COLLEGE**CATALOG**

CATALOG.CF.EDU

COLLEGE OF CENTRAL FLORIDA
2025-2026
CATALOG

Wilton Simpson Citrus Campus
3800 S. Lecanto Highway
Lecanto, FL 34461-9026
352-746-6721
Fax: 352-249-1218

Ocala Campus
3001 S.W. College Road
Ocala, FL 34474-4415
352-873-5800
Fax: 352-291-4450

Jack Wilkinson Levy Campus
15390 N.W. Highway 19
Chiefland, FL 32626
352-658-4077

Hampton Center
1501 W. Silver Springs Blvd.
Ocala, FL 34475-6456
352-873-5881
Fax: 352-873-5887

Appleton Museum of Art,
College of Central Florida
4333 E. Silver Springs Blvd.
Ocala, FL 34470-5001
352-291-4455
Fax: 352-291-4460

Vintage Farm Campus
4020 S.E. Third Ave.
Ocala, FL 34480-4708
352-873-5800
Fax: 352-291-4450

MEMBER OF THE Florida COLLEGE SYSTEM

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About College of Central Florida

Mission Statement

We transform lives and enrich our community by providing a supportive, high-quality learning environment that prepares individuals to excel in work and life.

Vision Statement

Your first choice for quality higher education.

Values

We Empower

- Cultivating individual and collective strength, value and responsibility
- Creating a caring and collaborative culture where faculty and staff are committed to the success of all
- Supporting each individual's potential and growth

We Engage

- Being a responsive partner, fully focused on the success of our students, faculty, staff and community
- Taking initiative to achieve positive results
- Taking action to connect, learn and grow with the institution

We Excel

- Delivering high-quality learning experiences
- Committing to the highest standards of education, service, accountability and organizational performance
- Leading with service excellence

District Board of Trustees

Joyce Brancato, Vice Chair
Rusty Branson
Bobby Durrance
Bill Edgar
Fred Roberts Jr.
Charlie Stone, Chair

President's Message

Congratulations on your decision to pursue higher education as a Patriot, and welcome to the 2025-2026 academic year!

At CF, your success - both in the classroom and in life - is our top priority. We are dedicated to helping you achieve your dreams, whether that means entering a high-demand, high-wage career or advancing your education further. In fact, 86% of our graduates are either working in their field or pursuing advanced degrees within a year of graduation. If you earn an associate degree from CF, you can continue your studies at our institution or smoothly transfer to a state university to complete your bachelor's degree.

We understand that balancing school, work, and financial responsibilities can be challenging. That's why we are committed to keeping tuition affordable, offering flexible scheduling options that fit your life, and facilitating millions in financial aid. That is how nearly 75% of our graduates are able to leave CF without any student loan debt. These efforts are part of our ongoing mission to provide top-tier education that is both accessible and affordable.

Theodore Roosevelt once said, "Believe you can and you're halfway there." The opportunities at CF - from more than 170 academic pathways to student leadership programs and more - are set up to help you succeed. I encourage you to aim for greatness, to explore your passions and take advantage of all that CF has to offer. From student life events to internships with local employers and service-learning opportunities, now is the time to make the most of your college experience.

Thank you for making CF your first choice for quality higher education. On behalf of the District Board of Trustees, faculty and staff, we all wish you a happy and successful 2025-2026 academic year!

James D. Henningsen, Ed.D.
President, College of Central Florida

College Calendar

Fall 2025

Class Schedule Available on the Web	March 3
Priority Registration - 40+ credits	April 2
Priority Registration - 20+ credits	April 9
Priority Registration - 10+ credits	April 16
Priority Registration - 1+ credits	April 30
Surgical Technology Application Deadline	June 1
Priority Registration - 0+ credits	June 4
Dual Enrollment - Application Deadline	July 18
Dual Enrollment - Registration Cutoff	Aug. 1

Fall C (Aug. 18-Dec. 11)

Admissions Application Deadline	Aug. 13
General Registration (Transient and Adult Enrichment Student)	June 5
Last Admit	Aug. 13
Faculty Professional Development Days	Aug. 14-15
Classes Begin (Residency Deadline)	Aug. 18
Add/Drop Period	Aug. 18-22
Drop Only	Aug. 22
Last Date for refund	Aug. 22
Drop for Non-attendance	Aug. 28
Labor Day Holiday, College Closed	**Sept. 1**
Faculty Professional Development Day (No Day Classes; Classes After 4:30 p.m. Meet)	Oct. 9
Graduation Application Deadline	Oct. 17
Textbook Titles for Spring Semester Due to Bookstore; Course Syllabi Due in Simple Syllabus	Oct. 24
Last Date to Withdraw with W	Oct. 27
Veterans Day Holiday, College Closed	**Nov. 11**
Thanksgiving Holiday and Break	**Nov. 26-30**
Classes End	Dec. 7
Exam Week	Dec. 5-11
Grade Reports to Registrar by 10:00 a.m.	Dec. 15
Mid-year Break, Students and Faculty	**Dec. 18-Jan. 2, 2026**
Administrative Offices Closed	Dec. 18-Jan. 1

Fall A (Aug. 18-Oct. 6)

Admissions Application Deadline	Aug. 13
Last Admit	Aug. 13
General Registration (Transient and Adult Enrichment Students)	June 5
Classes Begin (Residency Deadline)	Aug. 18
Add/Drop Period	Aug. 19
Drop Only	Aug. 20
Last Date for Refund	Aug. 20

Drop for Non-attendance	Aug. 28
Labor Day Holiday, College Closed	**Sept. 1**
Last Date to Withdraw with W	Sept. 18
Textbook Titles for Spring Semester Due to Bookstore; Course Syllabi Due in Simple Syllabus	Oct. 24
Classes End	Oct. 6
Grade Reports to Registrar by 10:00 a.m.	Oct. 6

Fall B (Oct. 13-Dec. 4)

General Registration (Transient and Adult Enrichment Students)	June 5
Admissions Application Deadline	Oct. 8
Last Admit	Oct. 8
Faculty Professional Development Day (No Day Classes; Classes After 4:30 p.m. Meet)	Oct. 9
Classes Begin (Residency Deadline)	Oct. 13
Add/Drop Period	Oct. 14-15
Drop Only	Oct. 15
Last Date for refund	Oct. 15
Drop for Non-attendance	Oct. 22
Veterans Day Holiday, College Closed	**Nov. 11**
Last Date to Withdraw with W	Nov. 17
Thanksgiving Holiday and Break	**Nov. 26-30**
Classes End	Dec. 4
Grade Reports to Registrar by 10:00 a.m.	Dec. 15

Spring 2026

Class Schedule Available on the Web	Sept. 8
Priority Registration - 40+ credits	Sept. 22
Priority Registration - 20+ credits	Sept. 29
Priority Registration - 10+ credits	Oct. 6
Priority Registration - 1+ credits	Oct. 13
Priority Registration - 0+ credits	Oct. 20
Dual Enrollment - Application Deadline	Dec. 1
Dual Enrollment - Registration Cutoff	Dec. 5

Spring C (Jan. 7-May 7)

General Registration (Transient and Adult Enrichment Students)	Oct. 21
Admissions Application Deadline	Jan. 5
New Year's Holiday, College Closed	**Jan. 1, 2026**
Last Admit	Jan. 6
Faculty Professional Development Days	Jan. 5-6
Classes Begin	Jan. 7
Add/Drop Period	Jan. 7-9
Drop Only	Jan. 13
Last Date for Refund	Jan. 13
Martin L. King Jr. Holiday, College Closed	Jan. 19
Drop for Non-attendance	Jan. 21
Textbook Titles for Summer Semester Due to Bookstore; Course Syllabi Due in Simple Syllabus	Feb. 27
Faculty Professional Development Day (No Day Classes; Classes After 4:30 p.m. Meet)	March 4

Spring Break, College Closed	March 16-22
Graduation Application Deadline (Includes Summer Graduates Who Intend to March in the Spring Ceremony)	March 9
Last Date to Withdraw with W	March 31
Textbook Titles for Fall Semester Due to Bookstore; Course Syllabi Due in Simple Syllabus	March 31
Classes End	May 3
Exam Week	May 1-May 7
Graduation Ceremony	May 8
Grade Reports to Registrar by 10:00 a.m.	May 11

Spring A (Jan. 7-Feb. 25)

Admissions Application Deadline	Jan. 5
New Year's Holiday, College Closed	**Jan. 1, 2026**
Last Admit	Jan. 5
General Registration (Transient and Adult Enrichment Students)	Oct. 21
Classes Begin	Jan. 7
Add/Drop Period	Jan. 7-8
Drop Only	Jan. 9
Last Date for Refund	Jan. 9
Martin L. King Jr. Holiday, College Closed	**Jan. 19**
Drop for Non-attendance	Jan. 21
Last Date to Withdraw with W	Feb. 9
Classes End	Feb. 25
Textbook Titles for Summer Semester Due to Bookstore; Course Syllabi Due in Simple Syllabus	Feb. 27
Grade Reports to Registrar by 10:00 a.m.	Feb. 27
Faculty Professional Development Day (No Day Classes; Classes After 4:30 p.m. Meet)	March 4
Graduation Application Deadline (Includes Summer Graduates Who Intend to March in the Spring Ceremony)	March 9

Spring B (March 9-May 3)

Admissions Application Deadline	March 4
Last Admit	March 4
General Registration (Transient and Adult Enrichment Students)	Oct. 21
Classes Begin (Residency Deadline)	March 9
Add/Drop Period	March 9-10
Drop Only	March 11
Last Date for Refund	March 11
Spring Break, College Closed	March 16-22
Drop for Non-attendance	March 24
Textbook Titles for Fall Semester Due to Bookstore; Course Syllabi Due in Simple Syllabus	March 31
Last Date to Withdraw with W	April 21
Classes End	May 3
Graduation Ceremony	May 8
Grade Reports to Registrar by 10:00 a.m.	May 11

Summer 2026

Class Schedule Available on the Web	Feb. 22

Priority Registration for **All** Summer Terms: 40+ credits	March 10
Priority Registration - 20+ credits	March 16
Priority Registration - 10+ credits	March 24
Priority Registration - 1+ credits	April 7
Priority Registration - 0+ credits	April 7
Dual Enrollment - Application Deadline	May 1
Dual Enrollment - Registration Cutoff	May 6

Summer C (May 13-Aug. 10)

Admissions Application Deadline	May 8
Last Admit	May 8
General Registration (Transient and Adult Enrichment Students)	April 8
Classes Begin (Residency Deadline)	May 13
Add/Drop Period	May 13-18
Drop Only	May 20
Last Date for Refund	May 20
Memorial Day Holiday, College Closed	**May 25**
Drop for Non-attendance	May 27
Surgical Technology Application Deadline	June 1
Independence Day Holiday, College Closed	July 2
Graduation Application Deadline (**March in Spring Ceremony**)	July 14
Last Date to Withdraw with W	July 10
Classes End	Aug. 10
Grade Reports to Registrar by 10:00 a.m.	Aug. 11

Summer A (May 13-June 24)

Admissions Application Deadline	May 8
Last Admit	May 8
General Registration (Transient and Adult Enrichment Students)	April 8
Classes Begin (Residency Deadline)	May 13
Add/Drop Period	May 13-14
Drop Only	May 15
Last Date for Refund	May 15
Memorial Day Holiday, College Closed	**May 25**
Drop for Non-attendance	May 26
Last Date to Withdraw with W	June 8
Classes End	June 24
Grade Reports to Registrar by 10:00 a.m.	June 25

Summer B (June 29-Aug. 10)

Admissions Application Deadline	June 25
Last Admit	June 25
General Registration (Transient and Adult Enrichment Students)	April 8
Classes Begin (Residency Deadline)	June 29
Add/Drop Period	June 29-30

Drop Only	July 1
Last Date for Refund	July 1
Independence Day Holiday, College Closed	**July 2**
Drop for Non-attendance	July 9
Last Date to Withdraw with W	July 21
Classes End	Aug. 10
Grade Reports to Registrar by 10:00 a.m.	Aug. 11

Accreditation and Memberships

The College of Central Florida is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award associate and baccalaureate degrees. Questions about the accreditation of the College of Central Florida may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, by calling 404-679-4500, or by using information available on SACSCOC's website (www.sacscoc.org).

College of Central Florida is also approved by the Florida Department of Education to award associate degrees, baccalaureate degrees, college credit certificates and occupational certificates.

The programs listed below are also accredited by the agencies listed. Please reference each program of study for additional information.

- The Dental Assisting Technology and Management, A.T.D. program is accredited by the American Dental Association Commission on Dental Accreditation and has been granted the accreditation status of "approval without reporting requirements." The Commission is a specialized accrediting body recognized by the United States Department of Education. The American Dental Association Commission on Dental Accreditation can be contacted at 312-440-4653 or at 211 East Chicago Avenue, Chicago, IL 60611. For additional information regarding the Commission on Dental Accreditation, please consult the website at http://www.ada.org/en/coda.
- The Dental Hygiene, A.S. degree program is accredited by the American Dental Association Commission on Dental Accreditation. The Commission is a specialized accrediting body recognized by the United States Department of Education. The American Dental Association Commission on Dental Accreditation can be contacted at 312-440-4653 or at 211 East Chicago Avenue, Chicago, IL 60611. For additional information regarding the Commission on Dental Accreditation, please consult the website at http://www.ada.org/en/coda.
- The Radiography, A.S. degree program is accredited by the Joint Review Committee on Education in Radiologic Technology, 20 North Wacker Drive, Suite 2850, Chicago, IL 60606-3182, 312-704-5300, mail: mail@jrcert.org
- The Nursing, R.N. program, the Nursing - L.P.N to A.D.N. Bridge program and the Registered Nurse to Bachelor of Science in Nursing program are approved by the Florida Board of Nursing and accredited by the Accrediting Commission for Education in Nursing Inc., 3390 Peachtree Road, NE, Suite 1400, Atlanta, Georgia 30326, telephone 404-975-5000.
- The Physical Therapist Assistant, A.S. degree program is accredited by the Commission on Accreditation in Physical Therapy Education, CAPTE, 3030 Potomac Ave.,Suite 100, Alexandria, VA 22305-3085, Telephone 800-999-2782, email address accreditation@apta.org, website http://www.capteonline.org.
- The Surgical Services, A.S. degree program is accredited by the Commission on Accreditation of Allied Health Education Programs, www.caahep.org, upon the recommendation of the Accreditation Review Council on Education in Surgical Technology and Surgical Assisting. Commission on Accreditation of Allied Health Education Programs; 9355 113th Street N, #7709, Seminole, FL 33775, telephone 727- 210-2350, fax 727-210-2354, www.caahep.org.
- The Paramedic, College Credit Certificate program is accredited by the Commission on Accreditation of Allied Health Education Programs, www.caahep.org, upon the recommendation of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions, CoAEMSP, 1361 Park Street, Clearwater, FL 33756, telephone 727-210-2350, website www.caahep.org. It also meets the standards of the 1998 EMT/Paramedic National Curriculum from U.S. Department of Transportation.
- The College of Central Florida Respiratory Care, A.S. degree program is accredited by the Commission on Accreditation for Respiratory Care. (CoARC), 264 Precision Blvd Telford, TN 37690. Telephone: 817-283-2835. Ext. 102, website www.coarc.com.
- The College of Central Florida Cardiovascular Technology, A.S. degree program is seeking accreditation by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) www.caahep.org upon the recommendation of the Joint Review Committee on Education in Cardiovascular Technology (JRC-CVT). **This program is pending accreditation, however, the College of Central Florida can provide no assurance that accreditation will be granted by the CAAHEP.**
- The College of Central Florida Diagnostic Medical Sonography Technology, A.S. program is seeking accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) www.caahep.org upon the recommendation of the Joint Review Committee on Education in Diagnostic Medical Sonography (JRC-DMS). **This program is pending accreditation, however, the College of Central Florida can provide no assurance that accreditation will be granted by the CAAHEP.**

The programs listed below are approved or certified by the agencies listed. Please reference each program of study for specific statements regarding approval or certification.

- The Correctional Officer, Career and Technical Certificate program and the Florida Law Enforcement Academy, Career and Technical Certificate are approved by the Florida Department of Law Enforcement Criminal Justice Standards and Training Commission, P.O. Box

1489, Tallahassee, FL 32302-1489, telephone 850-410-8600.

The college holds memberships in the American Association of Community Colleges, the Association of Florida Colleges, and the Association of Community College Trustees. Among other memberships are the National Junior College Athletic Association, the National League for Nursing and Florida Campus Compact.

CF has been approved by the state of Florida as an institution in which recipients of General Scholarship Loans for Preparation of Teachers (awarded by the state) may take the first two years of college work. Additionally, the college participates in the Drug-Free Workplace Program.

The state Department of Education will accept work taken at the college to satisfy various certification requirements. CF is state approved for veterans training under Public Law 550, Public Law 89-358 (Veterans Readjustment Benefits Act of 1966), and for the education of disabled veterans and war orphans.

History

Central Florida Junior College was established in 1957 when community leaders and citizens envisioned an educational resource that would help Marion, Citrus and Levy counties to grow and prosper. With foresight and determination, those community leaders planted the seed that has become the educational hub of the tricounty area.

In 1958, Hampton Junior College opened as one of the first black, two-year colleges in the state, and in 1966 the colleges merged. The name was changed to Central Florida Community College in 1971 to reflect more accurately the character and purpose of the college serving a larger community. In 2010, the college changed its name to College of Central Florida.

The **Ocala Campus** was established on a 60-acre tract donated by Atlantic Realty and Investment Company and the City of Ocala and has grown to include 140 acres. The attractive campus is at a crossroads, between downtown Ocala and Interstate 75 on State Road 200. The campus has been recognized by Marion County for its beautiful grounds.

In 1982, the Bronson Center opened on a 20-acre site east of Bronson. In 1993, the campus was relocated to the Levy Center in Chiefland. The **Jack Wilkinson Levy Campus** opened for classes in Chiefland in Fall 2017.

The college also offered classes in Citrus County for many years before partnering with the Citrus County School Board to establish an educational complex in Lecanto in 1984. To accommodate a growing need, a free-standing campus opened in 1996 on 88 acres in Lecanto and 10 acres were added later. The Learning and Conference Center opened at the Citrus Campus in fall 2009 and was renamed the Charles S. Dean Sr. Educational Center in January 2022. In July 2022, the campus was renamed the **Wilton Simpson Citrus Campus**.

CF's **Hampton Center** opened in 1996 on the site of the former Florida State Fire College in West Ocala. The facility was completely rebuilt and reopened in 2004. The Hampton Center is an important presence in the west Ocala area, offering Dental academic programs as well as a dental clinic.

The college has operated the **Appleton Museum of Art** since 2004. The museum has become a teaching and learning institution, offering classes and tours, and helping to serve the cultural needs of the community.

The **Vintage Farm Campus** was added as a CF location in 2017 after an anonymous donor gifted the 103-acre hobby farm to the college. The beautiful site, just a few miles from the Ocala Campus, serves as a learning lab for students in Equine Studies and Agribusiness programs.

In recent years, the college has renovated several key buildings and added others that have changed the face of the Ocala Campus. The oldest building at the college was renamed Founders Hall in 2007 and reopened in 2009 after extensive remodeling. The Ewers Century Center and Webber Center Gallery serve students and the community. Renovations to the C. Farris Bryant Student Union, Stearns Learning Resources Center, Health Sciences Simulation Center, Charles R. Dassance Fine Arts Center and Allied Health Sciences building and the construction of the AdventHealth Center for Nursing provide state-of-the-art technology and student-friendly facilities.

Administration

College operations are governed by the College of Central Florida District Board of Trustees. Members of this board are appointed by Florida's governor and confirmed by the Florida Senate. The chief administrative officer of the college is the president, who also serves as secretary to the District Board of Trustees.

CF board members bring strong leadership and unique backgrounds adding to the college's leadership.

Educational Programs and Services

The **Associate in Arts** degree is 60 credit hours and is designed for the student who plans to complete a bachelor's degree.

The **Associate in Science** degree varies from 60 to 88 credits depending on the program. It is designed for students who wish to enter the workforce in a skilled field. Some limited transfer is available.

Applied Technology Diploma programs are either clock-hour noncredit or credit hour based. They provide entry-level courses in a specific area that usually can be applied toward an Associate in Science degree.

College Credit Certificates are technical programs that vary in length from 12 to 42 credit hours and provide the student with a set of technical skills in a specific area of study. Each College Credit Certificate applies toward an Associate in Science degree.

Career and Technical Certificate programs are clock-hour based noncredit programs that provide the student with broad entry-level skills in a chosen field of study.

Baccalaureate degrees provide advanced degree opportunities for students in a variety of fields. The Bachelor of Applied Science in Business and Organizational Management is designed for associate degree graduates to build on skills for managerial positions requiring baccalaureate degrees. Specializations include Accounting, Agribusiness Management, Equine Studies, Health Care Management, Human Resources Management, Logistics and Supply Chain Management, Management Information Systems and Public Safety Administration. The Bachelor of Science in Early Childhood Education is designed for associate degree graduates to build on skills for early childhood education teaching positions requiring a baccalaureate degree. The Registered Nurse to Bachelor of Science in Nursing program allows associate degree registered nurses to advance their careers to meet community demand for B.S.N. prepared nurses.

Advanced Technical Certificate programs are career and technical programs that vary in length from 9 to 45 credit hours and provide advanced, specialized instruction to supplement an associate or baccalaureate degree.

Students needing academic assistance may take advantage of **Developmental Education** courses in the areas of English, mathematics and reading.

The college provides a wide range of **noncredit** courses. Educational and training courses that are offered through instructional departments include offerings in career and personal development, computers, business, child care and health.

Opportunities to integrate classroom study with practical experience are found in the **Cooperative Education** program.

The college encourages students to participate in civic partnerships by engaging in community life and the responsibilities of democracy through **service learning**. Many instructors provide service learning opportunities as a component of the instructional requirements. A fundamental purpose of the service learning initiative is to help create student awareness of the importance of participating in one's community.

Distance Learning is available to students through online courses and telecourses.

Adult General Education programs provide noncredit instruction for individuals seeking to improve their academic skills in reading, language and mathematics. Programs include Adult Basic Education, ABE; General Education Development, GED; Vocational Preparatory Instruction, VPI; English for Speakers of Other Languages, ESOL; and Family Literacy.

The Florida Department of Health, Bureau of Emergency Medical Services has designated CF as an **Emergency Medical Training Center**, offering both Emergency Medical Technician (EMT) and Paramedic training. The Paramedic program is accredited by the American Medical Association.

The City of Ocala Fire Department operates a fire station, complete with an advanced life support fire rescue unit, at the Ocala Campus. The facility offers not only protection to the campus and surrounding area, but excellent laboratory facilities for **Paramedic** students. Through a cooperative agreement with the City of Ocala Fire Department, AdventHealth Ocala has an advanced life support ambulance that responds from this station.

Police and corrections recruit training, law enforcement, corrections and correctional probation seminars, schools and courses are offered through the college's **Criminal Justice Institute**, a nonprofit CF organization.

College of Central Florida Foundation, Inc.

To assist the college in providing resources to supplement state dollars, the **College of Central Florida Foundation Inc.** provides private funding generously donated by individuals, organizations and companies in the community.

International Students

The college is committed to providing an educational environment that includes opportunities for interaction with and among students of many cultures. To allow for students from countries around the world to engage in learning activities, the college encourages the enrollment of non-immigrant alien students. International students are requested to follow the regular admission procedures and provide evidence of financial responsibility and English language proficiency. See International Students for more information.

CF Arts and Culture

College of Central Florida cultural centers include the Appleton Museum of Art, the Webber Gallery and the Charles R. Dassance Fine Arts Center. Through exhibitions and programming, these facilities serve to enhance the cultural and learning life of the campus and community.

The Webber Gallery: The 3,900-square foot Webber Gallery, located at the Ocala Campus, was built in summer 1995 to provide a nucleus of arts and cultural programs for students and faculty. The gallery, which was built to host Smithsonian traveling exhibitions, also presents an annual calendar of local, state and other national exhibitions. Gallery hours are Monday to Thursday from 10 a.m. to 4 p.m. The gallery is closed Fridays, Saturdays, Sundays and all college-observed holidays.

Charles R. Dassance Fine Arts Center and Box Office: The 369-seat venue is integral to the programs offered through the Visual and Performing Arts Department, serving as a learning facility to theatre, dance and music programs. Additionally, the Visual and Performing Arts Department and many community based organizations use the facility to present annual performing arts programs by guest artists that add value to the campus cultural experience. Students, staff and faculty receive free tickets to most college productions. The Box Office is open during the fall and spring semester from 8:30 a.m. to 4:30 p.m. Monday through Friday. Tickets to events are also available at cf.universitytickets.com.

CF Conference Centers

From conferences and meetings to luncheons and weddings, the college's Conference Centers are well-equipped to make your event one to remember. The personal service and attention to

detail have made the difference for thousands of satisfied customers.

The Webber Conference Center at the Ocala Campus is ideal for receptions, meetings, banquets and other special events of up to 150 people. Our beautiful outdoor patio can be set for weddings and outdoor events. Limited catering is available through the college's own Rosemary and Thyme Catering, or an outside, licensed caterer. The conference center is available to rent.

The Klein Conference Center at the Ocala Campus is host to a wide variety of trade shows, conventions, corporate meetings, weddings and social events for groups of 10 to 400. This versatile space includes audiovisual capabilities and an equipped prep kitchen. Limited catering is available through the college's own Rosemary and Thyme Catering, or an outside, licensed caterer. The conference center is available to rent.

The Citrus Learning and Conference Center at the Wilton Simpson Citrus Campus is a multipurpose venue that houses meeting and conference spaces ranging from 900 to 5,000 square feet. Amenities include the latest audiovisual capabilities and a fully equipped catering kitchen. All spaces are available for rent.

The Vintage Farm, CF's newest venue in the Ocala area, offers a beautiful air-conditioned barn that combines the charm of being on a farm, with the convenience of providing a memorable backdrop for weddings, fundraisers or other events for up to 150 people. Located just a few miles from the center of Ocala and Interstate 75, the venue is easily accessible. Full service catering is available through an outside, licensed caterer of your choosing. The farm is available to rent.

Wilton Simpson Citrus Campus

The Wilton Simpson Citrus Campus is located at 3800 S. Lecanto Highway in Lecanto, approximately three miles south of State Road 44. Complete admission and registration activities and advising are available. All general education core requirements may be taken at the Citrus Campus. Complete A.A. degrees, as well as select A.S. degree and bachelor's courses, are also available at the Citrus Campus. Some specific electives and specialized A.S. degree programs may need to be completed at the Ocala Campus. A student lounge, library, Learning Support Center and Testing Center are available to students at the Citrus Campus. The campus has a Student Activities Board and a variety of clubs and student life activities. The Citrus Campus also offers conference services to the general public and the business community.

Hampton Center

The Hampton Center, located at 1501 W. Silver Springs Blvd. in Ocala, first opened in 1996. A new center reopened in 2004 with a focus on health occupations. Academic programs offered at the Hampton Center include the Associate in Science in Dental Hygiene and an Applied Technology Diploma in Dental Assisting . The Hampton Center includes three classrooms, two dedicated labs, and 17 modern equipped dental operatories. This space allows for both a restorative clinic and a dental hygiene clinic to provide a broad range of dental services to those in need, at a reduced fee. These clinics offered at the Hampton Center provide the opportunity for students to meet their educational requirements and engage in community outreach services that will impact the surrounding counties.

The Marion County Health Department dental clinic is conveniently located in West Ocala at the Hampton Center. This unique partnership between CF and the health department provides additional dental services as well as a clinical site for the CF dental programs.

Jack Wilkinson Levy Campus

The Jack Wilkinson Levy Campus is located at 15390 N.W. Highway 19 in Chiefland. The campus offers college credit courses leading to associate degrees and credit and vocational certificates. High school students may earn both high school and college credit through the Dual Enrollment program at the Levy Campus. The campus is also home to the college's Applied Welding Technologies programs. Adult general education programs leading to the State of Florida High School Diploma and continuing education courses are also offered.

The Levy Campus features a comprehensive student center with admissions, assessment, advising and enrollment services. Students also benefit from a tutoring and learning support center, a modern learning resources center, student lounge and Student Activities Board events. The campus offers fully equipped multipurpose classrooms, computer labs, a multidiscipline science lab and 3,000 square feet of exhibit and conference space that will accommodate nearly 200 guests.

Vintage Farm Campus

The College of Central Florida Vintage Farm Campus offers several degree and certificate programs to help students enter leading industries in the state of Florida. Ocala is proclaimed the Horse Capital of the World because the area supports a wide range of equine activities. Combined with agribusiness, both industries have been the lifeblood of the tricounty region for decades. This campus serves as our teaching laboratory to ensure our Equine Studies and Agribusiness students are equipped with the best hands-on experiences to tackle workplace issues they will face in their chosen careers. This world-class resource facility houses classrooms and labs.

Appleton Museum of Art

A campus of the College of Central Florida, the Appleton Museum of Art is a vibrant cultural destination located at 4333 E. Silver Springs Blvd. (State Road 40), just four miles east of downtown Ocala.

The museum houses a world-class permanent collection of more than 24,000 objects and works of art, spanning from ancient to contemporary. In addition to rotating special exhibitions and permanent collection galleries, the Appleton offers a robust calendar of programs, including studio art classes, lectures, films, special events and more.

Visitors of all ages can enjoy hands-on activities in the Appleton Artspace, a creative makerspace open during regular museum

hours. The Appleton Store features a selection of unique gifts, including jewelry, books and art supplies.

The Appleton Museum of Art is accredited by the American Alliance of Museums, a distinction held by only a small percentage of museums nationwide.

The Appleton Museum, Artspace and Store are open Tuesday-Saturday, 10 a.m.-5 p.m. and Sunday, noon-5 p.m. Closed Thanksgiving, Christmas Day and New Year's Day. CF students, faculty and staff are admitted free during regular museum hours with their CF ID card. Visit AppletonMuseum.org for more information.

Campus Maps

Directions, hours of operations and campus maps for each CF location can be found at https://www.cf.edu/locations.

Continuous Notice of Nondiscrimination

College of Central Florida offers equal access and opportunity in employment, admissions and educational activities. The college will not discriminate on the basis of race, color, ethnicity, religion, sex, age, marital status, national origin, genetic information, veteran status or disability status and any other factors prohibited under applicable federal, state, and local civil rights laws and regulations in its employment practices or in the admission and treatment of students. Recognizing that sexual harassment constitutes discrimination on the basis of sex and violates this policy statement, the college will not tolerate such conduct.

College of Central Florida is an equal opportunity college and avows its belief in equal access and opportunity for all students, employees and guests of the institution. If you have a concern regarding discrimination or harassment, please contact:

Title IX Coordinator	Dr. Mary Ann Begley Ocala Campus, Bryant Student Union Room 205D Telephone: 352-291-4410 Email: compliance@cf.edu

If you have concerns, other than discrimination or harassment that fall within one of the following categories, you should contact the representative listed below by that category:

Americans with Disabilities Act Coordinator for Employees	Dr. Mary Ann Begley Ocala Campus, Bryant Student Union Room 205D Phone 352-291-4410 Email: ADA@cf.edu
Americans with Disabilities Act Coordinator for Students	Cindy Pfriender, LMHC Ocala Campus, Bryant Student Union Room 204F Ocala, FL 34474-2322, ext. 1580 Email: ADA@cf.edu

The college will make every effort to resolve concerns or problems as quickly as possible and to make reasonable accommodations for persons with disabilities. Below are links to specific documents:

- Equal Access/Equal Opportunity Policy No. 1.01, CF.edu/Policies
- Discrimination, Harassment, and Related Misconduct Policy No. 1.03, CF.edu/Policies
- Discrimination, Harassment and Related Misconduct Grievance Process for Employees and Students, No. 1.03 CF.edu/Procedures
- Observance of Religious Holidays Policy No. 3.18, CF.edu/Policies
- AIDS and Blood Borne Pathogens Policy No. 3.02, CF.edu/Policies

Copies of policies and procedures are also available from the Title IX Coordinator, located in Building 5, Room 205D, and Human Resources Department, Founders Hall, Ocala Campus. In compliance with state and federal regulations, the District Board of Trustees of the College of Central Florida has approved the above nondiscrimination policies and procedures to govern all areas of college operation including enrollment, admissions and equal opportunity employment. The following federal and state laws apply:

- Title VI of the Civil Rights Act of 1964 (Title VI), 34 CFR Part 100
- Title IX of the Education Amendments of 1972 (Title IX), 34 CFR Part 106
- Section 504 of the Rehabilitation Act of 1973 (Section 504), 34 CFR Part 104
- Vocational Education Programs Guidelines for Eliminating Discrimination and Denial of Services on the Basis of Race, Color, and National Origin, Sex and Handicap (Guidelines), 34 CFR Part 100 Appendix B
- Title II of the Americans with Disabilities Act of 1990 (ADA), 28 CFR Part 35
- ADA Amendments Act of 2008
- Genetic Information Nondiscrimination Act of 2008
- Pregnancy Discrimination Act of 1978
- Age Discrimination Employment Act of 1967
- Vietnam Veterans Readjustment Assistance Act of 1974

- GINA Act of 2008
- Jeanne Clery Disclosure of Campus Security and Campus Crime Statistics Act, 20 U.S.C. Section 1092 (f)
- Section 304, Violence Against Women Reauthorization Act of 2013
- Florida Statutes 760.01, 794.011, 1000.05, 1001.02, 1001.64, 1012.855

College of Central Florida, under applicable rules of the Administrative Procedures Act, may change any of the announcements, information, policies, rules, regulations or procedures set forth in this catalog. The catalog cannot always reflect new and modified regulations. Statements in this catalog may not be regarded in the nature of binding obligations on the institution or the state of Florida.

Ombudsman

An ombudsman is a neutral third party who helps students address problems or concerns. At CF, you may contact the college ombudsman if you feel a policy or procedure is not being followed fairly by the college. The ombudsman is impartial, and considers the interests and concerns of all parties involved with the goal of achieving fair and equitable solutions. The ombudsman does not arbitrate, adjudicate, or participate in any internal or external processes.

Ombudsman	Dr. Vernon Lawter Wilton Simpson Citrus Campus Telephone: 352-249-1209, ext. 6107 Email: lawterv@cf.edu

Prohibition of Misrepresentation to Students and Others

The College of Central Florida strives to provide accurate, honest and clear information in print, online, broadcast media or oral presentations. The college will make every effort to avoid misrepresentation to students and others in communications made in writing, visually, orally, or through other means. All misrepresentations should be avoided; however, this procedure specifically applies to the three areas covered by statute 20 USC § 1094(c)(3). Those three areas include:

- The nature of the institution's educational programs.
- The institution's financial charges.
- The employability of the institution's graduates.

Admissions and Registration

Admissions Philosophy

Access to higher education is a concept held in high esteem at the College of Central Florida. While emphasizing this concept, college officials believe that students should view this access as an opportunity carrying obligations which ensure realization of their goals.

General Institutional Admissions Requirements

As provided for in s. 1004.65, F.S., the College of Central Florida is an open-access institution. Admission for college credit studies is open to all high school graduates. It is essential that each applicant satisfactorily complete each phase of the admission process. Most degree programs at CF require an earned high school diploma, a signed affidavit attesting that the student has completed a home education program pursuant to the requirements of s. 1002.41, F.S. or GED. Students who have completed more than 12 credits in a Dual Enrollment program may be admitted in conditional status and pay the required registration, tuition, and fees for enrolled courses prior to receiving their high school diploma. Once the diploma is awarded, a final complete high school transcript will be required. If CF determines that a student's high school has not met the criteria to award a standard high school diploma or a GED, then the student may be required to obtain a state-issued GED or a high school diploma from an acceptable school prior to being admitted into any program requiring a standard high school diploma. Some postsecondary certificate programs do not require a high school diploma.

A candidate for admission is assured that his/her application will be reviewed and evaluated in a fair and impartial manner. Students are still eligible to be admitted for programs that do not require high school completion.

No applicant will be refused admission on the basis of race, age, ethnic background, religious preference, disability or gender.

In order to maintain the college ideals of scholarship and demeanor, the right is reserved to deny admission to applicants for any reason which is deemed to be in the best interest of the college.

Subsequent registration is permitted for currently enrolled and former students when all college obligations have been satisfied.

When limited facilities or resources restrict the size of enrollment in certain programs, these programs are designated as "limited access." Criteria for admission to limited access programs can be found in the college catalog. Guidelines for eligibility into various programs are found within program descriptions in the catalog. Additional admission information may be obtained from the Office of Admissions and Student Recruitment.

Criminal history: The college attempts to protect the safety of the campus community by screening applicants for admission or readmission who have a violent criminal record as well as by responding to information regarding violent illegal activity or new information concerning violent criminal charges. This does not automatically preclude an applicant from gaining admission or readmission to the institution. In order to maintain a safe environment conducive to student learning, the right is reserved to deny admission to applicants for any reason deemed to be in the best interest of the college. The college also reserves the right to establish special conditions on admission, if such conditions are deemed necessary to assure a safe learning environment.

College Credit Division

All college credit students must be high school graduates, GED recipients, home school completers, or qualified early admission/dual enrollment students.

Students can be admitted to credit courses at CF under one or more of the following classifications.

New degree-seeking: Students can earn either the Associate in Arts, Associate in Science, Bachelor of Applied Science or Bachelor of Science degree. After the student's application is processed, the Office of Admissions and Student Recruitment sends the student an email with specific instructions, including the student's CF ID. The student must submit all required documents and official transcripts to be admitted. Once admitted, the student will receive an email with information about the orientation and registration process for all new degree-seeking students. If attending classes primarily at the Citrus Campus or Levy Campus, call for information.

Nondegree: Students can take selected college courses without intending to complete an associate degree program. Many students attend to upgrade employment skills, for career exploration, teacher recertification, audit, or for personal objectives. A nondegree applicant must submit a completed application and a one-time, nonrefundable application fee. After the application is processed, the student can complete the registration process at the Enrollment Services Center at the Ocala Campus, Citrus Campus or Levy Campus. Registration occurs during the general registration period.

A nondegree status student cannot be certified for financial aid or veterans' benefits. If a student wishes to pursue a degree, he or she must contact the Enrollment Services Center and indicate a desire to be changed to a degree-seeking status.

Some courses are closed to nondegree seeking students.

Conditional Admittance: Students who are admitted to the college while certain information is being validated. Full admittance is dependent upon the individual meeting specified criteria to complete the admission process. Restrictions may be placed on the student's account if requested documents are not submitted.

Audit: Students who do not wish to gain college credit for courses taken may audit. Audit students will follow the regular registration and payment process. During the posted add/drop period ONLY,

students may submit a request to change to audit status in the Enrollment Services Center at the Ocala Campus, Citrus Campus or Levy Campus. After the add/drop period, status cannot be changed to or from audit.

Transient: Students who have a home college other than CF can complete courses at CF. Transient students must present a transient form from their home college. The form must specify the courses that the college has approved for the student to take at CF. If the student decides to change enrollment status to **transfer** to CF, the student will need to complete a CF general application. Transient students may only register during the general registration period.

Teacher certification: Students can complete courses to maintain their teacher certification. Teacher certification students may register in the Academic Advising Center during general registration for any course that does not have a prerequisite. If CF has received and evaluated college transcripts, the student will have much greater flexibility in course selection.

State employees: Students using the State Employee Tuition Waiver *may register during the add period ONLY*. Check the college calendar on page 7 of this catalog for these dates. Each semester, the waiver covers six credit hours of tuition. The state employee must complete the Application for State Employee Fee Waiver and submit it to the Office of Financial Aid.

Most **college credit certificate-seeking** students pursue a one-year program of study.

Transfer: Students who have previously registered at any other postsecondary institution(s), regardless of the amount of time spent or credit earned, are transfer students. They can be degree-seeking or nondegree-seeking.

Returning: Returning students, or those who have previously applied and paid an application fee, will not be charged a second application fee. Students who return to CF who have not been continuously enrolled **(defined as earning one credit hour or more in one academic year)** will need to complete a readmission application as well as the academic requirements of the current catalog in effect. Any full- or part-time student has five calendar years of continuous enrollment after he/she returns to complete degree requirements under the catalog in effect when returning. Students seeking to return to the ADN (Associate in Science Degree Nursing) program must follow procedures outlined.

International: International students attending CF are nonimmigrants applying, maintaining or changing to F1/M1 academic status. Students who are residents of countries other than the United States are also considered non-F1 international students.

Regardless of which classification is appropriate, the student is considered either **full-time** (enrolled for 12 or more credits in a regular 16-week semester) or **part-time** (enrolled for fewer than 12 credits in a regular 16-week semester). Also, a student is considered to be a **freshman** if 30 or fewer credit hours have been earned, a **sophomore** if more than 30 but less than 60 credit hours have been earned, a **junior** if the student has earned an associate degree and been admitted into a baccalaureate degree with less than 30 hours earned towards the baccalaureate degree or a **senior** if the student has earned an associate degree and been admitted into a baccalaureate degree with 30 hours or more earned towards the baccalaureate degree.

Application and Application Fee

All students must submit a completed online application, along with a nonrefundable, one-time $30 application fee.

Substitutions for Eligible Students with Disabilities

Eligible students with disabilities may be provided special considerations for reasonable substitution for any requirement for admission to the institution, admission to a program of study or area of interest, or graduation. Florida State Board of Education Rule 6A-10.041 authorizes reasonable substitution for these requirements to any person who has a hearing impairment, visual impairment or a specific learning disorder. Substitutions will only be utilized in cases where the person's failure to meet the requirement is related to the disability and where the failure to meet the requirement does not constitute a fundamental alteration in the nature of the program. For procedures regarding substitutions contact the director of Accessibility and Counseling Services 352-854-2322, ext. 1580, or pfriendc@cf.edu.

High School and Transfer Students

High school graduates are required to submit final official high school transcripts, proof of GED, or home school affidavit to the Enrollment Services Center at any CF campus or center. Students who completed high school outside the United States must submit document-by-document evaluation or general analysis prepared by an active NACES member organization with listing available at www.naces.org/members. International educational partners of CF can send high school documents directly to CF. The documents must be in English and reviewed by agency staff. If originals are written in a foreign language only, translation must be included. A separate evaluation is not required.

Transfer students are required to submit official transcripts from each institution that they have previously attended at the time that they apply or readmit to CF. To be considered official, transcripts must be sent electronically via secured service to transcripts@cf.edu approved by CF, sent directly to CF from the issuing institution, or delivered in an envelope sealed by the issuing institution. Official transcripts may be submitted to the Admissions/Enrollment Services Center at any CF campus or center.

CF evaluates transfer credits for undergraduate coursework completed at regionally accredited colleges and universities across the United States. The college uses a semester credit system, and any quarter credits earned are converted accordingly-each quarter credit is equivalent to two-thirds of a semester credit. The Office of Enrollment Services will evaluate these transcripts and post all accepted transfer courses to the student's permanent academic record. A final official high school transcript, proof of GED or home

school affidavit is also required. An earned AA/AS degree or higher may be substituted for the high school transcript.

Students previously enrolled in nonaccredited or non-U.S. postsecondary institutions and received no federal financial aid only need to submit official transcripts if they want coursework from those institutions considered for transfer to the College of Central Florida.

Students who want to have postsecondary coursework from a non-U.S. college or university considered for transfer to CF must submit postsecondary transcripts in English along with course-by-course evaluation of their academic credentials. For transcript evaluation, students must use International Education Evaluations, Inc. (www.myiee.org/university/college-of-central-florida), Josef Silny & Associates (www.jsilny.com), SpanTran (www.spantran.com), World Education Services (www.wes.org) or any active member of NACES. Translation of academic credentials may be required by the evaluation agency if the documents are not written in English. Both transcript and completed evaluation report must be submitted prior to the first semester of enrollment. Transfer of credits can only be done during initial application. CF may no longer process or add credit to a student's record in the middle of study at CF.

Transfer students who do not have transcripts on file showing completion of college preparatory or college-level English and mathematics will be required to take a placement test.

Students seeking the Associate in Science degree who possess an Associate in Arts or higher degree have already satisfied core requirements as listed in the Academic Requirements section of the college's catalog.

Dual Enrollment

The State Board of Education encourages colleges and school boards to enter into agreements to offer college courses to selected high school students who have exhausted their school's curriculum and qualify for dual enrollment status. For eligibility requirements, deadline dates, policies and procedures, go to the college's dual enrollment webpage at CF.edu/dual. As provided for by current legislation, colleges may waive the student's application, tuition and applicable fees. CF has agreements with Citrus, Levy and Marion public school districts. Students who believe they might qualify for the dual enrollment classes should discuss this option with their high school counselors. Interested students must complete the online dual enrollment application and provide all requested documents by the posted deadline. High school students can take dual enrollment courses at selected high school campuses and at the college's campuses. (See Career Pathways for more information.)

State Authorization for Distance Learning

The U.S. Department of Education has specified that all colleges and universities offering distance education courses outside of their state must be authorized by each state in which they are offering courses. The U.S. DOE released the following: "If an institution is offering postsecondary education through distance or correspondence education to students in a state in which it is not physically located or in which it is otherwise subject to state jurisdiction as determined by the state, the institution must meet any state requirements for it to be legally offering postsecondary distance or correspondence education in that state. An institution must be able to document the secretary of the state's approval upon request" (Chapter 34, § 600.0(c) Higher Education Opportunity Act).

The State Authorization Reciprocity Agreement is a national initiative to ensure compliance standards are met when online courses are taken by students residing outside of the state in which the college is located. To learn more about SARA, please visit www.nc-sara.org/sara-states-institutions. The College of Central Florida is a member of the National Council for State Authorization Reciprocity Agreements. This agreement allows the college to offer online instruction to students in every US state, district and major territory, other than California, the Mariana Islands, American Samoa, Guam, the Marshall Islands, Micronesia and Palau. A student who is a resident of CA, CNMI, AS, GU, MH, FM or PW and is interested in taking courses at the College of Central Florida is encouraged to contact the College or visit https://www.nc-sara.org/sara-states-institutions to see if the state, district or territory's status has changed.

Although the College of Central Florida is authorized to offer online instruction in other states, the college's online programs are not automatically accepted to meet any professional licensure requirements of any other jurisdiction. The college does not design or intend for any of its online programs to meet such requirements in any specific jurisdiction.

For students seeking a professional license in another state, it is important that the student seeks information about the requirements in their chosen state. A good place to start is the U.S. Department of Education. The student should **not** assume that one of the college's programs will qualify them to seek licensure in any state, based on the program title, area of study or any other criteria. Please contact E-Learning at DLHelp@cf.edu for assistance.

All student complaints should first follow the college's complaint procedure. If the complaint cannot be resolved through the college's complaint procedures, the student may contact the Division of Florida Colleges for additional information. If neither of these resolves the complaint, distance education students may appeal noninstructional complaints to the Florida State Authorization Reciprocity Agreement Post Secondary Reciprocal Distance Education Coordinating Council. For additional information on the complaint process, please visit the FL-SARA complaint process page.

For any specific questions about state authorization for distance education, or state complaint procedures, please contact E-Learning at 352-854-2322, ext. 1317, or DLhelp@cf.edu or visit https://www.cf.edu/academics/degrees-and-certificates/online-learning/state-authorization-information/. For a student who resides outside of Florida and applies for or enrolls in a program that could reasonably be construed to lead to professional licensure, please make sure that the college has the correct email address on file as the college will contact the student regarding that program's licensure status in the relevant state, district or territory.

International Students

The International Student Services Office assists international students in making the transition from their home countries to CF. The staff assists students with admissions, immigration regulations, academic planning, personal problems and other areas of concern. The International Student Services office is located in the Bryant Student Union, Room 102 and online at www.cf.edu/international.

Admission of International Students

The College of Central Florida is authorized by the Department of Homeland Security to enroll nonimmigrant students and to issue a Certificate of Eligibility (Form I-20) to qualified applicants who wish to apply for an F1 student visa. Applicants who wish to study at CF on an F1 student visa must submit the following items:

1. A completed online **Application,** including a **$30** nonrefundable application fee and a **Non-Florida Residency Declaration**.
2. An official document-by-document evaluation of the applicant's high school or secondary school transcripts and diploma/certificate from International Education Evaluations, Inc. (https://myiee.org/university/college-of-central-florida), Josef Silny & Associates (www.jsilny.org), SpanTran (www.spantran.com), World Education Services Inc. (www.wes.org) or any active member of NACES. If the documents are not in English, the applicant will also need to have an official English translation. The cost of the evaluation and translation are the responsibility of the applicant. If the applicant graduated from an accredited high school inside the United States, then an evaluation is not required and the official transcripts may be sent directly to CF.
3. A completed **Financial Statement Form** (https://pr.cf.edu/files/SA-INT2_International_Financial_Support_Statement.pdf.) Applicants must provide evidence of financial ability and have sufficient funds to pay for tuition and fees, textbooks, living expenses, and health insurance for one year. Applicants and/or sponsors must complete the Financial Statement Form and provide proof of financial ability such as bank documents or scholarship letters.
4. A photocopy of the applicant's valid **passport**.

Applicants who **previously attended a non-U.S. college or university** and want to have their postsecondary coursework considered for transfer to CF must submit an official course-by-course evaluation prior to the first semester of enrollment. If the documents are not in English, the applicant will also need to have an official English translation. The cost of the evaluation and translation are the responsibility of the applicant. CF accepts course-by-course evaluations from International Education Evaluations, Inc. (https://myiee.org/university/college-of-central-florida), Josef Silny & Associates (www.jsilny.org), SpanTran (www.spantran.com), World Education Services Inc. (www.wes.org) or any active member of NACES.

Applicants who are currently studying on an F1 visa at a SEVP-certified school and wish to transfer to CF must submit all items listed above, as well as a copy of their valid F1 visa, copies of previous I-20s, official college transcripts and a completed **International Student Services Transfer Form** (https://pr.cf.edu/files/SA-INT1_F1_International_Student_Transfer.pdf).

Applicants who are currently in the U.S. on a different visa and wish to change to an F1 student visa must apply for a **Change of Status** (USCIS Form I-539) after being admitted and issued Form I-20.

Deadlines: Although CF accepts international student applications year-round, the following deadlines must be followed in order to ensure that the application is processed and the applicant receives their admissions packet in time to apply for an F1 student visa. Fall - July 1, Spring - Dec. 1 and Summer - April 1.

New International Student Orientation is mandatory for all new F1 students and is held on the days prior to the first day of class.

Students will be informed of their orientation date in their acceptance letter. During orientation, students will complete any required academic placement testing, receive a class schedule, and be required to pay tuition for one semester.

English language proficiency is not required for admissions. However, students have the option to presents IELTS or TOEFL test scores before the mandatory orientation. IELTS 5.5 or TOEFL 61 will place the student in college-level English.

Enrolled International Students

It is critical that F1 students maintain their legal status while in the United States. F1 Students must adhere to the following rules and regulations or they will be considered out-of-status and face serious consequences, up to and including deportation.

1. **Enroll full-time in an academic degree program.** F1 students must register for and attend at least 12 credit hours in the fall and spring semesters. For a 12-credit course load, they may only take one 3-credit online class. Summer semester is a vacation semester and taking classes is optional. However, students who begin their course of study during the summer must enroll full-time. F1 students must be degree seeking and be making progress towards completion of their degree. Students on their final semester may request a Reduced Course Load but must enroll in at least 6 credits including one in person course to remain in status.
2. **Maintain a valid I-20.** F1 students must be aware of the Program End Date on their I-20, and apply for an extension before that date if they need additional time to complete their degree. Extensions cannot be granted once the Program End Date has passed and the student must transfer schools or depart the U.S.
3. **Maintain a valid passport.** F1 students must have a valid, unexpired passport.

4. **Refrain from participation in unauthorized employment.** All employment must be approved by International Student Services. F1 students cannot begin employment or accept employment until it has been approved. Accepting unauthorized employment could result in immediate termination of the F1 visa.
5. **Update contact information within 10 days.** F1 students must notify International Student Services of any address change within 10 days of moving. F1 students must provide up-to-date contact information including a phone number, email address and emergency contact information on the International Student Contact Information Form (https://pr.cf.edu/files/SA-INT8_F-1_International_Student_Contact_Information_Form.pdf)
6. **Maintain health and accident insurance coverage.** F1 students are required to be covered by health and accident insurance during their entire time at CF, including summer semesters and while on OPT. Students must purchase insurance, either from Insurance for College Students (IFCS) or an approved alternate policy. New students must provide proof of insurance at orientation. For current students, insurance will be verified each semester prior to registration.
7. **Know the tuition and fee payment responsibilities.** F1 students must pay their full tuition and fees by the due date specified on the course registration schedule each semester that they are enrolled. If they fail to pay their full tuition balance by the due date, they will be removed from all of their courses. F1 students not enrolled during the semester will be considered out of status, the I-20 will be immediately terminated and the student will be required to depart the U.S. All F1 students are considered non-Florida residents for tuition purposes and are not eligible for in-state tuition unless they attended a Florida public high school on an approved visa for the proceeding three years. This will be verified by the official high school transcript and subsequent completion of House Bill 851 Nonresident Tuition Waiver for Select High School Graduates. This must be completed prior to each semester for duration of enrollment and submitted to the Office of Enrollment Services.
8. **Have I-20 signed before traveling outside the U.S.** Before traveling outside the United States, F1 students must check their documents carefully. Before leaving the U.S., the student must bring their I-20 to International Student Services for an updated signature on page 2 to verify that they are currently in-status. Only a Designated School Official (DSO) may sign the I-20.
9. **Maintain academic standing.** F1 students must maintain an overall grade point average (G.P.A.) of 2.0 and make progress towards their academic degree program. F1 students who are placed on academic suspension or dismissal will be considered out-of-status, their I-20 will be terminated, and they must depart the U.S.
10. **Comply with all CF rules and regulations.** F1 students must comply with all rules and regulations while attending CF, including the Academic Integrity and Honor Code.
11. **Comply with all USCIS regulations.** F1 students must comply with all the federal regulations required of their visa, as listed on page 3 of their I-20. F1 students must sign their I- 20 prior to entering the U.S. which acknowledges that they have read and agree with the terms and conditions of their I-20.

Admissions Requirements for Baccalaureate Programs

Admission to the Bachelor of Applied Science in Business and Organizational Management requires that an applicant has already earned an A.A.S, A.S. or A.A. and has earned at least a 2.0 grade point average on a 4.0 scale prior to being admitted. Students can apply during their final semester in an A.A.S., A.S. or A.A. program, but acceptance will not be granted until the completion of the associate degree has been confirmed. Students must also complete a baccalaureate program admission application and pay the application fee.

Admission to the Bachelor of Science in Early Childhood Education requires that an applicant has already earned an A.A.S., A.S. or A.A. and has earned at least a 2.5 grade point average on a 4.0 scale and completed EDF 2005 Introduction to the Teaching Profession and EEC 2200 Curriculum in Childhood Education. Students can apply during their final semester in an A.S. or A.A. program, but acceptance will not be granted until the completion of the associate degree has been confirmed. Students must also complete a baccalaureate program admission application and pay the application fee. Students may be required to obtain and pass an FDLE Level II background screening, and any other site-based requirements, prior to beginning field experience.

Consideration for acceptance to the Bachelor of Science in Nursing program requires that an applicant has already earned an Associate Degree in Nursing from a regionally accredited higher education institution and has earned at least a 2.5 grade point average on a 4.0 scale. Transfer students may be evaluated on an individual basis pursuant to the statewide articulation agreement for RN to BSN programs. Students can apply during their final semester in an Associate Degree in Nursing program, but acceptance will not be granted until the completion of the associate degree has been confirmed. An active, unencumbered Florida RN license must be submitted before beginning the required clinical experiences during the first semester. Students also must complete a CF baccalaureate program admissions application and pay the application fee prior to making application for acceptance into the RN to BSN program. Application to CF and application for acceptance into the Nursing baccalaureate program are two separate forms.

Students articulating with an A.A.S. or an A.S. degree will need to complete additional general education courses to meet the 36- credit hour requirement. Students articulating with an A.A. degree may need to complete some upper-level core course prerequisites.

Students must meet the Southern Association of Colleges and Schools Commission on Colleges requirement for residency, which requires that CF award at least 25 percent of the program courses in the declared major. This means that 15 of the 60 upper-level

(3000/4000) course credits must be taken at College of Central Florida.

Special Requirements

Audit Students

Students will follow the regular registration and payment process. Students must submit a request to change to audit status in the Enrollment Services Center at the Ocala Campus or Citrus Campus. Exceptions to the audit policy require approval of the dean and will count as an attempt. The audit policy is not applicable to Health Sciences, Criminal Justice, science labs, and college preparatory and dual enrollment students. See Grade Forgiveness Policy and Withdrawal policies.

Child Care Students

To comply with Florida law, Chapter 402.3055 2(a), each prospective student **must** be fingerprinted and undergo a Florida Department of Law Enforcement Level II background screening. The cost of these procedures is the responsibility of the student. Information received is confidential and is required to determine the prospective student's ability to work with children.

Criminal Justice Students

See Criminal Justice Technology and Florida Law Enforcement Academy for more information.

Degree-Seeking Students

Placement Testing: Degree-seeking applicants to any university or community college in the Florida state system must present placement test scores taken within the last two years as part of the application process or meet the exemption according to Senate Bill 1720. CF accepts any of the three tests authorized by the state (ACT, SAT, CLT or the Postsecondary Education Readiness Test). PERT is the official placement test for state colleges in Florida. CF regularly offers PERT at its campuses. Placement tests provide information about the reading, English and mathematics skills that are required for success in college. By assessing ability levels in these areas, placement tests help determine the most appropriate English, mathematics and reading courses students should take. Scoring below the required cutoff score indicates the student is not ready for college-level work in the specific area. Florida requires these students who are not exempt to complete college preparatory course work prior to entering college-level work in the weak areas.

New degree-seeking students may not register for classes unless CF has placement test scores on file or the student has met the exemption according to Senate Bill 1720. PERT sample test question booklets and ACT and SAT registration packets are available at the CF Ocala Campus Testing Center (Bryant Student Union, Room 205), as well as at the Wilton Simpson Citrus Campus Counseling Office.

Suspended Students

A student who has been placed on academic suspension and is ineligible to return to CF or the previous institution attended must file a petition for admission to CF. The student must schedule a return from suspension appointment with an advisor. See Petitions and Academic Review for petitions information.

Transient Students

Transient students must submit a transient form showing good standing from their home institution prior to registering at CF. The transient form must also list those courses in which the student wishes to enroll, as well as their residency status for tuition purposes.

Transfer Students

Transfer students must be eligible to return to the last institution attended for admission to CF through regular procedures. Those who have been suspended from another institution are required to file a petition for admission. See Petitions and Academic Review for petitions information. Students whose status is academic probation at their last institution will transfer to CF with the status of academic probation.

Residency Requirements

Florida Resident Information and Requirements

All applicants for admission to College of Central Florida, degree seeking or non-degree seeking, full-time or part-time, are required to execute a Residency Declaration form if they claim in-state residence. If the applicant is under 24 years of age and unmarried, the declaration form must be completed by a parent or legal guardian. These guidelines implement s. 1009.21, F. S., and Rule 6A-10.044, Florida Administrative Code, for the purpose of determining residency status for tuition purposes in public state colleges and universities.

A Florida resident, for tuition purposes, is a person who has, or a dependent person whose parent or legal guardian has, established and maintained legal residence in Florida for at least 12 months immediately prior to the first day of classes for the semester in which residency status is sought. **Anyone not establishing residency by this date must apply for reclassification in a following semester**. Residence in Florida must be for the purpose of establishing a bona fide domicile and not merely incidental to enrollment at an institution of higher education. Other persons not meeting the 12-month legal residence requirement may be classified as Florida residents for tuition purposes only if they fall within one of the limited special categories authorized by the Florida Legislature. All other persons are ineligible for classification as a Florida resident for tuition purposes. To qualify as a Florida resident for tuition purposes, it is necessary to be a U.S. citizen, a permanent resident alien or a legal alien granted indefinite stay by the Department of Homeland Security. Living in or attending school in Florida will not, in itself, establish legal residence. Students who depend on out-of-state parents for support are presumed to be legal residents of the same state as their parents. Documents supporting the establishment of legal residence must be dated, issued or filed 12 months immediately prior to the first day of classes of the semester for which a Florida resident classification is sought.

A copy of the most recent tax return or other documentation may be requested to establish dependence/independence. A dependent child is defined as a person, whether or not living with his or her parent, who is eligible to be claimed by his or her parent as a dependent under the federal income tax code. An

independent person is defined as someone 24 years of age or older or who provides more than 50 percent of his or her own support as defined by the Internal Revenue Service.

Establishing Residency

A Florida resident for tuition purposes must qualify in one of the following categories:

1. If a dependent child has been residing continuously with a legal resident adult relative other than the parent for at least three years immediately prior to the first day of classes of the term for which Florida residency is sought, the dependent child may provide documentation from the adult relative or from the parent. Both the dependent child and the adult relative or the parent must meet the consecutive 12-month legal residence requirement [s. 1009.21 (2)(b), F.S.].
2. The legal residence of a dependent child whose parents are divorced, separated, or otherwise living apart will be considered Florida if either parent is a legal resident of this state - regardless of who claims the dependent individual for federal income tax purposes. [s. 1009.21(2)(c), F.S.]
3. For a dependent child, the legal residence of his/her parents is prima facie evidence (i.e., evidence that establishes a fact if uncontested) of the child's legal residence; however, the evidence may be reinforced or rebutted, relative to the age and general circumstances of the dependent child, by the other evidence of legal residence required of or presented by the dependent child. [s. 1009.21(4), F.S.]
4. For a dependent child, the legal residence of his/her parents who are domiciled outside this state is not prima facie evidence (i.e., evidence that establishes a fact if uncontested) of the child's legal residence if that child has lived in this state for five consecutive years prior to enrolling or reregistering at a higher education institution. [s. 1009.21(4), F.S.]
5. A person who physically resides in the state may be classified as a resident for tuition purposes if he or she marries a person who meets the 12-month requirement and who is a legal resident. [s. 1009.21(5), F.S.].
6. A person who is classified as a nonresident for tuition purposes and who marries a legal resident of the state or marries a person who becomes a legal resident of the state may, upon becoming a legal resident of the state, become eligible for reclassification as a resident for tuition purposes upon submitting evidence of his or her own legal residency in the state, evidence of his or her marriage to a person who is a legal resident of the state, and evidence of the spouse's legal residence in the state for at least 12 consecutive months immediately preceding the application for reclassification. [s.1009.21(6)(d), F.S.]
7. An individual shall not lose his or her resident status solely by reason of his/her service or parent's service in the Armed Forces outside this state. [s. 1009.21(7), F.S.]
8. For individuals who have been classified properly as residents for tuition purposes but who, while enrolled, lose resident tuition status because he/she or his/her parents establish domicile or legal residence elsewhere, shall have the benefit of in-state tuition for a 12-month grace period (extended to the end of the term in which the 12 months is reached). [s.1009.21(8), F.S.]
9. Persons who were enrolled as Florida residents for tuition purposes at a Florida public IHE, but who abandon Florida domicile and then re-enroll in Florida within 12 months of the abandonment - provided that he/she continuously maintains the re-established domicile in Florida during the period of enrollment. (This benefit only applies one time.) [s.1009.21(9), F.S.].
10. Active duty members of the Armed Services of the United States residing or stationed in Florida (and spouse/dependent children) and active drilling members of the Florida National Guard [s. 1009.21(10)(a), F.S.]; or military personnel not stationed in Florida whose home of record or state of legal residence certificate, DD Form 2058, is Florida (and spouse/dependent children). [s. 1009.21(2)(a), F.S.].
11. Active duty members of the Armed Services of the United States and their spouses/dependent children attending a public college or university within 50 miles of the military establishment where they are stationed, if such military establishment is within a county contiguous to Florida. [s.1009.21(10)(b), F.S.].
12. United States citizens living on the Isthmus of Panama, who have completed 12 consecutive months of college work at the Florida State University Panama Canal Branch, and their spouses and dependent children. [s. 1009.21(10)(c), F.S.].
13. Full time instructional and administrative personnel employed by the State of Florida public school system and Florida public IHE (and spouse/dependent children). See Appendix A, Frequently Asked Questions, for definition of instructional and administrative personnel. [s. 1009.21(10)(d), F.S.].
14. Students from Latin America and the Caribbean who receive scholarships from the federal or state government. The student must attend, on a fulltime basis, a Florida public IHE. See Section 7.0, Immigration and International Student Issues, for more information on the qualifying scholarships. [s.1009.21(10)(e), F.S.].
15. Southern Regional Education Board's Academic Common Market graduate students attending Florida's state universities. [s. 1009.21(10)(f), F.S.].
16. Full-time employees of state agencies or political subdivisions of the state when the student fees are paid by the state agency or political subdivision for the purpose of job-related law enforcement or corrections training. [s.009.21(10)g), F.S.].
17. McKnight Doctoral Fellows and Finalists who are United States citizens. [s.1009.21(10)(h), F.S.].
18. United States citizens living outside the United States who are teaching at a Department of Defense Dependent School or in an American International School and who enroll in a graduate level education program which leads to a Florida teaching certificate. [s. 1009.21(10)(i), F.S.].

19. Active duty members of the Canadian military residing or stationed in this state under the North American Air Defense (NORAD) agreement, and their spouses and dependent children, attending a public community college or university within 50 miles of the military establishment where they are stationed. [s. 1009.21(10)(j), F.S.].
20. Active duty members of a foreign nation's military who are serving as liaison officers and are residing or stationed in this state, and their spouses and dependent children attending a community college or state university within 50 miles of the military establishment where the foreign liaison officer is stationed. [s. 1009.21(10)(k), F.S.].
21. Qualified beneficiaries under the Stanley G. Tate Florida Pre-Paid College Program per s. 1009.98, F.S. (Pre-Paid ID Card Required). [s. 1009.98(2)(b)1, F.S.].
22. Linkage Institute participants receiving partial or full exemptions from s. 1009.21, F.S., based on criteria approved by the Florida Department of Education per s. 288.8175(5), F.S., which establishes linkage institutes between postsecondary institutions in this state and foreign countries. See Section 7.0, Immigration and International Student Issues, for more information on Linkage Institutes. [s.288.8175(5), F.S.]

NOTE: Documentation in support of the above qualifications is required.

Documents for Proof of Residency

To qualify as a resident for tuition purposes, an applicant or the dependent applicant's parent/legal guardian must establish and maintain legal residency in Florida. The documents supporting the establishment of legal residency must be dated, issued or filed 12 months immediately prior to the first day of classes of the semester for which a Florida resident classification is sought. **These supporting residency documents must be received in the Admissions Office by the end of the regular posted add/drop period for that semester.** All documentation is subject to verification. Additional documentation, other than what is stated below, may be requested in some cases.

If an applicant qualifies for a residency exception or qualification, then appropriate documentation must be submitted to evidence entitlement to that exception or qualification. Such evidence is generally specific to the type of residency exception or qualification being claimed by the applicant.

If an applicant does not qualify for a residency exception or qualification, he/she will have to submit documentation that he/she (or a parent if a dependent) has been a Florida resident for at least 12 consecutive months prior to the first day of classes for which the student is enrolling. At least two of the following documents must be submitted with dates that evidence the 12-month qualifying period. At least one of the documents must be from the First Tier. As some evidence is more persuasive than others, more than two may be requested. No single piece of documentation will be considered conclusive.

1. The documents must include at least one of the following:
    a. a Florida voter's registration card
    b. a Florida driver's license
    c. a State of Florida identification card (must not possess a valid driver's license from another state)
    d. a Florida vehicle registration
    e. proof of a permanent home in Florida that is occupied as a primary residence by the individual or by the individual's parent if the individual is a dependent child
    f. proof of a homestead exemption in Florida
    g. transcripts from a Florida high school for multiple years if the Florida high school diploma or GED was earned within the last 12 months
    h. proof of permanent full-time employment in Florida for at least 30 hours per week for a 12-month period
2. The documents may include one or more of the following:
    a. a declaration of domicile in Florida
    b. a Florida professional or occupational license
    c. Florida incorporation
    d. a document evidencing family ties to a Florida resident, as defined by tuition purposes
    e. proof of membership in a Florida-based charitable or professional organization
    f. any other documentation that supports the student's request for resident status, including, but not limited to, utility bills and proof of 12 consecutive months of payments; a lease agreement and proof of 12 consecutive months of payments; or an official state, federal or court document evidencing legal ties to Florida.

Examples of documents that may **not** be used:

- Hunting/fishing licenses
- Library cards
- Shopping club/rental cards
- Birth certificate
- Passport
- Social Security Card
- Florida Concealed Weapons permit
- Insurance Card

NOTE: Retroactive changes and refunds for prior semesters will not be made.

International/Eligible Non-Citizen Categories

Permanent Resident - A person who has been granted permanent resident status in the U.S. and has (or is waiting for) a Permanent Resident Card (identified as either Form I-151 or Form I- 551). Permanent residents are eligible to establish residency for tuition purposes in Florida.

Non-Immigrant - A foreign national seeking to enter the U.S. temporarily and for a specific purpose. Once in the U.S., they are restricted to the activity or reason for which their visa was issued. Individuals with certain non-immigrant visas are eligible to establish residency for tuition purposes in Florida.

Unauthorized Aliens - A foreign national who lives in the U.S. without the required documentation. An unauthorized alien is not eligible to establish residency for tuition purposes in Florida. However, a dependent child who is a United States citizen may not be denied classification as a resident for tuition purposes based solely upon the immigration status of his or her parents.

Reclassification

It is important to understand that living in or attending school in Florida is not sufficient evidence to establish residency for tuition purposes. Students must show that they were in Florida to maintain a bona fide domicile. The reclassification process is not automatic. Students who wish to be considered for a reclassification must submit a petition for reclassification no later than the posted add/drop period of the semester for which they desire the reclassification.

Reclassification Application

A student who is classified as out-of-state and wants to request "reclassification" to instate status must complete a Residency Declaration at the Florida public IHE and submit to the appropriate office for consideration prior to the term for which reclassification is sought.

Documentary Evidence

The evidentiary requirement for reclassification goes beyond that for an initial classification, because these individuals have previously been determined to be out-of-state residents. An individual who is initially classified as a nonresident for tuition purposes may become eligible for reclassification as a resident for tuition purposes only if that individual, or his or her parent if that individual is a dependent, presents clear and convincing documentation that supports permanent legal residency in this state for 12 consecutive months. A student, or his or her parent if that student is a dependent, may become eligible for reclassification by presenting a minimum of three (3) documents identified below. One of the three documents must come from the first tier.

First Tier (at Least One of the Two Documents Submitted Must be from this List)

1. a Florida voter's registration card.
2. a Florida driver's license.
3. a State of Florida identification card.
4. a Florida vehicle registration.
5. proof of a permanent home in Florida which is occupied as a primary residence by the individual or by the individual's parent if the individual is a dependent child.
6. proof of a homestead exemption in Florida.
7. transcripts from a Florida high school for multiple years (2 or more years) if the Florida high school diploma or GED was earned within the last 12 months.
8. proof of permanent full-time employment in Florida for at least 30 hours per week for a consecutive 12-month period.

Second Tier (May be Used in Conjunction with One Document from First Tier)

1. a declaration of domicile in Florida.
2. a Florida professional or occupational license.
3. Florida incorporation.
4. a document evidencing verifiable family ties to a Florida resident, as defined by tuition purposes.
5. proof of membership in a Florida-based charitable or professional organization.
6. any other documentation that supports the student's request for resident status, including, but not limited to, utility bills and proof of 12 consecutive months of payments; a lease agreement and proof of 12 consecutive months of payments; or an official state, federal, or court document evidencing legal ties to Florida.

Examples of documents that may not be used

- Hunting/fishing licenses
- Library cards
- Shopping club/rental cards
- Birth certificate
- Passport
- Social Security Card
- Florida Concealed Weapons permit
- Insurance Card

The burden of providing clear and convincing documentation that justifies the Florida public IHE's classification of a student as a resident for tuition purposes rests with the student, or if the student is a dependent, his or her parent. For documentation to be "clear and convincing" it must be credible, trustworthy, and sufficient to persuade the Florida public IHE that the student or, if that student is a dependent, his or her parent, has established legal residency in Florida that is not solely for the purpose of pursuing an education and has relinquished residency in any other state for a minimum of 12 consecutive months prior to classification. Each Florida public IHE may establish submission deadlines for all documentation that will be used to determine residency for tuition purposes. S. 1009.21(6)(a), F.S. emphasizes the need for clear and convincing documentation that supports permanent legal residency in the state for at least 12 consecutive months rather than temporary residence for the purposes of education. The two examples provided are not intended to be the exclusive means under that subsection to permit reclassification of a student for tuition purposes. Not all potential circumstances which may be presented under that subsection will require a student to relinquish enrollment during the 12 month qualifying period. The primary objective of the section is to require students to submit documentation that clearly and convincingly demonstrates the establishment of permanent legal residency in Florida for at least 12 consecutive months and that such residency is not on a temporary basis for the purpose of obtaining an education.

An individual who is classified as a non-resident for tuition purposes and who marries a legal resident of the state and becomes a legal resident may become eligible for reclassification by submitting proof of his/her legal residency, evidence of his/her marriage to a legal resident, and evidence of his/her spouse's legal residence in Florida for at least 12 consecutive months immediately preceding the application for reclassification. The individual does not have to satisfy the requisite 12-month qualifying period. [s. 1009.21(6)(d), F.S.]

NOTE: Retroactive changes and refunds for prior semesters will not be made.

Appeals

Students may appeal their residency or reclassification decision in accordance with s. 1009.21(11), F.S.

1. The student must appeal to the registrar or designee with the Office of Enrollment Services prior to requesting an appeal from the committee.
2. The student must complete the Appeal for Florida Residency Classification for Tuition Purposes Form and state the reason(s) for appealing the residency decision. The explanation should address any information that was not previously submitted or considered.
3. A copy of all new and previously submitted documents supporting the Florida residency claim must be attached to the form.
4. The form must be signed by the student and submitted with all required documents to the Office of Enrollment Services.
5. The registrar or designee will review the request to ensure that the student already appealed to the appropriate personnel. If not, the registrar or designee will initiate that process, sign the appeal form, and forward it to the vice president of Student Affairs office with all attached documents and any necessary comments within five business days of receipt of the completed appeal form.
6. At its regularly scheduled meetings, the Academic Exceptions and Petitions Review Committee will review the appeals submitted for that month. The committee may request additional information from the student or registrar in order to make its decision.
7. Upon review, the committee will inform the student of its decision in writing.
8. The Academic Exceptions and Petitions Review Committee's decision is final and may not be appealed.

Workforce Admissions Procedure

Area Vocational Education School (Occupational Certificate Programs)

A new student seeking an occupational certificate must:

1. Complete a college application for admission.
2. Complete the Test of Adult Basic Education or the Postsecondary Education Readiness Test or meet the exemption requirement.
3. Pay the appropriate application fee.

After completion of the steps above, if there is space available in the program, the new applicant must register through an advisor at the appropriate campus. Students in the Welding Technology program should see an advisor at the Levy Campus. Students may pay fees by mail or at the Cashiers Office in the Bryant Student Union at the Ocala Campus, Citrus Campus or Levy Campus administrative offices.

Testing Information

The CF testing centers at the Ocala, Citrus, and Levy locations offer a variety of testing services required for admission and placement into academic and vocational programs, as well as for special fields of training. CF testing centers offer many other types of tests to students, to local industries, and to the public. Such tests include interest inventories, values inventories, personality inventories, employment development inventories, career assessment, computer skills tests, occupational skills tests, aptitude tests, achievement tests, college major interest tests, college adjustment scales, academic skills tests, customer service skills tests, professional employment tests, temperament analysis tests, personnel tests, industry certification tests and many others.

Details on all testing services such as testing dates, cost, test duration, retake policies and other testing requirements are available on the Testing Center website: CF.edu/Testing.

Appropriate disability-related accommodations are available for Testing Center services. For more information, visit the Accessibility Services office website at CF.edu/Access.

Placement cut scores for degree-seeking, first-time-in-college students, are approved by the State Board of Education (F.A.C. Rule 6A-10.0315, Common Placement Testing and Instruction, as amended).

Placement Test Scores

Reading

Course	ACT	Digital SAT (Effective June 2023)	SAT (After Mar 2016)	SATU (Prior to Mar 2016)	PERT	Accuplacer Next Gen	Advanced Algebra Functions AAF (CLM)	PSAT/NMSQT (PSAT10 College Board)	PreACT©	Classic Learning Test (CLT)
REA0007	13 and below	370 and below	18 and below	320 and below	50-83	less than 200				
REA0017	14-18	371-489	19-23	330-429	84-105	200-225				
College Level	19 or higher	490 or higher	24 or higher	430 or higher	106-150	226-244		24	22	

English

Course	ACT	Digital SAT (Effective June 2023)	SAT (After Mar 2016)	SATU (Prior to Mar 2016)	PERT	Accuplacer Next Gen	Advanced Algebra Functions AAF (CLM)	PSAT/NMSQT (PSAT10 College Board)	PreACT©	Classic Learning Test (CLT)
ENC0015	12 and below	370 and below	18 and below	329 and below	50-89	less than 200				
ENC0025	13-16	371-489	19-24	330-449	90-102	200-225				
College Level	17 or higher	490 or higher	25 or higher	450 or higher	103-150	226-244		25	18	

Mathematics

Course	ACT	Digital SAT (Effective June 2023)	SAT (After Mar 2016)	SATU (Prior to Mar 2016)	PERT	Accuplacer Next Gen	Advanced Algebra Functions AAF (CLM)	PSAT/NMSQT (PSAT10 College Board)	PreACT©	Classic Learning Test (CLT)
MAT0057	18 and below	479 and below	23.5 and below	470 and below	50-113	Up to 241	Up to 241			

MAT1033, OR STA2023	19-24	480-529	24-26.5	480-520 (MAT1033) 530 or higher	114-122	242-257	242-249	24	22	
MAC1105, STA2023 *(Qualitative Reasoning)*										19-40
MAC1105, MGF1130, MGF1131										16-80
MAC1105	21 or higher	530 or higher	26.5 or higher	530 or higher	123 or higher	261-300	250-269			
MAC1114, MAC1140, MAC1147			Must take AAF/CLM				270-279			
MAC2233, MAC2311			Must take AAF/CLM				280-300			
Sum of the Verbal Reasoning and Grammar/Writing Sections										36-80

The above information was compiled by the CF Testing Center, formulated from test and score requirements in effect at the date of publication, and is subject to change. Refer to the Florida Department of Education common placement testing at http://www.fldoe.org/schools/higher-ed/flcollege-system/common-placement-testing.stml. If a student chooses to take the AAF, these scores will be used as the first priority in determining math placement.

PERT Placement Test Scores for Non-Native English Speakers and Enrollment in EAP and Degree Program Courses:

CPT Individual scores in the skill areas below:	**EAP Level 1 Courses**	**EAP Level 2 Courses**	**Degree Program Courses**
PERT Reading Comprehension and Sentence Skills	**83 or below**, student is placed in EAP level 1 courses	**Score of 84-105**, student is placed EAP level 2 courses	**Score of 106**
PERT Writing	**89 or below**, student is placed in EAP level 1 courses	**Score of 90-102**, student is placed EAP level 2 courses	**Score of 103**

Accuplacer ESL Placement Test Scores for non-Native English Speakers and Enrollment in EAP and College Level Courses:

Accuplacer ESL scores in the skill areas below:	**EAP Level 1 Courses**	**EAP Level 2 Courses**	**College Level Courses****
Reading	20-95	96-106	107-120
Sentence Meaning	20-95	96-106	107-120
Oral Interpretation (Listening)	0-69	70 or higher	N/A
Language Use	N/A	23-89	90-104
Writeplacer	N/A		

*** Requires PERT scores above 106 above on reading and above 103 on writing, otherwise EAP level 2 is recommended.*

English for Academic Purposes, EAP

English for Academic Purposes credit courses at College of Central Florida are listed in the catalog under the college prep heading beginning with the code EAP. These credit courses are designed to prepare a non-native English speaker for success in college-level courses, including ENC 1101. EAP courses are an integral part of the degree program for non-native English speakers. The EAP program improves English skills including grammar, reading, writing, listening and speaking.

An interactive language laboratory, online tutorials and free tutoring assistance are just a few of the tools that are available to students in the EAP program.

Alternative Placement Testing for Non-Native English Speakers

CF does not require English proficiency test scores for admission of international students. CF students take a placement test to assess their English proficiency. Students whose test results show adequate skills will be eligible for college-level, degree coursework. Others will be required to take English as Second Language for Academic Purposes (EAP) classes until language requirements have been met.

If a student has official Test of English as a Foreign Language, TOEFL, International English Language Testing System, IELTS, or Society for Testing English Proficiency, STEP, scores, no older than 12 months, the following chart shows the minimum accepted scores for placement directly into ENC 1101. These test scores will only be accepted prior to the first day of class.

Students submitting alternative test scores that meet the minimum requirement as indicated in the graph below must still take the mathematics section of the PERT placement test.

	TOEFL IBT	**CBT**	**PBT**	**IELTS**	**STEP**
Degree credit courses	61 and above	173 and above	500 and above	5.5 and above	Grade 2A and above

Admission Procedures

After the student's application is processed, the Office of Admissions and Student Recruitment sends the student an email with specific instructions, including the student's CF ID. The student must submit all required documents and official transcripts to be admitted. Once admitted, the student will receive an additional email with information about the orientation and registration process.

Any changes in address, name, marital status, residency or citizenship should be reported promptly to the Enrollment Services Center or changed by logging into the CF student portal.

Credit By Examination

College of Central Florida welcomes a variety of students of all ages to our campus. Many students bring a depth of knowledge to specific subjects. We recognize and honor such knowledge by awarding credit by examinations. s. 1007.27 (2), F. S., requires the Articulation Coordinating Committee, ACC, to establish passing scores and course and credit equivalents for such exams. Public community colleges and universities in Florida are requested to follow the ACC's recommendation concerning their examination policies. Credit awarded by exam may not duplicate other credit. Institutions may not award credit for scores below those listed by the ACC. CF students may satisfy up to 45 semester hours of course credit through any combination of credit by examination (e.g., CLEP, AP, AICE, IB, Dantes and/or Excelsior College). Hours toward graduation are recorded as "credit by examination" with no grades or quality points given. These credits do not affect a student's grade point average. **Score minimums, credit hours awarded and course equivalences awarded are subject to change for any examination without prior notice.**

AICE Policy

Course Credit Awarded for Cambridge AICE (British A-Level) Examinations.

Exams	**Passing Score of A, B, C, D, E** *(Grades not based on American A-F grading scale)*	**General Education Credit for A.A. Degree**
Accounting (AS-level)	ACG X001 (min. 3 cr.)	Elective
Accounting (A-level)	ACG X001 and ACG XXXX (min. 6 cr.)	Elective
Art and Design (AS-level)	No number recommendation (min. 3 cr.)	
Art and Design (A-Level)	No number recommendations (min. 6 cr.)	
Applied ICT - Information Communication Technology (A-Level)	CGS 1060 or CGS 1100 (min. 3 cr.)	Elective, Computer Competency
Applied ICT - Information Communication Technology (AS-Level)	CGS 1060 and CGS 1100 (min. 6 cr.)	Elective, Computer Competency
Biology (AS-level)	BSC 1005 and BSC 1005L (min 4 cr.)	Natural Science, State Core
Biology (A-level)	BSC 2010 and BSC 2010L and BSC 1005 (min. 7 cr.)	Natural Science, State Core and Institutional Core
Business Studies (AS-level)	GEB 1011 (min 3 cr.)	Elective
Business Studies (A-level)	GEB 1011 and GEB XXXX (min 6 cr.)	Elective
Chemistry (AS-level)	CHM X020C^{core} or CHM X020/020L^{core} or CHM X025C or CHM X025/025L (min. 4 credits)	Physical Science
Chemistry (A-level)	CHM X020C^{core} or CHM X020/020L^{core} or CHMJC025C or CHM X025/025L and CHM X045C^{core} or CHM X045/045L^{core} (min 8 credits)	Physical Science
Classical Studies (AS-level)	CLA X010 (min 3 cr.)	Elective
Computing (AS-level)	CGS 1073 (min 3 cr.)	Elective
Computing (A-level)	CGS 1073 and CGS 1074 (min. 6 cr.)	Elective
Computer Science (AS-level)	COP X000 (min. 3 cr.)	
Computer Science (A-level)	COPX000 and COPX220 (min. 6 cr.)	
Design and Technology (AS-level)	ETI X482C (min 3 cr.)	
Design and Technology (A-level)	ETI X482C and ETI XXXX (min 3 cr.)	
Divinity (AS-level)	REL 2210	Elective
Divinity (A-level)	REL 2210 and REL 2240	Elective
Economics (AS-level)	ECO X000 (min 3 cr.)	Elective
Economics (A-level)	ECO 2013 and ECO 2023 (min. 6 cr.)	Social Science
English (AS-level) English Language or Language & Literature in English	ENC 1101 (3 cr.)	Communication, English State Core
English (AS-level) Literature in English	ENC 1101 or ENC 1102 (min 3 cr.) Awards credit for ENC 1102 only of student has credit for ENC 1101	Communication, English State Core and English Institutional Core
English (A-level)	ENC 1101 and either ENC 1102 or LIT 1000 (min 6 cr.)	Communication, English State Core and English Institutional Core
English (A-Level) Literature in English	ENC 1101 and either ENC 1102 or LIT 1000 (min. 6 cr)	Communication, English State Core and English Institutional Core
Environmental Management (AS-level)	EVR 1001 and EVR 1001L (min 3 cr.)	Natural Science, State Core
French Language (AS-level)	FRE 1120 (min. 4 cr.)	Foreign Language Competency, Elective

French Literature (AS-level)	One semester of literature survey credit (min. 3 cr.)	
French (A-level)	FRE 1120 and FRE 1121 (min. 8 cr.)	Foreign Language Competency, Elective
Further Mathematics (A-level)	MAC 2311and MAC 2312 or STA 2023 (min. 8 cr.)	Mathematics, State Core and Institutional Core
General Paper	IDS X110 (min 3 cr.)	Elective
Geography (AS-level)	GEA 2000 (min. 3 cr.)	Physical Science
Geography (A-level)	GEO 2000 and GEO X400 (min. 8 cr.)	Physical Science
German Language (AS-level)	GER XXXX (min. 3 cr.)	Elective
German Language (A-level)	GER XXXX and GER XXXX (min. 6 cr.)	Elective
Global Perspectives 1 (AS-Level)	ISS 1013 (min. 3 cr.)	Elective
Global Perspectives Pre-U Independent Research II (A-Level)	ISS 1013 (min. 3 cr.)	Elective
History-The History of the USA c. 1840-1968	AMH X042 (min. 3 cr.)	Elective
History-Modern European History, 1789-1939	EUH X031 or EUH X0002 (min. 3 cr.)	Elective
History-International History, 1945-1991	HIS X206 or WOH X040 (min. 3 cr.)	Elective
History, US History, c. 1840-1941 (AS-Level)	AMH X029	
History, US History, c. 1840-1990 (A-Level)	AMH X029 and AMH X020 core (6 cr.)	
History, European History, c. 1789-1917 (AS-Level)	EUH X031 (3 cr.)	
History, European History, c. 1789-1941 (A-Level)	EUH X031 and EUH XXXX (6 cr.)	
History, International Relations/History, c. 1871-1945 (AS-Level)	WOH X040 (3 cr.)	
History, International Relations/History, c. 1871-1991 (A-Level)	WOH X040 and WOH X043 (6 cr.)	
Latin (AS-level)	LAT XXXX (min. 3 cr.)	Elective
Marine Science (AS-level)	OCE 1001 (min. 3 cr.)	Natural Science, Instructional Core
Marine Science (A-level)	OCE 1001 and OCB X000 (min. 6 cr.)	Natural Science, Instructional Core
Mathematics (AS-level)	MAC 1147 or MAC 1140 and MAC 1114 (min. 6 cr.)	Mathematics, Institutional Core
Mathematics (A-level)	MAC 2311 and MAC 1114 (min. 6 cr.)	Mathematics, State Core
Media Studies (AS-Level)	DIG X000 (min. 3 cr.)	Elective
Media Studies (A-Level)	DIG X000 and DIG X001 or DIG X030 (min. 6 cr.) (min. 3 cr.)	Elective
Music (AS-level)	MUH X001 (min. 3 cr.)	Elective
Music (A-level)	MUH X001 and MUH X011 (min. 6 cr.)	Elective
Physics (AS-level)	PHY 1020 (min 3 cr.)	Natural Science, State Core
Physics (A-level)	PHY 1053C and PHY 1054C (min. 8 cr.)	Natural Science, State Core
Psychology (AS-level)	PSY 2012 (min. 3 cr.)	Social Science, State Core
Psychology (A-level)	PSY 2012 and PSY XXXX (min. 6 cr.)	Social Science, State Core
Sociology (AS-level)	SYG 2000 (min. 3 cr.)	Social Science, State Core
Sociology (A-level)	SYG 2000 (min. 3 cr.)	Social Science, State Core
Spanish Language (AS-level)	SPN 1120 (min. 4 cr.)	Elective
Spanish Literature (AS-level)	SPN XXXX (min. 4 cr.)	Elective
Spanish (A-level)	SPN 1120 and SPN 1121 (min. 6 cr.)	Elective
Thinking Skills (AS-level)	PHI X103 or PHI X401 (min. 3 cr.)	Elective

Thinking Skills (A-level)	PHI X103 or PHI X401 and PHI 2010 (min. 6 cr.)	Elective
Travel and Tourism (AS-level)	HFT X000 or HFT X700 (min.3 cr.)	Elective
Travel and Tourism (A-level)	HFT X000 or HFT X700 and other Hospitality Management related credit (min. 6 cr.)	Elective

AP Policy, AP

Course Credit Awarded for Advanced Placement Examinations.

Exam	Score of 3	Score of 4	Score of 5	General Education Credit for A.A. Degree
Art History	ARH 1000 (min. 3 cr.)	ARH 2050 and ARH 2051 (min. 6 cr.)	Same as 4	Score of 3: Humanities, State Core Score of 4 and 5: Humanities, Institutional Core
Biology	BSC 1005 and BSC 1005L (min. 4 cr.)	BSC 2010 and BSC 2010L (min. 4 cr.)	BSC 2010 and BSC 2010L and BSC 2011 and BSC 2011L (min. 8 cr.)	Score of 3: Natural Science, State Core Score of 4: Natural Science, State Core Score of 5: Natural Science, State Core and Institutional Core
Calculus AB	MAC 2311 (min. 5 cr.)	Same as 3	Same as 3	Mathematics, State Core
Calculus BC	MAC 2311 (min. 5 cr.)	MAC 2311 and MAC 2312 (min. 8 cr.)	Same as 4	Mathematics, State Core and Institutional Core
Capstone Research	IDS XXXX (min. 3 cr.)	Same as 3	Same as 3	Institutional discretion when applying equivalencies
Capstone Seminar	IDS 1350 (min. 3 cr)	Same as 3	Same as 3	
Chemistry	CHM 1020 (min. 3 cr.)	CHM 2045 and CHM 2045L (min. 4 cr.)	CHM 2045 and CHM 2045L and CHM 2046 and CHM 2046L (min. 8 cr.)	Score of 3: Natural Science, State Core Score of 4: Natural Science, State Core Score of 5: Natural Science, State Core and Institutional Core
Chinese Language and Culture	One semester of intermediate-level language (min. 3 cr.)	Two semesters of intermediate-level language (min. 6 credits)	Same as 4	Score 3: Elective Score 4 or 5: Elective, Foreign Language Competency
Computer Science A	CGS X075 (min. 3 cr.)	Same as 3	Same as 3	Elective
Computer Science AB	CGS X076 (min. 3 cr.)	Same as 3	Same as 3	Elective
Computer Science Principles	COP X000 (min 3 cr.)	Same as 3	Same as 3	
Drawing	ART X300C (min. 3 cr.)	Same as 3	Same as 3	
Economics: Macro	ECO 2013 (min. 3 cr.)	Same as 3	Same as 3	Social Science, State Core
Economics: Micro	ECO 2023 (min. 3 cr.)	Same as 3	Same as 3	Elective
English Language and Composition	ENC 1101 (min. 3 cr.)	ENC 1101 and ENC 1102 (min. 6 cr.)	Same as 4	Score of 3: Communications, English State Core Score or 4 or 5: Communications, English State Core and English Institutional Core
English Literature and Composition	ENC X 101 core or course in AML, ENL, or LIT (min. 3 credits)	ENC X 101 core and either ENC Xl02 or LIT X005 (min. 6 credits)	Same as 4	LIT X005 is unique to this exam. Literature content varies widely. Award min. 3 credits if ENC Xl0l already satisfied.
Environmental Science	EVR 1001 (min. 3 cr.)	Same as 3	Same as 3	Natural Science, State Core

European History	EUH X009 (min. 3 cr.)	EUH X000 and EUH X001 (min 6 cr.)	Same as 4	Elective
French Language and Culture	One semester of intermediate-level language (min. 3 credits)	Two semesters of intermediate-level language (min. 6 credits)	Same as 4	Score 3: Elective Score 4 or 5: Elective, Foreign Language Competency
French Literature	One semester introductory literature (min. 3 cr.)	Two semesters introductory literature (min. 6 cr.)	Same as 4	Exam discontinued in 2011
German Language and Culture	One semester of intermediate-level language (min. 3 cr.)	Two semesters of intermediate-level language (min. 6 cr.)	Same as 4	Score 3: Elective Score 4 or 5: Elective, Foreign Language Competency
Government and Politics: Comparative	CPO X002 (min. 3 cr.)	Same as 3	Same as 3	Elective
Government and Politics: United States	POS 2041 (min. 3 cr.)	Same as 3	Same as 3	Social Science, State Core
Human Geography	GEO X400 (min. 3 cr.)	Same as 3	Same as 3	Score 3: Elective Score 4 or 5: Elective
Italian Language and Culture	One semester of intermediate-level language (min. 3 cr.)	Two semesters of intermediate-level language (min. 6 cr.)	Same as 4	Score 3: Elective Score 4 or 5: Elective, Foreign Language Competency
Japanese Language and Culture	One semester of intermediate-level language (min. 3 cr.)	Two semesters of intermediate-level language (min. 6 cr.)	Same as 4	Score 3: Elective Score 4 or 5: Elective, Foreign Language Competency
Latin: Latin Literature	LNW X700 (min. 3 cr.)	Same as 3	Same as 3	Elective
Latin: Vergil	LNW X321 (min. 3 cr.)	Same as 3	Same as 3	Elective
Latin	LNW X700 or LNW X321 (min. 3 cr.)	Same as 3	Same as 3	Elective
Music Theory	MUT 1001 if composite score is 3 or higher. MUT 1111 and MUT 1241 if both aural and nonaural subscores are 3 or higher. (min. 3 cr.)	MUT 1001 (3 cr.) if composite score is 3 or higher. MUT 1111 (3 cr.) and MUT 1241 (3 cr.) if both aural and nonaural subscores are 3 or higher. (min. 3 cr.)	Same as 3	Elective
Physics 1	PHY 1053C (min. 4 cr.)	Same as 3	Same as 3	Natural Science, State Core
Physics 2	PHY 1054C (min. 4 cr.)	Same as 3	Same as 3	Natural Science, State Core
Physics B	PHY 1053C (min. 4 cr.)	PHY 1053C and PHY 1054C (min. 8 cr.)	Same as 4	Score of 3: Natural Science, State Core Score of 4 or 5: Natural Science, State Core and Institutional Core
Physics C: Electricity/Magnetism	PHY 1054C (min. 4 cr.)	PHY 2049C (min. 4 cr.)	Same as 4	Score of 3, 4 or 5: Natural Science, Institutional core
Physics C: Mechanics	PHY 1053C (min. 4 cr.)	PHY 2048C (min. 4 cr.)	Same as 4	Score of 3, 4 or 5: Natural Science, State Core
Psychology	PSY 2012 (min. 3 cr.)	Same as 3	Same as 3	Social Science, State Core
Spanish Language	SPN 2200 (min. 3 cr.)	SPN 2200 and SPN 2221 (min. 6 cr.)	Same as 4	Score 3: Elective Score 4 or 5: Elective, Foreign Language Competency

Spanish Literature	One semester introductory literature (min. 3 cr.)	Two semesters introductory literature (min. 6 cr.)	Same as 4	Score 3: Elective Score 4 or 5: Elective, Foreign Language Competency
Statistics	STA 2023 (min. 3 cr.)	Same as 3	Same as 3	Mathematics, State Core
Studio Art: Drawing Portfolio	ART 1300C (min. 3 cr.	Same as 3	Same as 3	Elective
Studio Art: 2-D Design Portfolio	ART 1201C (min. 3 cr.)	Same as 3	Same as 3	Elective
Studio Art: 3-D Design Portfolio	ART 2203C (min. 3 cr.)	Same as 3	Same as 3	Elective
United States History	AMH 2010 (min. 3 cr.)	AMH 2010 and AMH 2020 (min. 6 cr.)	Same as 4	Score of 3: Elective Score of 4 or 5:Elective and Social Science, State Core
World History	WOH 2022 (3 cr.)	Same as 3	Same as 3	Social Science, Institutional Core

CLEP Policy

The College-Level Examination Program (CLEP) provides an opportunity for students to demonstrate competency in certain subjects and thereby earn college credit for particular courses without enrolling in classes, is not built around a curriculum, but rather is designed to test students' knowledge on a variety of college-level subjects, regardless of where they may have learned the material. Developed by the College Board, CLEP is the most widely accepted credit-by-examination program, available at more than 2,900 colleges and universities. If the student has obtained knowledge outside the classroom, the CLEP gives the student an opportunity to demonstrate proficiency in the subject area and bypass undergraduate coursework.

Visit https://www.cf.edu/go/assistance/testing/test-directory/ for more information. Students are strongly encouraged to meet with an academic advisor to ensure course credits will fulfill their degree requirements.

- CLEP credit meets all graduation requirements, including Gordon Rule mandates, if applicable.
- The student will receive a copy of his or her unofficial scores immediately after testing; official test scores will be processed 4-6 weeks after the test date and any applicable credit entered into the student's record at that time.
- The student can earn a varying number of college credits with CLEP, depending on the particular test and the score earned.
- Students are able to retake a CLEP exam after a wait period of 3 months (90 days). Retaking a test before the wait period is over will invalidate the student's scores, and the student will forfeit any fees paid.
- Passing scores are for credit granting purposes only and do not compute into the student grade point average (GPA).
- Students may use CLEP credit under the repeat course policy for D or F grades only. However, CLEP does not apply in the guidelines of the repeat policy. If a student earns an acceptable CLEP score in a course in which they have earned a D or F, the previous grade will continue to be computed in the student's GPA. No letter grades or quality points are assigned for CLEP credits.
- If the student successfully CLEPs a class that has been previously attempted, the student may not petition to have the previous attempt removed from his or her record.

CLEP tests are administered throughout the year at any of the three campus testing centers at CF. CLEP credit cannot duplicate regular college course credit already earned, Dual Enrollment credit, or other credits earned through examination.

The College of Central Florida CLEP code number is 5127.

Course Credit Awarded for CLEP Examinations

Hours toward graduation are recorded as "credit by examination" with no grades or quality points given. These credits do not affect a student's grade point average.

Name of Exam	**Course Credit Awarded** Scale Score of 50 for Passing	**General Education Credit for A.A. Degree**
Accounting, Principles of	ACG X001 (min. 3 cr.)	Effective July 1, 2007 this test is no longer administered-replaced by "Financial Accounting" exam
Algebra, College	MAC 1105 (min. 3 cr.)	Mathematics, Institutional Core
Algebra-Trigonometry, College	MAC 1147 (min. 3 cr.)	Effective July 1, 2006 this test is no longer administered-replaced by "Precalculus" exam
American Government	POS 2041 (min. 3 cr.)	Social Sciences, State Core
American Literature	AML 2010 (min. 3 cr.)	
Analyzing/Interpreting Literature	No Direct Equivalent. Recommend taking American or English Literature exam	Take American or English Literature exam
Biology, General	BSC 1005 (min. 3 cr.) no lab credit	Natural Science, State Core
Business Law, Introduction	BUL 2241 (min. 3 cr.)	Elective
Calculus	MAC 2233 (min. 3 cr.)	Mathematics, Institutional Core
Chemistry, General	CHM 1025 or CHM 1020 (min. 3 cr.) no lab credit	Natural Science, Institutional Core
College Composition	ENC 1101 and ENC 1102 (min. 6 cr.)	Communications, English State Core and English Institutional Core
College Composition Modular	ENC 1101 and ENC 1102 (min. 6 cr.)	Communications, English State Core and English Institutional Core

Educational Psychology, Introduction to	EDP X002 (min. 3 cr.)	
English Composition with Essay	ENC XI0I[core] (min. 3 credits	Replaced by College Composition
English Literature	ENL X000 (min. 3 cr.)	Elective
Financial Accounting	ACG 2021 (min. 3 cr.)	Elective
French Language	FRE 1120 (min. 4 cr.)	Elective
Freshman Composition	No direct equivalent. Recommend English Composition with Essay instead.	Replaced by College Composition Modular
German Language	One semester of Elementary Language I (min. 3 cr.)	Elective
History of the United States I: Early Colonizations to 1877	AMH 2010 (min. 3 cr.)	Elective
History of the United States II: 1865 to Present	AMH 2020 (min. 3 cr.)	Social Science, State Core
Human Growth and Development	DEP 2004 (min. 3 cr.)	Elective
Humanities	HUM X235 or HUM X250 (min. 3 cr.)	
Information Systems/Computer Applications	CGS X077 (min. 3 cr.)	Elective
Macroeconomics, Principles of	ECO 2013 (min. 3 cr.)	Social Science, State Core
Management, Principles of	MAN 2021 (min. 3 cr.)	Elective
Marketing, Principles of	MAR 2011 (min. 3 cr.)	Elective
Mathematics, College	MGF 1106 or MGF 1107 (min. 3 cr.)	Mathematics, Institutional Core
Microeconomics, Principles of	ECO 2023 (min. 3 cr.)	Elective
Natural Sciences	No direct equivalent. Recommend specific subject exams (Biology or Chemistry)	Take specific subject exams
Precalculus	MAC 1140 (min. 4 cr.)	Mathematics, Institutional Core
Psychology, Introductory	PSY 2012 (min. 3 cr.)	Social Science, State Core
Sociology, Introductory	SYG 2000 (min. 3 cr.)	Social Science, State Core
Social Sciences and History	Take specific subject exams (U.S., Western, World History, Government, Sociology, Economics, Psychology)	Take specific subject exams (U.S., Western, World History, Government, Sociology, Economics, Psychology)
Spanish Language	SPN 1120 (min. 3 cr.)	Elective SPN1120 and SPN 1121** **Score of 63 (min. 6 cr.)
Trigonometry	MAC 1114 (min. 3	Effective July 1, 2006 this test is no longer administered-replaced by Precalculus exam
Western Civilizations I: Ancient Near East to 1648	EUH X000 (min. 3 cr.)	Elective
Western Civilizations II: 1648 to Present	EUH X001 (min. 3 cr.)	Elective

DANTES Policy

Course Credit Awarded for DANTES Subject Standardized Tests, DSST, Examinations.

Unlike other credit by examination programs, Defense Activity of Non-Traditional Educational Support, DANTES, Subject Standardized Tests are not built around curriculum, but rather are designed to test students' knowledge on a variety of college-level subjects, regardless of where they may have learned the material.

Exam Name	Course Number (3 credits per exam)	Passing Score	Passing Score 2008 Revised Exams	General Education Credit for A.A. Degree
A History of the Vietnam War	AMH X059	44		Elective
Art of the Western World	ARH 1000 or ARH X010	48		Elective
Astronomy	AST 1002	48		Natural Science, State Core
Business Ethics and Society	GEB 2430	400		Elective
Business Law II	BUL 2242	44		Elective
Business Math	QMB 1001	48	400	
Computer and Information Technology	CGS X000 or CGS X060	45	400	
Criminal Justice	CCJ 1020	49	400	Elective
Drug and Alcohol Abuse	No course or credit recommendation	49		
Environment and Humanity	EVR 1017 or ISC X003 or ISC X143 or ISC 1147	46		Elective
Environmental Science	EVR X002 or ISC X003	400		Effective for exams taken after 5/16/2018
Ethics in America	PHI X630	46	400	Elective
Foundations of Education	EDF 2005	46		Social Science, Institutional Core
Fundamentals of College Algebra	MAT 1033	47	400	Elective
Fundamentals of College Algebra	MAC X105		400	Effective for exams taken after 5/16/2018
Fundamentals of Counseling	PCO X202	45		Elective
Fundamentals of Cyber Security	CIS X350 or CIS X354		400	Elective
General Anthropology	ANT 2000	47		Social Science, State Core
Here's to Your Health	HSC 2100	48	400	Elective
History of the Soviet Union	EUH X066	45	400	
Human Resource Management	MAN 2300	46		Elective
Human/Culture Geography	GEO X400	48		Elective
Introduction to Business	GEB 1011	46	400	Elective
Introduction to Law Enforcement	CCJ 1100	45		Elective
Introduction to Modern Middle East	ASH X044	47		Elective
Introduction to World Religions	REL 2300	48	400	Humanities, Institutional Core
Lifespan Developmental Psychology	DEP 2004	46		Social Science, Institutional Core
Management Information Systems	ISM X000	46	400	Elective
Math for Liberal Arts	MGF X106		400	
Money and Banking	BAN X501	48		Elective

Organizational Behavior	INP X002	48		Elective
Personal Finance	FIN 2100	46		Elective
Physical Geology	GLY X000	46	400	Elective
Principles of Advanced English	ENC X101		400	
Principles of Finance	FIN X000	46		Elective
Principles of Financial Accounting	ACG 2021	47		Elective
Principles of Physical Science	PSC 1341	47		Science, Institutional Core
Principles of Public Speaking	SPC 2608	47		Communications, Institutional Core Oral Communications
Principles of Statistics	STA 2023	48	400	Mathematics, State Core
Principles of Supervision	MNA X345	46	400	Elective
Substance Abuse	HSC X140	49	400	Elective
Technical Writing	ENC 221	46		Elective
The Civil War and Reconstruction	AMH X056	47		Elective
Western Europe Since 1947	No course or credit recommendation	45		Discontinued 12/31/2014

IB Policy

Course Credit Awarded for International Baccalaureate, IB, Examinations.

The maximum number of credit hours that may be earned by IB examination is 30 credit hours. CF students may satisfy up to 45 semester hours of course credit through any combination of credit by examination (e.g., CLEP, AP, and/or IB). **Score minimums, credit hours awarded and course equivalences awarded are subject to change for any examination without prior notice**.

Exam	**Score of 4**	**Scores of 5, 6 and 7**	**General Education Credit for A.A. Degree**
Biology	BSC 1005 and BSC 1005L	BSC 1005 and BSC 1005L and BSC 2010 and BSC 2010L	Natural Science, State Core
Biology (SL)	BSC 1005 and BSC 1005L	BSC 1005 and BSC 1005L	Effective for exams taken after 9/23/2020
Biology (HL)	BSC 1005 and BSC 1005L and BSC 2010 and BSC 2010L	BSC 1005 and BSC 1005L and BSC 2010 and BSC 2010L	Effective for exams taken after 9/23/2020
Business and Management	GEB 1011 or MAN X604 or MAN X652	GEB 1011 or MAN X604 or MAN X652 and MAN 2021	Elective
Chemistry	CHM 1020	CHM 1020 and CHM 2045 and CHM 2045L	Natural Science, State Core
Computer Science	CGS X1100	COP X000 and CGS 1100	Elective
Design Technology	ETI X410	ETI X410 and other Engineering Technologies course	Elective
Economics	ECO X000	ECO 2013 and ECO 2023	Elective
Ecosystems and Societies	EVR X017 or EVR X018	EVR X017 or EVR X018 and EVR1001	
Environmental Systems and Societies (SL)	EVR X00I^{core} or EVR X002 (3 credits)	Same as 4	Effective for exams taken after 5/16/2018
English A1	ENC 1101	ENC 1101 and ENC 1102 or LIT 2110	Score of 4: Communications, English State Core Score or 5, 6 and 7: Communications, English State Core and English Institutional Core
English Language A: Language and Literature	ENC X101^{core} (min 3 credits)	ENC X101^{core} and ENC X102 (min 6 credits)	
English Language A: Literature	ENC X141 or LIT 1000	ENC X141 and LIT 1000	
Environmental Systems	EVR 1001	EVR 1001 and other environmental science course	Score or 4: Natural Science, State Core Score of 5, 6 and 7: Natural Science, State Core and Institutional Core
Film Studies	FIL X000	FIL X000 and FIL X002	Elective
French: Language B	FRE 1120	FRE 1120 and FRE 1121	Score of 4: Elective Score or 5, 6 and 7: Foreign Language Competency
Further Mathematics (Advanced Mathematics)	MHF X202	MHF X202 and MHF X209	Mathematics
Further Math	MHF X191 or MHF X202	MHF X191 and MHF X202 or MHF X209	Effective for exams taken after 09/23/2020
Geography	GEA 2000	GEO X200 and GEO X400	GEA 2000: Social Science, Institutional Core GEO X400: Elective GEO X200: Elective

German: Language B	One semester of language at Elementary Language II Level	Two semesters of language at Elementary Language II Level	Score of 4: Elective Score or 5, 6 and 7: Foreign Language Competency
Global Policy (SL)	INR X002	Same as 4	
Global Policy (HL)	INR X002	INR X002 and additional politics/government course (min. 6 cr.)	
History	WOH X030	WOH X030 and one semester of lower-level History elective depending on student's choice of specialized subject.	
History (SL)	WOH X030	Same as 4	Effective for exams taken after 5/16/2018
History (HL): History of Africa and the Middle East	WOH X030	WOH X030 and WOH X031	Effective for exams taken after 5/16/2018
History (HL): History of the Americas	WOH X030	WOH X030 and AMH X010 or AMH X020	Effective for exams taken after 5/16/2018
History (HL): History of Asia and Oceania	WOH X030	WOH X030 and WOH X031	Effective for exams taken after 5/16/2018
History (HL): History of Europe	WOH X030	WOH X030 and WOH X031	Effective for exams taken after 5/16/2018
Information and Technology for a Global Society	No direct equivalent	No direct equivalent	Elective
Islamic History	No direct equivalent	No direct equivalent	Elective
Italian: Language B	One semester of language at Elementary Language II Level (min. 3 cr.)	Two semesters of language at Elementary Language II Level (min. 6 cr.)	
Latin	One semester of language at Elementary Language II Level	Two semesters of language at Elementary Language II Level	Score of 4: Elective Score or 5, 6 and 7: Foreign Language Competency
Literature and Performance (SL)	THE X300 (min. 3 cr.)	Same as 4	
Marine Science	BSC X311C (BSC X311/ BSC X311L) or OCB X000C (OCB X000/ OCB X000L) or OCB X010C (OCB X010/ OCB X010L)	Same as Score of 4	Science, Institutional Core
Math Analysis and Approaches (SL)	MAC X106	MAC X105 and additional math course (min. 6 cr.)	
Math Analysis and Approaches (HL)	MAC X105	MAC X105 and additional math course (min. 6 cr.)	
Math Applications and Interpretations (SL)	MAC X105	MAC X105 and MGF X106	
Math Applications and Interpretations (HL)	MAC X140	MAC X147 and additional math course (min. 6 cr.)	MAC X147 can substitute for MAC X140 and MAC X114
Math Methods	MAC 1105	MAC 1105 and MAC 1140 or MAC 1140 and MAC 2233	Score of 4: Mathematics, State Core Score of 5, 6 and 7: Mathematics, State Core and Institutional Core
Mathematical Studies	MAT 1033	MAT 1033 and MGF 1106	MAT 1033: Elective MGF 1106: Mathematics, State Core
Mathematical Studies (SL)	MAC X105	Same as 4	
Mathematics	MAC 1147	MAC 1147 and MAC 2233 or MAC 2233 and MAC 2311	Score of 4: Mathematics, Institutional Core

			Score of 5, 6 and 7: Mathematics, State Core and Institutional Core
Music	MUL 1010	MUL 1010 and MUT 1001	MUL 1010: Humanities, State Core MUT 1121: Elective
Philosophy	PHI 2010	PHI 2010 and PHI 1100	Elective
Physics	PHY 1020	PHY 1053C and PHY 1054C	Score of 4: Natural Science, State Core Score of 5, 6 and 7: Natural Science, State Core and Institutional Core
Physics (SL)	PHY X020/X020L	PHY X020/X020L	Effective for exams taken after 9/23/2020
Physics (HL)	PHY X020/X020L and PHY X053C or PHY X053C and PHY X054C	PHY X020/X020L and PHY X053C or PHY X053C and PHY X054C	Effective for exams taken after 9/23/2020
Psychology	PSY 2012	PSY 2012 and PSY XXXX	PSY 2012: Social Science, State Core PSY XXXX: Elective
Social and Cultural Anthropology	ANT 2410	ANT 2410 and ANT 2000	ANT 2410: Elective ANT XXXX: Elective
Spanish: Language B	SPN 1120	SPN 1120 and SPN 1121	Score of 4: Elective Score or 5, 6 and 7: Foreign Language Competency
Theatre Arts	THE 1000	THE 1000 and TPA 1200	THE 1000: Humanities, State Core TPA 1200: Elective
Theatre (SL)	THE X000 or THE X020	Same as 4	
Theatre (HL)	THE X000 or THE X020	THE X000 or THE X020 and one semester (min. 3 cr.) credit in THE, TPA or TPP depending on student's strengths	All students study core topics in dramatic literature, performance and stagecraft. Higher level students do an independent project in a Theatre Arts subject of their choice. Effective for exams taken after 5/16/2018
Visual Arts	ARH 1012	ARH 1012	Elective
World Religions (SL)	REL X300 (min. 3 cr.)	Same as 4	

Experiential Learning

The experiential learning assessment process is designed to recognize the academic value of learning through experiences, including work experience, employment-related training programs, seminars, volunteer work, travel, military service or self-directed study.

Assessment: Assessment involves the following:

- written or performance tests
- preparation of a portfolio describing learning and how it was acquired
- evaluation of certificates and licenses
- interviews with faculty members
- review of external agency recommendations.

The program area responsible for the courses for which credit is requested determines the method of assessment and the amount of credit awarded. Not all courses are assessable courses. Courses being assessed must be offered as a requirement or an elective in an A.S. degree or certificate program at CF. General Education courses are not assessable.

Process: After being admitted to the college and selecting a program with the help of a counselor or advisor, the student must:

1. meet with the appropriate program representative to determine if an assessment process is available for selected courses
2. apply for assessment on forms available from the department or the Office of Student Affairs
3. consult with the department chair, program manager or designated faculty evaluator to determine requirements for assessment and fees required
4. discuss student responsibilities in the assessment process, including:
    - meeting with an instructor for an oral or written exam
    - preparing for a written exam by reviewing textbooks
    - arranging for an instructor to interview an employer, as well as a worksite visit
    - presenting certificates and licenses for authentication
    - developing a portfolio of experience
    - providing ACE recommendations for military training
5. pay necessary fees for assessment. (It is possible that academic credit will not be awarded as requested, but the cost of assessment remains the same.)

Award of Credit: Depending on the amount of credit requested and the methods of assessment required, the assessment process time may vary. When the process is completed, the results are forwarded to the appropriate dean for final review and verification. The dean will request, by memo, that the college registrar post any awarded credits to the transcript. Credits awarded are held in escrow until the student satisfactorily completes 25 percent of program coursework (15 credits for the A.A.) at CF. Experiential credit may not be used to meet the residency requirement of 25 percent of program course work required at CF for graduation. This type of credit may not be acceptable for transfer to other institutions. The receiving institution would determine transferability.

Credit by Departmental Examination

Evidence of proficiency in a subject area qualifies a student to request a departmental examination in departments where exams are provided. Students may not apply for credit by departmental examination in a course where they have received either an A, B, C, D, F, I or W for work attempted, or if they have earned credit for an advanced course in that area. Credits earned will not be included on the official college transcript until the student has completed a minimum of 12 credits at CF.

1. The student must contact the department chair/program manager in the department where departmental exams are provided.
2. Based on advice from the departmental contact, the student must complete the upper portion of the Credit by Departmental Exam/Experiential Learning registration form.
3. The dean/associate vice president and the department chair will review student's request with the student. If approved, the process for completing the exam will be explained.
4. The student must take the approved registration form and payment to the cashier. A per course fee must be paid prior to the administration of the exam.
5. Upon registration for the departmental exam and payment of the fee, the student must schedule the exam within five working days.
6. The departmental representative will schedule the exam within 10 working days after being contacted by the student.
7. The dean/ associate vice president will monitor the exam process in order to verify evidence (passing exam score) of competency.
8. Upon satisfactory completion of the exam, the dean/associate vice president forwards, by memo, the results to the Office of Enrollment Services. A grade of S will be submitted for passed departmental exam.
9. Upon receipt of the memo, the Office of Enrollment Services will notify the student the grade has been received.
10. Credit by departmental exam may not be attempted a second time for the same course.
11. The S grade will appear on the transcript in the semester following completion of 12 credit hours.

Correspondence and Extension Courses

CF offers neither correspondence nor extension courses, although certain correspondence courses are acceptable for transfer.

Credit for A+ Certification

Students who have completed A+ certification within the last three years are eligible to receive college credit toward a degree as indicated:

Credit Hours

- CET1278 - A+ Fundamentals *Credits: 3*
- CET2180 - Practical PC Technician *Credits: 3*

Total Credit Hours: 6

Credit for Cloud + Certification

Students who have recently completed Cloud + Certification are eligible to receive college credit toward a degree as indicated:

Credit Hours:

- CTS2375 - Cloud+ *Credits: 3*

Total Credit Hours: 3

Credit for Correctional Officer Training School

Students who successfully complete this academy, pass the state certification exam, and complete 12 college credit hours at CF may be eligible to receive up to 12 college credit hours toward the A.S. in Criminal Justice Technology as indicated:

Credit Hours

- CJC1000 - Crime and Punishment *Credits: 3*
- CCJ1949 - Work Experience I *Credits: 3*
- CJL2130 - Criminal Law, Evidence and Procedures *Credits: 3*
- HLP1081 - Personal Wellness Appraisal and Improvement *Credits: 3*

Total Credit Hours: 12

Credit for Law Enforcement Officer Training School

Students who successfully complete this academy, pass the state certification exam, and complete 12 college credit hours at CF may be eligible to receive up to 15 college credit hours toward the A.S. in Criminal Justice Technology as indicated:

Credit Hours

- CJL2130 - Criminal Law, Evidence and Procedures *Credits: 3*
- CCJ1949 - Work Experience I *Credits: 3*
- CCJ1020 - Introduction to Criminal Justice System *Credits: 3*
- CJE2600 - Introduction to Forensics and Criminal Investigation *Credits: 3*
- HLP1081 - Personal Wellness Appraisal and Improvement *Credits: 3*

Total Credit Hours: 15

Credit for MOS Certification

Student must have all four certifications: Word, Excel, Access and PowerPoint. Outlook does not count toward college credit.

Credit Hours

- CGS1100 - Microcomputer Applications *Credits: 3*

Total Credit Hours: 3

Credit for MOS Expert Certifications

Credit Hours:

- CGS2103 - Spreadsheet Applications *Credits: 3*
- OST1110 - Intermediate Word *Credits: 3*

  OR
- OST2717 - Advanced Word *Credits: 3*

Total Credit Hours: 6

Credit for Networking + Certification

Students who have recently completed Networking + certification are eligible to receive college credit toward a degree as indicated:

Credit Hours

- CTS2134 - Networking Fundamentals *Credits: 3*

Total Credit Hours: 3

Credit for Security + Certification

Students who have completed Security+ certification within the last three years are eligible to receive college credit toward a degree as indicated:

Credit Hours:

- CTS2120 - Security Fundamentals *Credits: 3*

Total Credit Hours: 3

Credit for Server + Certification

Students who have recently completed Server + Certification are eligible to receive college credit toward a degree as indicated:

Credit Hours

- CTS2143 - Server Fundamentals *Credits: 3*

Total Credit Hours: 3

Credit for Surgical Technology Certification

Students who have successfully completed the certification program for Surgical Technology, have successfully passed the national certifying exam, and currently hold an active certification via the national board may be eligible to receive up to 44 college credits towards the A.S. in Surgical Services, as indicated:

Credit Hours:

- STS1302 - Introduction to Surgical Technology *Credits: 6*
- STS1307 - Operating Room Techniques and Instrumentation *Credits: 3*
- STS1308 - Perioperative Patient Care Concepts *Credits: 2*
- STS1327C - Principles and Practices of Surgical Technology with Lab *Credits: 4*
- STS1340 - Pharmacology and Anesthesia *Credits: 3*
- STS2323 - Surgical Procedures I *Credits: 3*
- STS2324 - Surgical Procedures II *Credits: 3*
- STS2329 - Advanced Surgical Techniques, Procedures and Professional Skills *Credits: 4*
- STS2944 - Clinical Practice I *Credits: 7*
- STS2945 - Clinical Practice II *Credits: 6*
- HSC2531 - Medical Terminology *Credits: 3*

Total Credit Hours: 44

Registration

Registration information and procedures for college credit degree and certificate-seeking students are published online in the Web Registration Guide, posted on college bulletin boards and at CF.edu/advising. Priority registration dates (based on the number of **earned** credit hours) are posted on the MyCF Web Portal as well as in the college calendar in this catalog. In the case of courses beginning outside the regular academic semesters, posters, fliers and media announcements may be used to notify potential students. Each student, by registering, **pledges acceptance of the rules and regulations of the college**.

In accordance with Florida law and college policy, **veteran or dependent students who are receiving GI Bill® benefits** are provided with the opportunity to register at the highest priority date each semester. At the College of Central Florida, this allows veteran or dependent students who are receiving GI Bill® benefits the opportunity to register with the first window of students, which is normally reserved for students who have earned 40 or more credits. This will enable those who are utilizing GI Bill® educational benefits to have greater access to available courses, thereby decreasing the number of excess hours taken by these students and reducing the time to graduation. GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government website at www.benefits.va.gov/gibill.

Orientation. Online orientation is required for all degree seeking and certificate students. Once orientation is completed, students will meet with their assigned advisor for registration.

Registering. Students may register for a maximum of 18 credit hours in fall and spring semesters, and 18 credit hours in summer (nine hours in Summer A and nine in Summer B). Students may request permission to exceed the maximum 18 credit hour registration limit through the petitions. A minimum cumulative grade point average of 3.0 or above is required to petition.

Nondegree-seeking and transient students must register in person and only during general registration. (See the College Calendar for dates.)

Once a student is registered, he/she may request a student identification card and a parking decal (at no cost) at the campus Public Safety Office.

Payment. Fees may be paid online by credit card via the MyCF Web Portal or by check via regular mail (as long as the payment is received prior to the fee due date).

Students receiving financial aid should go to the Financial Aid Office or veteran's assistance should go to the Veterans Office first for processing of necessary paperwork. Students will be held in their registered classes provided fees are paid by the due date or they have been **awarded** financial aid.

Third party authorization - If all or part of a student's registration fees are being paid by an external agency (employer, Florida Prepaid Program, Vocational Rehabilitation, CareerSource, a government agency, etc.), the student must present a current form of authorization (letter, card, voucher, etc.) at the Cashiers Office by the fee payment deadline. This authorization must be for the current semester and indicate a specific dollar amount for fees and/or books. The student is responsible for any remaining balance. If the current authorization is not presented, the student's account will not be credited properly and the student may be removed from all courses and/or responsible to pay the fees.

Florida Prepaid Tuition Plan - Students who participate in the Florida Prepaid Tuition Plan must submit a valid Florida Prepaid Identification card and CF Florida Prepaid Form to the Cashiers Office **each semester they register for classes** as well as whenever they make a schedule change during the add/drop period of each semester. The card must apply to the

appropriate academic year and be signed by the student. Students participating in this tuition plan are **responsible for any amounts not covered by their plan**, and any remaining balance must be paid by the fee due date on the student's schedule. Keep a copy of the cashier's receipt for verification should any questions arise.

Excess Hours Advisory Statement

s. 1009.286, F. S., establishes an "excess hour" surcharge for a student seeking a baccalaureate degree at a state university. It is critical that students, including those entering Florida colleges, are aware of the potential for additional course fees. Excess hours are defined as hours that go beyond 115 percent of the hours required for a baccalaureate degree program. For example, if the length of the program is 120 credit hours, the student may be subject to an excess hour surcharge for any credits attempted beyond 138 credit hours (115 x 120 percent).

All students whose educational plan may include a bachelor's degree should make every effort to enroll in and successfully complete those courses that are required for their intended major on their first attempt. Florida college students intending to transfer to a state university should identify a major or "transfer program" early and be advised of admission requirements for that program, including the approved common prerequisites. Course withdrawals and/or repeats, as well as enrollment in courses nonessential to the intended major, may contribute to a potential excess hours surcharge.

Add/Drop and Withdrawal Periods

Courses may be added or dropped only during periods indicated in the college calendar (p. 3). A student may withdraw from a class after the initial drop period, with no refund of fees. These withdrawals are permitted up to the last date to withdraw with a W. Withdrawals of this nature will result in a letter grade of W being placed on the student's permanent record and will count as one attempt of this course. Students enrolled in courses that are not part of the college calendar, as published in the online catalog, should determine drop/withdrawal deadlines through the college's Office of Enrollment Services, located in the Enrollment Services Center.

Scheduling of Classes

In the interest of economy, the college reserves the right to cancel classes that fail to meet minimum enrollment requirements. The following day codes are used: **M** -Monday, **T** -Tuesday, **W** - Wednesday, **H** -Thursday, **F** -Friday, **S** -Saturday, **U** -Sunday.

Full Semester Courses (17 weeks: 16 Instructional and 1 Exam week)

College credit courses are scheduled to provide the greatest number of classes available for the greatest number of students while attempting to account for the employment and personal responsibilities of our students. Most credit classes will meet two days a week (Monday/Wednesday, Tuesday/Thursday or Wednesday/Friday) for 75-minutes/meeting for a three-credit course. If a course is scheduled to meet more or less than two days per week, the classes will start at the starting times listed below and contain the required amount of instruction (i.e., 150 minutes/week for 16-week courses, more for minimesters for a three-credit course). Exceptions may be approved based on facility availability, such as may be necessary to ensure efficient use of limited science lab space.

For efficiency, most classes will be scheduled in the following manner:

Daytime: Two Meetings per Week

8 - 9:15 a.m.
9:30 - 10:45 a.m.
11 a.m. - 12:15 p.m.
12:30 - 1:45 p.m.*
2 - 3:15 p.m.
3:30 - 4:45 p.m.

*Note: Student Activity Hour on Monday and Wednesday. No classes scheduled during this period.

Daytime: One Meeting per Week

Primarily scheduled on Mondays or Fridays with the exception of labs. Classes must begin at the start times above, unless an exception is approved. Lecture sessions must meet for the equivalent of two 75-minute periods with the addition of a break.

Hybrid

Daytime and evening hybrid classes must begin at the start times above and should meet for at least 50 minutes and correspond to the hybrid meeting requirements.

Saturday

8 - 10:40 a.m.
10:50 a.m. - 1:30 p.m.
1:40 - 4:20 p.m.

Note: Friday night or Saturday classes are restricted to certain buildings, so will not require as much time between classes.

Minimesters (Eight-week courses)

These courses are scheduled for the first or final eight weeks of the fall and spring semesters, usually meeting four days a week for 75 minutes for a three-credit course.

Summer Courses

The summer semester is divided into three terms. Summer A is the first six weeks, Summer B is the final six weeks and Summer C is the entire 12-week period. Most credit classes in Summer A or B will meet four days a week (Monday through Thursday) for 110 minutes per meeting, which includes a 10-minute break. For efficiency, most classes will be scheduled in the following manner:
8 - 9:50 a.m.
10 - 11:50 a.m.
Noon - 12:30 p.m. - Break - No classes scheduled
12:30 - 2:20 p.m.
2:30 - 4:20 p.m.

Evening

May start any time from 5 to 6:30 p.m. on the quarter hour and must meet for the equivalent of two 75-minute periods with the addition of a break.

Alternate Scheduling

Week-long concentrated courses, weekend courses and other alternate schedule courses are occasionally offered. Instructional hours vary and will be advertised.

General Information

College Website

The college website, www.CF.edu, is an excellent resource for current college information. CF faculty and staff contact information can be found at www.CF.edu/directory. Campus maps are available for each location at www.CF.edu/locations.

Operating Hours

General college operating hours are 8 a.m. to 4:30 p.m., though some departments or offices may have varied schedules. Visit www.CF.edu or call 352-873-5800 for information.

ID Cards

All credit students are entitled to photo identification cards that allow attendance at campus activities, use of the Learning Resources Center and use of the Learning Support Center. Photo ID cards are required when purchasing textbooks with financial aid and selling textbooks back to the bookstore. Ocala and Citrus campus students should report to the Public Safety office to have a photograph taken and a card issued. Hours are listed at https://www.cf.edu/student-life/about-our-campuses/campus-safety. Levy Campus students should inquire at the front desk in the lobby for information on photo scheduling.

Lost and Found

Lost and found items are stored in the Public Safety Office at the Ocala and Citrus campuses, and at the front desk in the lobby at the Levy Campus. Items will be held for 60 days. After 60 days, unclaimed items will be donated or discarded as appropriate. To reclaim an item, the party claiming ownership must provide a picture ID and properly identify the item.

(CF Board Policy 8.00; CF Administrative Procedure "Disposition of Lost and Found Items")

Parking

Traffic and parking regulations have been established to maximize safety and parking convenience. All motor vehicles brought to campus (including motorcycles and motor scooters) by students or employees must be properly registered with Public Safety and display an appropriate parking decal. This can be accomplished at the Public Safety Office at the Ocala and Citrus campuses or from the front desk in the lobby at the Levy Campus. Visitors must obtain a special parking permit from their host, or from the Public Safety Office. A copy of the regulations and information on available parking areas is provided at the time of vehicle registration as well as on the CF website. All vehicles parked on campus without a current parking decal or special parking permit properly displayed will be ticketed, booted or towed at the owner's risk and expense. See Special Fees and Charges for information on fines and penalties for violation of traffic and parking regulations.

Religious Holiday Observance

In compliance with federal, state and District Board of Trustees rules which provide that there shall be no discrimination in the treatment of students and employees on the basis of religion, the college shall make reasonable accommodation for religious observance, practice and belief. Such accommodation shall apply to admissions, registration, class attendance and activities, scheduling of examinations and official ceremonies, and work assignments. Any student who believes that he or she has been unreasonably denied an educational benefit due to his or her religious belief or practice, may seek redress through the college grievance procedures.

No adverse or prejudicial effects shall result to any student or employee availing him or herself of the provisions of this rule.

(Florida Statute 1006.53; CF Board Policy 1.01, 3.18)

Student Privacy

The Family Educational Rights and Privacy Act passed in 1974 by the United States Congress relates to accessibility and confidentiality of student records. Provisions of the act classify the following as "directory information" that **may** be released to the public upon request, unless the student has **specifically requested that all of the information not be released**: name of student, date of registered attendance, major field of study, dates of degrees and awards received, participation in officially recognized activities and sports, and weight and height of members of athletic teams.

Students not wishing the dissemination of "directory information" without prior consent must submit a written notice to the Office of Enrollment Services stating which of the above items are not to be released to the general public. All other information not listed above that relates directly to the student cannot be released without the student's written permission.

Under the law, access to student records without the student's permission is granted under the following circumstances: to teachers, administrators and the like in the same institution who have a legitimate educational interest in the student's record; to other institutions in which the student intends to enroll; to the Comptroller General of the United States; in connection with a student's application for, or receipt of, financial aid; to organizations such as Educational Testing Service or the College Entrance Examination Board involved in testing programs and student aid; to accrediting organizations; in compliance with judicial order or pursuant to any lawfully issued subpoena.

The college registrar can provide additional information on the Family Educational Rights and Privacy Act (Buckley Amendment).

Patriots Email Account

Students are required to use their CF Patriots Email account to send and receive official communication from the college and to log in to the MyCF Portal. Failure to check and receive emails sent to the account could adversely affect the students ability to be successful at CF.

The College of Central Florida provides students a required CF Patriots Mail account through Microsoft. Students have the free benefit of Microsoft Office 365 ProPlus, which includes Word, PowerPoint, Excel, Access and OneDrive in the Microsoft cloud. The tools are available for up to five devices per account, which allows a student to access from a personal computer, tablet, and/or cell phone on any browser.

Photographs and Publications

The College of Central Florida photographs and videotapes students, faculty and staff, and posts photographs online, in viewbooks and other publications. If a student does not wish to have photographs and/or videotapes released, they must contact the director of Marketing and Public Relations, 3001 S.W. College Road, Ocala FL 34474-4415, coter@cf.edu, within the first 30 days of the semester enrolled. The college will then take every reasonable effort to ensure such photographs and videotapes will not be made public.

The College of Central Florida may use these photographs and videotapes for an indefinite period of time unless the director is notified at the above address. However, the college shall not be required to recall previously published images.

Surveillance equipment is utilized on college grounds for security and safety purposes. Student notice restricting photographs or videotapes does not apply to the use of surveillance equipment for safely, security and disciplinary procedures.

In addition, local media may come to campus with or without the college's permission to photograph or video students and college personnel. Student notice restricting photographs or videotapes does not apply to publication of photographs or videotapes taken by local media or the college newspaper.

Social Security Number Collection, Usage and Release

Florida Statute 119.071(5) and Sections 483 and 484 of the Higher Education Act of 1965 authorize the collection, usage and release of your Social Security number by the College of Central Florida. CF collects, uses and releases your Social Security number only if specifically authorized by law to do so, or when it is imperative for the performance of its duties and responsibilities as prescribed by law. To protect your identity, the college will secure your Social Security number from unauthorized access, strictly prohibit the release of your Social Security number to unauthorized parties in compliance with state and federal law, and assign a unique CF identification number. This identification number will be used for all associated employment and educational purposes at CF. Specifically, CF collects, uses or releases a Social Security number for the following purposes:

Admissions

Federal legislation relating to the American Opportunity Tax Credit requires that all postsecondary institutions report student Social Security numbers to the Internal Revenue Service. This IRS requirement makes it necessary for CF to collect the Social Security number of every student. A student may refuse to disclose their Social Security number to CF, but the IRS is then authorized to fine the student in the amount of $50. In addition to the federal reporting requirements, the public school system in Florida uses Social Security numbers as a student identifier (section 229.559, Florida Statutes, new school code section 1008.386). In a seamless K-20 system, it is beneficial for postsecondary institutions to have access to the same information for purposes of tracking and assisting students in the smooth transition from one education level to the next. All Social Security numbers are protected by federal regulation under the Family Educational Rights and Privacy Act.

Financial Aid

The Office of Financial Aid at CF requires students and parents of dependent students to submit their Social Security number on various forms in order to correctly identify applicants, match each applicant's financial aid application information and data with the institution's records, and to help coordinate state aid programs with federal and institutional aid programs.

Human Resources

The Social Security number is used for legitimate business purposes for completing, processing or distributing the following: employment application forms; Federal I-9 (Department of Homeland Security); Federal W4, W2, 1099 (Internal Revenue Service); Federal Social Security taxes (FICA); Federal W2 (Internal Revenue Service); Unemployment Insurance (Florida Department of Revenue); Florida Retirement System (Florida Department of Management Services); Worker's Compensation Claims (FCSRMC and Department of Labor); Federal and State Employee and Educational Reports; Direct Deposit Files (Truist, ACH); 403b and 457b contribution reports; group health, life and dental coverage; completing and processing various supplemental insurance deduction reports; background checks; and payroll documents.

Workforce Programs

These programs use Social Security numbers as identifiers for program enrollment and completion. Also, it is used for entering placement information into either the One Stop Management Information System or the Employ Florida Marketplace statewide data collection and reporting system. Because these are performance-based contract programs, it is required that all participants and their program related activities be recorded in the Florida state systems.

Limited Access Health Sciences Programs

Limited access programs in Health Sciences collect Social Security numbers for the purpose of authorizing students and graduates to sit for state and/or national licensure or certification examinations. This information is shared directly with appropriate state and national licensure/certification boards through secure

communication platforms as required by each individual licensure/certification board.

Criminal Justice and Public Service Programs

Criminal Justice and Public Service programs collect Social Security numbers for the purpose of authorizing students and graduates to sit for state and/or national licensure or certification examinations as authorized in Florida Statute "943.13 Officers' Minimum Qualifications for Employment or Appointment" and Florida Administrative Code "11B-27 Certification and Employment or Appointment" and "11B-35.0011 Training Programs."

Miscellaneous

The Social Security number is used for identification and verification, billings and payments, data collection, reconciliation, tracking, benefit processing, and tax reporting.

Release Statement

Social Security numbers may be disclosed only pursuant to Florida Statute 119.071 (6a - 6h).

Independent Contractors

In order to become a vendor, contractors need to provide a W-9 and include their Employer Identification Number (EIN) or their Social Security Number in order to file information with the Internal Revenue service, as required and authorized by federal law.

(CF Administrative Procedure "Social Security Number Collection, Usage, and Release")

CF Transcripts

An official transcript request can be made online via parchment.com. A transcript fee of $7.25 is required at the time of each request for electronically sent transcript and can be paid by credit or debit card. An additional fee may apply for transcripts that are mailed. Students must be in good standing with the college (including all financial obligations and other holds) before the transcript request will be processed.

In accordance with F.S.1009.95(5), "No individual borrower who has been determined to be in default in making legally required scholarship loan, student loan, or guaranteed loan repayments shall be furnished with his or her academic transcripts or other student records until such time as the loan is paid in full or the default status has been removed." A student record is any information or data recorded that is directly related to a student in any medium including, but not limited to, handwriting, print, tapes, film, microfilm, microfiche, and any electronic storage or retrieval media.

Official transcripts are sent by Parchment electronically or through the U.S. Postal Service unless the student requests for the transcript to be picked up.

Unofficial transcripts can be obtained from the Florida Academic Counseling and Tracking System at www.floridashines.org for students who have been enrolled at CF in the last three semesters. Otherwise, a request must be made to the Enrollment Services office.

CF Foundation

The CF Foundation exists to help the College of Central Florida carry out its mission of providing quality educational services to residents in Marion, Citrus and Levy counties. The foundation provides financial resources to the college and its students, including student scholarships, endowed faculty and department awards, faculty/staff recognition, facilities and other gifts to the college.

The CF Foundation is a public, nonprofit, tax-exempt 501(c)(3) organization governed by a volunteer board of directors and operated under its own articles of incorporation and bylaws. Major fundraising activities, including but not limited to, an annual fund campaign and planned giving development, provide the resources needed to supplement government funding for the college.

The Foundation owns and operates the College Square student housing facility in Ocala. It also owns the works of art and permanent collection at the Appleton Museum of Art.

Additional information about the CF Foundation can be obtained at https://www.CF.edu/foundation or by calling 352-873-5808.

To apply online for scholarships:

1. Log in to the MyCF Student Portal (must have a student ID number, which is generated when you submit an admissions application to CF)
2. Select the Financial Aid tab at the top of the page
3. Select My Financial Aid
4. Select the Scholarship Application link and complete all requested information and ONLY SUMBIT THE APPLICATION ONCE for each academic year.

Sexual Offenders on Campus

Federal and state law requires a person designated as a sexual offender or sexual predator to register with the Florida Department of Law Enforcement. FDLE then is required to notify the local law enforcement agency where the offender resides, attends or is employed by an institution of higher learning. Offenders are also required to notify local law enforcement of their intent to apply for enrollment or employment at an institution of higher learning. The local law enforcement agency is, in turn, required to notify the college when receiving this information.

Information regarding sexual offenders or predators attending or employed by an institution of higher learning may be obtained from the local law enforcement agency with jurisdiction for the particular campus or by calling FDLE hotline (1-888-FL-PREDATOR) or (1- 888-357-7332), or by visiting the FDLE website at https://offender.fdle.state.fl.us/offender/sops/home.jsf.

The college has established a procedure for sexual offenders and predators who apply to the college. Sexual offenders are encouraged to self-identify when applying for admission by calling the office of the Dean of Student Services located at the Ocala Campus. Such individuals will be required to submit

specific information to the Dean of Student Services about their offense(s), adjudication, sentencing, probation and treatment, and will be interviewed to determine if they can be accepted. Conditions may be placed on their admittance to the college, and instructors in whose classes they enroll may be notified of their presence. **Sexual predators who apply for admission will be denied.** The complete CF Administrative Procedure on the Admission of Sexual Offenders or Sexual Predators can be found at https://pr.cf.edu/files/procedures/sexual_predator_offender.pdf.

Admission and Readmission of Students with a Violent Criminal Record

The college attempts to protect the safety of the campus community by screening applicants for admission or readmission who have a violent criminal record as well as by responding to information regarding violent illegal activity or new information concerning violent criminal charges for current students. The complete CF Administrative Procedure on the Admission and Readmission of Students with a Violent Criminal Record can be found at: http://pr.cf.edu/files/procedures/AdmissionReadmissionStudentsViolentCriminalRecord.pdf.

Veterans Information

Students who are using their Veterans Affairs education benefits for the first time must activate their benefits with the VA. It is recommended that veterans and/or dependents apply at https://www.va.gov/education/how-to-apply/. Hard copies of VA education benefit applications may also be downloaded from this website; however, **CF strongly suggests utilization of the online application to prevent significant delays in the receipt of education benefits.** Computers are available for use in the Enrollment Services Center at each campus and the CF Veterans Success Center (Building 5) at the Ocala Campus. Students may also pick up a VA Certification instruction sheet in the CF Veterans Success Center. This document provides detailed step-by-step instructions for application and use of VA educational benefits.

Allow 30 to 90 days for the VA electronic application to be processed by the VA regional office from the time the application is submitted by the veteran.

Each chapter 30, 31, 33, or 1606 veteran must also submit a copy of his/her DD-214 discharge papers to the Office of Enrollment Services to have HLP 1081 credits posted to his/her official CF transcript. By agreement between CF and the Veterans Affairs, each chapter 30, 31, 33, and 1606 veteran will receive HLP 1081 Personal Wellness credit with a grade of S. **Note:** Because of this agreement, Chapter 30, 31, 33, and 1606 students should NOT register for HLP 1081 because it is not covered by the GI Bill® VA benefits. Chapter 35 (spouse/dependent) students and dependents using Chapter 33 benefits are eligible to enroll in HLP 1081 at CF.

After submission of the VA education benefit application, it generally takes 30 days processing time by the VA regional office for initial certifications or seven to 10 business days for subsequent certifications before a benefit check is received.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government website at www.benefits.va.gov/gibill.

Veterans Application Process for VA Benefits

1. Submit a Certificate of Eligibility to the CF Veterans Success Center in Building 5 on the Ocala Campus. Students may also submit the form to the Financial Aid Offices on the Ocala or Citrus Campuses. The Certificate of Eligibility should be received in the mail from the VA after completing the online application. Students who have not received a Certificate of Eligibility after three months should call the VA directly at 888-442-4551.

2. Register for classes and submit class schedule and a Certification of Courses for VA Education Benefits Form to the CF Veterans Success Center each semester.
    a. As a veteran, you are able to register during the 40+ priority registration period. Priority registration dates are posted on the MyCF student portal as well as in the college calendar.

    b. CF will report to the VA only those classes which are required for your current program of study. **Important:** Veterans are STRONGLY encouraged to see an advisor to determine if they are taking courses that apply to the degree or program being sought at CF. ONLY THOSE COURSES THAT ARE REQUIRED FOR THE CURRENT DEGREE/PROGRAM WILL BE CERTIFIED TO THE VA. Independent study courses are eligible to be certified to the VA. Veterans will be responsible for all fees of courses that do not apply.

    c. If you are in your last semester of enrollment before graduation, you may take courses that are not required to complete your degree but which are within your declared program of study. You must notify the CF Veterans Success Center that you are graduating and submit the Round Out Acknowledgement Form. Note: For veterans who are receiving Federal Financial Aid in addition to veteran education benefits, round out courses that are not *required to complete* your degree will not count toward Federal Financial Aid eligibility. Once the eligibility form and the schedule have been submitted, the CF Veterans Success Center will complete the rest of the certification process. If it is your first time using your VA education

benefits, it may take up to 30 days before you receive your first payment.

Pre-Certification of Coursework

This is a courtesy offered by CF in which a benefit user can submit their schedule for the upcoming semester, and, the college will submit the information to the VA for early processing. **VETERANS ARE STRONGLY URGED TO TAKE ADVANTAGE OF PRE-CERTIFICATION**.

How does pre-certification help the veteran?

1. Initial processing of education benefits by the VA for the first-time user can be slow. Pre-certification reduces delays in benefit users receiving their eligible VA education benefits (housing or book stipend).
2. For returning veterans, pre-certification will help ensure there are no breaks in receiving education benefits due to delays of submitting the certification to the VA.

Once a pre-certification has been processed, no changes in enrollment status or course type (ex: on campus, hybrid, distance learning) will be made until the final certification after the drop/add period has ended unless directly requested by the veteran.

IMPORTANT: CF has no influence or control over the expediency of processing times by the VA.

Responsibilities of Students Receiving VA Education Benefits

Students receiving VA education benefits have the responsibility to:

- Submit a copy of your course schedule to the CF Veterans Success Center each semester to complete the necessary paperwork to certify VA education benefits.
- Immediately report any changes, including withdrawals, to your term schedule to the CF Veterans Success Center.
- Verify your enrollment monthly. Chapter 30 and 1606 need to verify enrollment at the end of each month on VA WAVE (www.gibill.va.gov/wave/index.do) or ask VA at https://ask.va.gov/, or by calling the attendance verification number, 888-823-2378. Chapter 33 uses text confirmation, reporting at ask VA, or by calling 888-GIBILL1. Chapter 31 and 35 receive a stipend payment every month once they are certified and are not required to verify enrollment. Chapter 35 NCD students are mailed a monthly verification form (VA Form 22-8979).
- Notify the DVA of any change of address. You can update your information at VA.gov or by calling 800-733-8387.
- Meet all other standards required by the VA to receive payments. Visit the CF Veterans Success Center for more information.

VA Deferments and Payment Policy

Students using Chapter 31 (Veterans Readiness and Employment) or Chapter 33 (the Post 9/11 GI Bill®) education benefits are permitted to attend or participate in the course of study beginning on the date on which the student provides to the CF Veterans Success Center a Certificate of Eligibility for entitlement to educational assistance under Chapter 31 or 33. CF will not impose any penalty, including the assessment of late fees or the denial of access to classes, libraries, or other college facilities. CF will not require any student who is using Chapter 31 or 33 to borrow additional funds due to the student's inability to meet his or her financial obligations to CF due to the delayed disbursement of funding from the Department of Veterans Affairs under Chapter 31 or 33.

Students must submit their Certificate of Eligibility for entitlement to educational assistance no later than the first day of a course of study for which they have indicated they would like to use their educational benefits and provide a copy of their schedule to the CF Veterans Success Center, Building 5, at the Ocala Campus, or email the schedule and the Certification of Courses for VA Educational Benefits Form to veterans@cf.edu. A student is then protected in his or her courses while the VA processes payment to CF. This benefit is afforded to the student as long as he or she is receiving benefits under Chapter 31 or 33.

In accordance with Florida law and college policy, any eligible veteran or dependent wishing to pursue an approved program within the parameters of Chapter 30, 35, or 1606 will have, upon request, up to 90 days after the first day of classes to pay registration fees. Students using VA educational benefits are responsible for payment of all deferred fees by the due date regardless of whether or not they have received benefits from the VA.

Veteran and dependent students receiving a VA deferment will be expected to pay their tuition and fees by the due date on their CF deferment contract. If the fees are not paid by the due date on the VA deferment contract, the following may occur:

- The student may be barred from class attendance.
- The student may be administratively withdrawn from current class enrollment and earn no grades or credits for the semester.
- The student's VA education benefits will be terminated along with current semester enrollment and reported to the VA. This will result in an overpayment status with the Veteran's Administration, and any received VA funds may need to be returned to the VA.
- The student will be in a repayment status to CF and be held responsible for tuition and fees owed even if the student earns no credit for their semester.
- The student will be barred from future registration until fees are paid.
- If fees remain unpaid, the student's account will be turned over for collection.
- The student will forfeit eligibility to receive any future VA deferments while attending CF.

Under Public Law 116.315, veterans cannot be certified to the VA by CF in any program in which Chapter 30, Chapter 33 and Chapter 35, and Chapter 1606 VA education benefit recipients comprise more than 85 percent of the enrollment in the program. Chapter 35 VA students are included in the 85:15 percent ratio computation; however, they can be certified to the VA in any approved program, regardless of the percentage of veterans in that program.

Payment Policy

Many veterans receive additional types of aid other than VA benefits, such as a Federal Pell grant or Federal Direct Student Loans. Since final coursework certification is not submitted until after the drop/add period has ended, tuition payment from the VA may not have been received by the college at the time of disbursement of the additional aid. CF's policy is to deduct payments owed to the college from the funds that are available at the time of disbursement. Once the VA has submitted tuition payment to the college on the veteran's behalf, those funds, less any tuition or fees still owed to CF, will be disbursed to the student.

VA Standards of Progress

A student receiving veteran's educational benefits is required to make satisfactory academic progress by meeting or exceeding the same minimum academic standards of progress required of other CF students. Please refer to the Academic Information section of the catalog for information on Academic Warning, Probation and Suspension. If these standards are not met, the college will request that the VA suspend educational benefits. Students not meeting standards for satisfactory progress will be so notified by the college Enrollment Services Office. This provision may be waived if there is a VA finding of mitigating or extenuating circumstances. Reinstatement for benefits will be made only if evidence indicates that improvement in academic performance may be expected.

Courses for which a grade of "W" is given are not included in determination of satisfactory progress, but such grades may result in an overpayment of benefits. The VA will recalculate benefits from the beginning of the term when the "W" creates a change in benefit status. In such cases, the VA requests a refund or adjustment unless the student shows mitigating circumstances which the VA finds satisfactory.

VA Withdrawals

The college is required to notify the VA of changes in enrollment after the drop/add period has ended. Withdrawals will be reported as a reduction in certified credit hours with an effective date of the last date of attendance of the course(s). Withdrawals, as well as failed coursework or nonattendance, may affect a veteran's benefits (housing/book allowance) in future semesters. Also, if the student has received benefits that are not yet earned due to the change in enrollment status, the VA may request a refund of those unearned funds.

Only courses that apply to the current degree or program will be certified to the VA. Minimum training time requirements for veterans are listed below.

Time Requirements

Fall/Spring

Each term (A, B, C) within the fall and spring semesters is treated separately for the purpose of benefit payments from the VA.

Example:

	Term A	**Term B**	**Term C**	
	Only	Only	Only	
Full time	6	6	12+	credit hours
3/4 time	5	5	9	credit hours
1/2 time	3*	3*	6*	credit hours

*Students receiving Chapter 33 VA education benefits must attend 51% or greater rate of pursuit to be eligible for VA housing allowance. For Term A and Term B, 51% or more is a minimum of 4 credit hours. For Term C, 51% or more is 7 credit hours. **Further, Chapter 31 or 33 VA students must take a minimum of one on-campus course to receive the full local housing allowance rate.** Students enrolled in only distance learning courses will be eligible for a monthly housing allowance equal to 50% of the national average of all basic housing allowance rates. Rates will be multiplied by the rate of pursuit rounded to the nearest multiple of 10.

Summer

Each term (A, B, C) within the summer semester is treated separately for the purpose of benefit payments from the VA.

Example:

	Term A	**Term B**	**Term C**	
	Only	Only	Only	
Full time	4	4	9+	credit hours
3/4 time	3	3	7	credit hours
1/2 time	2*	2*	5*	credit hours

*Students receiving Chapter 33 education benefits must attend 51% or greater rate of pursuit to be eligible for VA housing allowance. For Term A and Term B, 51 or more% is a minimum of 3 credit hours. For Term C, 51 or more% is 5 credit hours. **Further, Chapter 31 or 33 VA students must take a minimum of one on-campus course to receive the full local housing allowance rate.** Students enrolled in only distance learning courses will be eligible for a monthly housing allowance equal to 50% of the national average of all basic housing allowance rates. Rates will be multiplied by the rate of pursuit rounded to the nearest multiple of 10.

Baccalaureate Students

Each term (A and B) within the semester is treated separately for the purpose of benefit payments from the VA.

Example:

	Term A	Term B	
	Only	Only	
Full time	6	6	credit hours
3/4 time	4	4	credit hours
1/2 time	3*	3*	credit hours

*Students receiving Chapter 33 education benefits must attend 51% or greater rate of pursuit to be eligible for VA housing allowance. For Term A and Term B, 51% or more is a minimum of 4 credit hours. **Further, Chapter 31 or 33 VA students must take a minimum of one on-campus course to receive the full local housing allowance rate.** Students enrolled in only distance learning courses will be eligible for a monthly housing allowance equal to 50% of the national average of all basic housing allowance rates. Rates will be multiplied by the rate of pursuit rounded to the nearest multiple of 10.

Calculation of Enrollment Status

To determine the enrollment status for students attending a combination of terms, add the credit hours together. This total will be the student's enrollment status for the duration of the combination of terms.

Example for fall/spring semesters:

A term = attending 3 credit hours

C term = attending 6 credit hours

The student will be enrolled as full time until the end of the A term. The student will then be considered in 1/2 time enrollment until the end of the C term UNLESS the student enrolls in another course for the B term. Students should contact the CF Veterans Success Center with questions regarding less than half time or other enrollment variations.

Other Time Requirement Considerations:

- For students who are receiving Chapter 33 educational benefits, a course load of ALL online, hybrid or hi-flex courses may impact housing benefits. Contact the CF Veterans Success Center for more information.
- Any enrollment break of 30 or more days could result in an interruption of benefits.

Return of Unearned Tuition Assistance Funds

In accordance with DoDI 1322.25 requirements, CF will return any unearned tuition assistance (TA) funds on a proportional basis. TA funds are earned proportionally during an enrollment period, with unearned funds returned based on when a student stops attending. The military service that provided the applicable TA will be refunded in accordance with the schedule that follows for a standard 16-week college term:

Days Registered | Proportional Refund of TA Funds

0 to 7 days | 100 percent

8 to 28 days |75 percent

29 to 56 days | 50 percent

57 to 112 days | 0 percent

Unsatisfactory Attendance in Vocational Programs

Students receiving VA education benefits while attending vocational programs will be monitored on a weekly basis for attendance. The VA will be notified of unsatisfactory attendance at the point during a semester that a veteran student enrolled in a vocational program accumulates three unexcused absences. The student may not be recertified for veteran education benefits for a subsequent semester until 30 days of satisfactory attendance (no more than two unexcused absences in the 30-day period) has elapsed. Any veteran student in a vocational program who is terminated from receiving VA educational benefits will be notified in writing by CF.

Congressman C. W. Bill Young Veteran Tuition Waiver Program

The Congressman C.W. Bill Young Veteran Tuition Waiver Program (F.S., s. 1009.26 (13)(a) and (14)(b) is a program that requires a state university, Florida College System institution, or career center to waive out-of-state fees for an honorably discharged veteran of the U.S. Armed Forces, the U.S. Reserve Forces or the National Guard or any other student who is entitled to and uses educational assistance provided by the United States Department of Veterans Affairs, and who physically resides in Florida while enrolled in the institution.

Further information about the Congressman C.W. Bill Young Veteran Tuition Waiver Program is available at www.cf.edu/veterans.

AIDS and Bloodborne Pathogens

Information on college policy 3.02 on HIV and bloodborne pathogens is available in the Human Resources Office, the Learning Resources Department, on the college Intranet, and the office of the vice president for Student Affairs. Copies are available in the latter office. The Ocala and Citrus campuses have counselors well versed on the subject and available to work with persons who have AIDS or who have questions about AIDS. Information shared is kept in strict confidence. Contact the Student Advising Department for assistance.

Drug-free Campus and Workplace

The College of Central Florida is committed to providing a campus and workplace environment free from the abuse of alcohol and the illegal use of alcohol and other drugs. In compliance with the provisions of the Federal Drug-free Schools and Communities Act of 1989, the Drug-free Workplace Act, and the Florida Drug-free Workplace Program Requirements, the president or the president's designee will take such steps as are necessary in order to adopt and implement a program to prevent the unlawful possession, use or distribution of illicit drugs and alcohol by the College of Central Florida students or employees on college premises or part of any college activity. In furtherance of this policy, the president or the president's designee shall establish procedures for drug and alcohol testing of employees and students.

The following standards of conduct apply to students and employees:

- Students and employees are prohibited from engaging in the unlawful manufacture, distribution or use of illicit drugs and/or alcohol on college property, CF Foundation properties, and/or during college activities.
- Students are prohibited from attending class while under the influence of illegal drugs or alcohol.
- Employees are prohibited from reporting to work while under the influence of illegal drugs or alcohol.
- Employees and students shall notify the college of any criminal drug statute conviction for a violation occurring in the workplace or during college-sponsored activities no later than five (5) days after such conviction.

The president or the president's designee is authorized to impose disciplinary sanctions on students and employees (consistent with local, state and federal law), up to and including expulsion or termination of employment and referral for prosecution, for violations of standards of conduct required by this policy. For purposes of this policy, a disciplinary sanction may include completion of an appropriate rehabilitation program.

(Florida Statutes 112.0455, 440.101, 440.102, 1001.02, 1001.64, 1006.62; CF Board Policy 3.19)

Tobacco-Free College

The College of Central Florida strives to promote the health and wellness of its students and employees as well as a safe, comfortable environment for all who work, study, conduct business, or visit the college. Therefore, it is the policy of the District Board of Trustees that the College of Central Florida shall be a tobacco-free college.

1. Tobacco of any kind, in any form shall be prohibited at the College of Central Florida. This includes, but is not limited to, cigarettes, cigars, pipes, inhalers, vaporizers and electronic smoking-simulated instruments.* Snuff, chewing tobacco, and other tobacco products are also prohibited.
2. The use of tobacco of any kind shall be prohibited on all college owned, operated, leased, and/or controlled properties and facilities such as: buildings, student housing, bridges, walkways, sidewalks, parking lots and garages, on-campus streets and driveways, grounds, and exterior open spaces including the Enterprise Center and the Appleton Museum of Art.
3. Tobacco use shall be prohibited in all college leased or owned vehicles both on and off college property.
4. Tobacco use shall be prohibited in all personal vehicles while on college property.
5. Smoking materials must be extinguished prior to entering upon any CF property without exception. All tobacco products in use must be disposed of appropriately prior to entering upon any CF property, which includes enclosed vehicles.
6. The sale of cigarettes and other tobacco products, and the free distribution of tobacco products are prohibited.
7. This policy does not apply to off-campus facilities leased or used by the college for college events or functions. On those occasions, the tobacco policy of the facility shall be applicable.
8. The president or designee is authorized to develop procedures to implement this policy, including provisions for notification, signage, compliance, and enforcement.

*Electronic smoking simulated cigarettes (e-cigarettes) produce a vapor of undetermined and potentially harmful substances, which may appear similar to the smoke emitted by traditional tobacco products. Their use in workplaces and public places where smoking of traditional tobacco products is prohibited creates concern and confusion and leads to difficulties in enforcing the smoking prohibitions.

(Florida Statute 386.201 et. seq. , 1001.64(5), 1001.65; CF Board Policy 3.28)

Campus Environment

The campus environment will be conducive to learning. Thus, the president is authorized to establish rules which foster the learning environment, protect life and property, and promote the safety and security of campus buildings, property and occupants. Specific prohibitions on campus include:

1. Firearms or other dangerous weapons with the exception of:
    a. Law enforcement officials legally authorized to carry such weapons.
    b. Authorized classroom demonstrations of an unloaded weapon.
    c. Firearms that are securely encased or otherwise not readily accessible for immediate use that are stored in vehicles owned by people age 18 or older.
2. Any illegal drugs.
3. Animals may not be brought on any college grounds or facilities. Exceptions to this policy would include service animals for persons with disabilities; animals to be used for previously approved instructional or special programs; and when college facilities are repurposed by

a county's emergency operations center to be designated as a "pet friendly" shelter.

4. Agents, salespersons and solicitors, unless specifically authorized by the president or the president's designee or for those companies approved by the District Board of Trustees to offer an employee benefit through payroll deductions.
5. Food and beverages in classrooms and other college spaces, unless an area is specifically designated for food and beverages.
6. Gambling, except the sale of raffle tickets by college sponsored organizations provided such sale is a donation and/or has been cleared with the local Office of the State Attorney.
7. The use of tobacco of any kind on and in all college owned, operated, leased and/or controlled properties, facilities and vehicles.
8. Open burning or open flame including open flame devices of any kind on and in all college owned, operated, leased and/or controlled properties and facilities, unless authorized by the president or president's designee and in accordance with the Florida Fire Prevention Code and college procedure.
9. All minors that are not students shall not be allowed access to campus areas with the exceptions of:
    a. Accompanied by adult guardian.
    b. Sheltering for safety as dictated by emergency situations.
    c. In attendance of college approved events, social functions, common areas, and not learning and teaching areas unless specifically granted approval by college administration.
    d. Attending child care facilities.
10. Alcohol, unless authorized by the president, for approved CF Foundation or college functions.

(Florida Statutes 112.0455, 1000.06, 1001.02, 1001.64, 286.206 and Chapter 85-257, 386.204, 386.205, 633.202, 790.051, 790.10, 790.115, 790.251(7); CF Board Policy 3.20)

The Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act

The Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act, codified at 20 USC 1092 (f) as a part of the Higher Education Act of 1965, is a federal law that requires colleges and universities to disclose certain timely and annual information about campus crime and security policies. All public and private institutions of postsecondary education participating in federal student aid programs are subject to the act. The Clery Act, originally enacted by the U.S. Congress and signed into law by President George Bush in 1990 as the Crime Awareness and Campus Security Act of 1990, was championed by Howard and Connie Clery after their daughter Jeanne was murdered at Lehigh University in 1986. Amendments to the Act in 1998 renamed it in memory of Jeanne Clery.

Annual Report Requirement

The College of Central Florida publishes an annual report every year by October 1 that contains three years' worth of campus crime statistics and certain security policy statements including sexual assault policies that assure basic victims' rights, the law enforcement authority of campus police and where students should go to report crimes. The report is made available to all current students and employees while prospective students and employees are notified of its existence and afforded an opportunity to request a copy. A copy of the Campus Crime Report may be obtained in person at the Public Safety office on the Ocala and Citrus campuses, and the front desk in the lobby at the Levy campus, or by accessing the electronic version at www.cf.edu/publicsafety. Campus crime data and disclosures are also provided to the U.S. Department of Education as required by law.

Crime Statistics

The College of Central Florida must disclose crime statistics for the campus, unobstructed public areas immediately adjacent to or running through the campus, and certain non-campus facilities including but not limited to college owned property and remote classrooms. The statistics must be gathered from campus police or security, local law enforcement, and other school officials who have "significant responsibility for student and campus activities," such as student judicial affairs directors. Professional mental health and religious counselors are exempt from reporting obligations but may refer patients to a confidential reporting system, which the school has to indicate whether or not it has. Campus crime logs containing student right to know data are updated periodically and are located at www.cf.edu/publicsafety.

Title IX/Campus SaVE Act (Clery)/VAWA

Title IX of the Education Amendments of 1972 prohibits sex discrimination in any education program or activity receiving federal financial assistance. To learn more about Title IX, visit https://www.ed.gov/laws-and-policy/civil-rights-laws/title-ix-and-sex-discrimination.

The Campus Sexual Violence Elimination (Campus SaVE) Act, an amendment to the Clery Act, requires higher education institutions to increase transparency about crimes of sexual violence on campus; guarantees rights for victims of sexual violence and provides certain accommodations; provides certain standards in institutional conduct proceedings; and provides campus-wide prevention educational programming. To learn about the Campus, SaVE Act, visit https://www.stetson.edu/law/conferences/highered/archive/media/SaVE%20Summary.pdf.

The Violence Against Women Act (VAWA), reauthorized in 2022, creates and supports cost-effective responses to domestic violence, dating violence, sexual assault and stalking. To learn more about VAWA, visit https://www.hud.gov/vawa#close.

Together, these three laws guide the college's efforts to respond to reports of sexual harassment and provide ongoing education and prevention programming.

Should you ever find yourself in a situation where you are being sexually harassed (this includes sexual assault, domestic/dating violence or stalking), do not hesitate to dial 911.

CF Resources

Title IX Coordinator, 352-291-4410, compliance@cf.edu

Director of Accessibility and Counseling (Confidential Resource), 352-854-2322, Ext. 1580

Dean of Student Services, 352-854-2322, ext. 1430

Vice President, Regional Campuses, 352-249-1209, ext. 6109

Marion County Resources

CASA Marion (Domestic Violence Shelter)
352-722-2272 - 24-hour hotline
casamarion.org/

Marion County Sexual Assault Center
352-633-5563 - 24-hour hotline
Marionsexualassaultcenter.org

Ocala Police Department
402 S. Pine Ave., Ocala, FL 34471, 352-369-7000
ocalapd.com/resources/victim-services/domestic-violence

Marion County Sheriff's Office
692 N.W. 30th Ave., Ocala, FL 34475, 352-732-9111
www.marionso.com/dvunit

Kimberly's Center for Child Protection
2800 NE 14th St., Ocala, FL 34470, 352-873-4739
kimberlyscenter.org/

Citrus County Resources

Citrus County Abuse Shelter Association Inc.
352-344-8111 24-hour hotline
casafl.org/

Jessie's Place
Citrus County Children's Advocacy Center
1410 S. Lecanto Hwy., Lecanto, FL 34461, 352-270-8814
www.jessiesplacecitrus.org/

Levy County Resources

Another Way Inc.
1-866-875-7983 24-hour hotline
Levy County Outreach
624 N. Main St., Chiefland, FL 32626, 352-493-6810
www.anotherwayinc.net/locations.html

24/7 National Sexual Assault Hotline

1-800-656-4673

24/7 National Domestic Violence Hotline

1-800-799-7233 or text BEGIN to 88788

Hepatitis B/Meningitis Awareness

Florida law now requires that a postsecondary institution shall provide detailed information concerning the risks associated with meningococcal meningitis and hepatitis B and the availability, effectiveness, and known contraindications of any required or recommended vaccine to every student, or to the student's parent if the student is a minor, who has been accepted for admission. **Meningitis** is a serious disease that affects the brain and spinal cord. Because bacterial meningitis is a grave illness and can rapidly progress to death, it requires early diagnosis and treatment. This is often difficult because the symptoms closely resemble those of the flu and the highest incidence of meningitis occurs during late winter and early spring (flu season). When not fatal, bacterial meningitis can lead to permanent disabilities such as hearing loss, brain damage, or loss of limbs. **Hepatitis B** is a serious infectious disease caused by a virus that attacks the liver. The hepatitis B virus (HBV) can cause lifelong infection that leads to cirrhosis (scarring) of the liver, liver cancer or liver failure. There is no cure for hepatitis B, but the infection can be prevented by vaccination. In the United States, an estimated 800,000 to 1.4 million persons have a chronic hepatitis B infection. Approximately 2,000 to 4,000 people die every year from hepatitis B-related liver disease.

There have been no reported cases of meningitis or hepatitis B at our college in recent years.

Academic Information

CF Institutional Learning Outcomes

College of Central Florida is committed to the development of individuals within the traditions of our democratic society. Through the richness of cumulative learning experiences, individually and collectively, students become participants in a dynamic learning community by exhibiting cooperation, respect and self-direction. Additionally, students will demonstrate increased knowledge, improved skills, responsibility, teamwork, and the ability to make sound ethical choices. Growth in these cognitive, affective and ethical abilities is measured by institutional learning outcomes.

CF has identified five major student development learning objectives and competencies that describe the student development learning outcomes for a CF graduate. These learning outcomes can be applied in academic, employment, social and community contexts and must be crafted over a lifetime. These learning outcomes and competencies enable students to set learning goals and assess learning within and across academic disciplines and the disciplines of human inquiry and development. They provide a framework for students to grow intellectually, socially and culturally.

1. Communications
2. Quantitative and Analytical Reasoning
3. Critical Reasoning
4. Computer and Information Skills
5. Global Socio-Cultural Responsibility

General Education Core

A Statement of Purpose

The CF General Education basic core will consist of the following components: communications, humanities, mathematics, natural sciences and social sciences, which address student achievement of learning outcomes. In addition, students are expected to complete college advisement/orientations, and to achieve skills in basic computer use. The purpose of the common core is to expose all degree-seeking students to a diversity of disciplines while meeting the institutional learning outcomes to provide for the following:

1. minimum level of adult literacy
2. foundation for advanced study
3. inquiry and scholarship through the improvement of basic and critical thinking skills
4. increased knowledge and appreciation of human experiences and achievements in the arts and sciences
5. better understanding of individuals and their cultures, both in the United States of America and abroad

Requirements

A State Core consists of 15 credit hours of courses from the following disciplines: Communications, Humanities, Mathematics, Natural Sciences and Social Sciences, which address the Institutional Learning Outcomes. **All degree recipients of CF must successfully complete the State Core with a cumulative GPA of 2.0 or better.**

Communications

Studies that improve student abilities to exchange information through written or spoken communication. **Completion of this course with a grade of "C" or better is linked to earning the Fundamentals of Written Communication digital badge.**

- ENC1101 - Freshman Composition Skills I *Credits: 3* **
- ENC1101H - Honors Freshman Composition Skills I *Credits: 3* **

Humanities

Interdisciplinary study of the world's cultural expressions.

- ARH1000 - Art Appreciation *Credits: 3*
- HUM1020 - Introduction to the Humanities *Credits: 3*
- HUM1020H - Honors Introduction to the Humanities *Credits: 3*
- LIT1000 - Introduction to Literature *Credits: 3*
- MUL1010 - Music Appreciation *Credits: 3*
- PHI2010 - Introduction to Philosophy *Credits: 3*
- THE1000 - Theatre Appreciation *Credits: 3*

Social Sciences

Interdisciplinary study of society and the relationships among people within a society and between societies.

- AMH2010 - United States History to 1877 *Credits: 3*
- AMH2010H - United States History to 1877 Honors *Credits: 3*
- AMH2020 - United States History Since 1877 *Credits: 3*
- AMH2020H - United States History Since 1877 Honors *Credits: 3*
- ANT2000 - Introduction to Anthropology *Credits: 3*
- ECO2013 - Principles of Economics - Macro *Credits: 3*
- ECO2013H - Principles of Economics - Macro, Honors *Credits: 3*
- POS2041 - American National Government *Credits: 3*
- POS2041H - American National Government Honors *Credits: 3*
- PSY2012 - General Psychology *Credits: 3*
- PSY2012H - Honors General Psychology *Credits: 3*

Natural Sciences

The systematic study of the structure and behavior of the physical and natural world through observation and experiment.

- AST1002 - Descriptive Astronomy *Credits: 3*
- BSC1005 - Introduction to Biology *Credits: 3*
- BSC1005H - Introduction to Biology Honors *Credits: 3*
- BSC2010 - Integrated Principles of Biology I *Credits: 3*
- BSC2085 - Human Anatomy and Physiology I *Credits: 3*
- CHM1020 - Chemistry for Liberal Studies *Credits: 4*
- CHM2045 - General Chemistry I *Credits: 3*
- ESC1000 - Earth Science *Credits: 3*
- EVR1001 - Introduction to Environmental Science *Credits: 3*
- EVR1001H - Introduction to Environmental Science Honors *Credits: 3*
- GLY2010C - Physical Geology with Lab *Credits: 4*
- OCE1001 - Introductory Oceanography *Credits: 3*
- PHY1020 - Elementary Physics for the Nonscience Majors *Credits: 3*
- PHY1053C - General Physics I with Lab *Credits: 4*
- PHY2048C - General Physics with Calculus I with Lab *Credits: 5*
- PHY2048CH - General Physics with Calculus with Lab Honors *Credits: 5*

Mathematics

Studies that teach students to represent, interpret and analyze quantitative information symbolically, numerically, verbally and graphically.

Note: Any student who successfully completes a mathematics course for which one of the general education core course options in mathematics is an immediate prerequisite shall be considered to have completed the mathematics core.

- MAC1105 - College Algebra *Credits: 3* **
- MAC1105H - Honors College Algebra *Credits: 3* **
- MAC2311 - Calculus I with Analytic Geometry *Credits: 5* **
- MAC2311H - Calculus I with Analytic Geometry Honors *Credits: 5* **
- MGF1130 - Thinking Mathematically *Credits: 3* **
- STA2023 - Elementary Statistics *Credits: 3* **
- STA2023H - Honors Elementary Statistics *Credits: 3*

An Institutional Core of 21 credit hours of courses from the following disciplines: Communications, Humanities, Mathematics, Natural Sciences and Social Sciences, which address the Institutional Learning Outcomes. All Associate in Arts degree recipients must complete the Institutional Core with a cumulative GPA of 2.0 or better. Gordon Rule coursework requires a passing grade of C or better. **Gordon Rule courses are noted with ** throughout the catalog.**

Associate in Arts Degree Requirements

(For students planning to transfer to a four-year institution or entering a bachelor's program at CF after completing two years of studies)

In addition to the General Education Common Core requirements noted previously, **Associate in Arts** students must:

1. Complete at least 60 credit hours, all of which must be transferable academic work exclusive of occupational courses and wellness/fitness courses, unless required in program. (15 credits General Education Common Core, 21 or 22 credits General Education requirements, 24 credits General Education electives). **Note:** A.A. degree-seeking students who plan to transfer to a four-year program should be aware that a D grade may not transfer to the institution of their choice.
2. Achieve a grade point average of at least 2.0 (C) in all college work and at CF.
3. Complete at least 15 semester hours in residence at CF (minimum 25 percent of semester hours) and attend during the semester that the degree is earned.
4. To satisfy F.A.C. Rule 6A-10.30 (the Gordon Rule), complete with a grade of C in designated Gordon Rule classes (noted within Course Descriptions for applicable courses).
5. To satisfy F.A.C. Rule 6A-10.30 (the Gordon Rule), complete six semester credit hours of mathematics at the level of MAC1105 - College Algebra, MGF1130 - Thinking Mathematically , STA2023 - Elementary Statistics or higher. This rule is met when students complete, with a grade of C or better, six or more hours from the courses listed in the mathematics section of the General Education course requirements.
6. Complete 24 credit hours of elective courses, which include the required prerequisites for degree programs at the university. See your advisor for pathways for each program of study. Elective courses should be determined by the student's area of interest and the requirements of the four-year college to which the student plans to transfer. Courses used to satisfy foreign language requirements will count as electives.
7. Effective Fall 2014, F. S. s. 1007.262, requires demonstration of foreign language competency for Associate in Arts degree seeking students. Foreign language competency must be demonstrated through the completion of either two sequential courses in high school foreign language or the equivalent at the postsecondary level. Students enrolled in foreign language courses at CF must earn a grade of C or better before advancing to the next level. Students should consult with an advisor if they wish to satisfy this requirement with a CLEP exam score.
8. Effective Fall 2021, to satisfy F.A.C. 6A-10.02413, competency in civic literacy is a requirement for all students receiving an associate degree. Competency in civic literacy must be demonstrated in the following ways:

- Successful completion of either POS2041 American National Government, AMH2010 United States History to 1877 or AMH2020 United States History Since 1877, and
- Achieving a standard score on an approved assessment. Current approved assessment options include the following:

Assessment	Standard Score
AP Government and Politics: United States	3
AP United States History	4
CLEP: American Government	50
CLEP: History of the United States I	50
Florida Civic Literacy Examination	60%

- Students who previously completed the civic literacy competency requirement at a Florida College System or State University System institution are considered to have met the requirement. They are not required to repeat it.
- Students who earn credit by AP or CLEP exams will receive credit for both the course and the exam.

9. Effective Fall 2005, competency in the use of computers is a requirement for all degree-seeking students. This requirement may be satisfied through **one** of the following options:
    - satisfactory completion of a proficiency examination
    - satisfactory completion of one of the following industry certifications, **within the past five years**: Microsoft Word, IC3, Microsoft Excel, Microsoft Access, Microsoft PowerPoint, A+, Network+, Security+ or Server+
    - satisfactory completion of an approved college computer course, **within the past five years** (See below for applicable courses)

Students are strongly recommended to meet the computer competency requirement through one of the options listed above prior to the completion of 24 college level credit hours.

Computer Competency Course Options

To take the computer competency proficiency exam contact the Assessment and Testing Center, Bryant Student Union, Room 205.

Credit courses that meet the computer competency requirement are:

- CET1171 - Introduction to Computer Technology *Credits: 3 (Occupational Course)*
- CGS1100 - Microcomputer Applications *Credits: 3*
- CGS1100H - Microcomputer Applications Honors *Credits: 3*
- CGS2930 - Special Topics in Computers *Credits: 1 (Introduction to Computer Skills sections only)*
- EME2040 - Introduction to Technology for Educators *Credits: 3*
- IDS1107 - First Year Experience *Credits: 3*
- OST1100 - Introduction to Word *Credits: 3*
- SLS1122 - First Year Seminar *Credits: 3*
- SLS1501 - College and Career Success *Credits: 3*

Computer Competency for Health Sciences Programs

The following courses have been approved to satisfy the computer competency requirement for students in Health Sciences programs:

- CVT2920 - Cardiovascular Technologist as a Professional *Credits: 2*
- DEA1856 - Clinic III Seminar *Credits: 2*
- DES1502 - Dental Office Management *Credits: 2*
- EMS2658 - Paramedic Clinical Experience III *Credits: 5*
- NUR2244C - Clinical Concepts IV *Credits: 7*
- PHT2931 - Trends in Physical Therapy *Credits: 1*
- RET1291 - Clinical Respiratory Care I *Credits: 4*
- RTE1418C - Radiographic Imaging I *Credits: 4*
- SON1113 - Sonographic Cross-Sectional Anatomy *Credits: 3*
- STS2329 - Advanced Surgical Techniques, Procedures and Professional Skills *Credits: 4*

Transfer Pathway: Education

Students planning to study education in the State University System must complete, as a prerequisite for admission, ACT or SAT and the following:

- EDF2005 - Introduction to the Teaching Profession *Credits: 3*

  A minimum of 15 hours of supervised volunteer field experience in a school setting is required for this course. Students interested in the education field should contact the teacher education advisor at 352-854-2322, ext. 1620 for additional program information and requirements.

General Education Course Requirement

In addition to the state General Education core courses, each A.A. degree-seeking student MUST complete the following requirements (21 credits).

A.A. degree-seeking students must select courses from the General Education Institutional core course requirements. Each course addresses institutional competencies and outcomes, and satisfies the Florida State Board of Education standards to meet the Gordon Rule requirements for writing and mathematics. **All Gordon Rule writing and mathematics courses must be passed with a grade of C or better. General Education core**

courses (36 hours in total) must be passed with a cumulative GPA of 2.0 or higher. Gordon Rule courses are noted with ** throughout the catalog.

Note: A.A. degree-seeking students who plan to transfer to a four-year program should be aware that a D grade may not transfer to the institution of their choice.

ENC1101 is a prerequisite for all courses used to satisfy the Gordon Rule writing requirement. Courses used to satisfy the Gordon Rule requirement must be passed with a grade of C or better.

English

9 Credit Hours Required

(3 hours from State Core, 3 hours from Institutional Core and 3 hours from Oral Communications)

Required State General Education Core Course

- ENC1101 - Freshman Composition Skills I *Credits: 3* **
- ENC1101H - Honors Freshman Composition Skills I *Credits: 3* **

Institutional General Education Core Course

Choose One Communications Institutional General Education Core Course

- ENC1102 - Freshman Composition Skills II *Credits: 3* **
- ENC1102H - Honors Freshman Composition Skills II *Credits: 3* **
- ENC2210 - Technical Communications *Credits: 3* **
- OST2335 - Business Communications *Credits: 3* **

Oral Communications Requirement

Choose One Course to Satisfy Oral Communications Requirement

- SPC2594 - Intercollegiate Forensic Speech *Credits: 1*
- SPC2608 - Effective Speaking *Credits: 3*
- SPC2608H - Honors Effective Speaking *Credits: 3*

Humanities

6 Credit Hours Required

(3 hours from State Core, 3 hours from Institutional Core)

State General Education Core Course

Choose One Humanities State General Education Core Course

- ARH1000 - Art Appreciation *Credits: 3*
- HUM1020 - Introduction to the Humanities *Credits: 3*
- HUM1020H - Honors Introduction to the Humanities *Credits: 3*
- LIT1000 - Introduction to Literature *Credits: 3*
- MUL1010 - Music Appreciation *Credits: 3*
- PHI2010 - Introduction to Philosophy *Credits: 3*
- THE1000 - Theatre Appreciation *Credits: 3*

Institutional General Education Core Course

Choose One Humanities Institutional General Education Core Course

- ARH2050 - The History of Art I (Prehistory to 1500 A.D.) *Credits: 3* **
- ARH2051 - The History of Art II (1500 A.D. to 20th century) *Credits: 3* **
- FIL2000 - Introduction to Film *Credits: 3* **
- FIL2000H - Honors Introduction to Film *Credits: 3* **
- HUM2310 - Mythology and the Humanities *Credits: 3* **
- HUM2310H - Honors Mythology and the Humanities *Credits: 3* **
- LIT2110 - World Literature I (Eighth Century BC-17th Century AD) *Credits: 3* **
- LIT2110H - World Literature I Honors (Eighth Century B.C.-17th Century A.D.) *Credits: 3* **
- LIT2120 - World Literature II (17th-20th Century) *Credits: 3* **
- LIT2120H - World Literature II Honors (17th-20th Century) *Credits: 3* **
- REL2300 - Comparative Religions *Credits: 3* **
- REL2300H - Honors Comparative Religions *Credits: 3* **
- TPP2100 - Acting I *Credits: 3*

Social Sciences

9 Credit Hours Required

(3 hours from State Core, 3 hours from Institutional Core, 3 hours from Personal Development)

General Education Core Course

Choose One Social Sciences State General Education Core Course

- AMH2010 - United States History to 1877 *Credits: 3*
- AMH2010H - United States History to 1877 Honors *Credits: 3*
- AMH2020 - United States History Since 1877 *Credits: 3*
- AMH2020H - United States History Since 1877 Honors *Credits: 3*
- ANT2000 - Introduction to Anthropology *Credits: 3*
- ECO2013 - Principles of Economics - Macro *Credits: 3*
- ECO2013H - Principles of Economics - Macro, Honors *Credits: 3*
- POS2041 - American National Government *Credits: 3*
- POS2041H - American National Government Honors *Credits: 3*
- PSY2012 - General Psychology *Credits: 3*
- PSY2012H - Honors General Psychology *Credits: 3*

Institutional General Education Core Course

Choose One Social Sciences Institutional General Education Core Course

- CCJ2010 - Criminology *Credits: 3* **

- CPO2001 - Comparative Politics *Credits: 3*
- ECO2023 - Principles of Economics - Micro *Credits: 3* **
- EDF2005 - Introduction to the Teaching Profession *Credits: 3*
- DEP2004 - Human Growth and Development *Credits: 3* **
- DEP2004H - Honors Human Growth and Development *Credits: 3* **
- INR2002 - International Relations *Credits: 3* **
- WOH2012 - World Civilizations I *Credits: 3* **
- WOH2012H - Honors World Civilizations I *Credits: 3* **
- WOH2022 - World Civilizations II *Credits: 3* **
- WOH2022H - Honors World Civilizations II *Credits: 3* **

Personal Development Core Course

Choose One Personal Development Institutional General Education Core Course

- PHI1100 - Introduction to Logic *Credits: 3*
- PHI2600 - Introduction to Ethics *Credits: 3*
- PSY2861 - Positive Psychology *Credits: 3*
- SOP2001 - Social Psychology *Credits: 3*

Mathematics

6 Credit Hours Required

(3 hours from State Core and 3 hours from either State Core or Institutional Core)

Note: Any student who successfully completes a mathematics course for which one of the general education core course options in mathematics is an immediate prerequisite shall be considered to have completed the mathematics core.

State General Education Core Course

Choose One Mathematics State General Education Core Course

- MAC1105 - College Algebra *Credits: 3* **
- MAC1105H - Honors College Algebra *Credits: 3* **
- MAC2311 - Calculus I with Analytic Geometry *Credits: 5* **
- MAC2311H - Calculus I with Analytic Geometry Honors *Credits: 5* **
- MGF1130 - Thinking Mathematically *Credits: 3* **
- STA2023 - Elementary Statistics *Credits: 3* **
- STA2023H - Honors Elementary Statistics *Credits: 3* **

Institutional General Education Core Course

Choose One Mathematics Institutional General Education Core Course

- MAC1114 - Trigonometry *Credits: 3* **
- MAC1140 - Precalculus (Algebra) *Credits: 3* **
- MAC1147 - Precalculus Algebra/Trigonometry *Credits: 5* **
- MAC2233 - Calculus for Business and Social Science *Credits: 3* **
- MAC2233H - Calculus for Business and Social Sciences Honors *Credits: 3* **
- MAC2312 - Calculus II with Analytic Geometry *Credits: 5* **
- MAC2312H - Calculus II with Analytic Geometry Honors *Credits: 5* **
- MAC2313 - Calculus III with Analytic Geometry *Credits: 4* **
- MAC2313H - Calculus III with Analytic Geometry Honors *Credits: 4* **
- MAD2104 - Discrete Mathematics *Credits: 3* **
- MAP2302 - Elementary Differential Equations *Credits: 3* **
- MAP2302H - Elementary Differential Equations Honors *Credits: 3* **
- MAS2103 - Matrix and Linear Algebra *Credits: 4* **
- MGF1131 - Mathematics in Context *Credits: 3* **

Natural Sciences

6 Credit Hours Required

(3 hours from State Core and 3 hours either State Core or Institutional Core)

State General Education Core Course

Choose One Natural Sciences State General Education Core Course

- AST1002 - Descriptive Astronomy *Credits: 3*
- BSC1005 - Introduction to Biology *Credits: 3*
- BSC1005H - Introduction to Biology Honors *Credits: 3*
- BSC2010 - Integrated Principles of Biology I *Credits: 3*
- BSC2085 - Human Anatomy and Physiology I *Credits: 3*
- CHM1020 - Chemistry for Liberal Studies *Credits: 4*
- CHM2045 - General Chemistry I *Credits: 3*
- ESC1000 - Earth Science *Credits: 3*
- EVR1001 - Introduction to Environmental Science *Credits: 3*
- EVR1001H - Introduction to Environmental Science Honors *Credits: 3*
- GLY2010C - Physical Geology with Lab *Credits: 4*
- OCE1001 - Introductory Oceanography *Credits: 3*
- PHY1020 - Elementary Physics for the Nonscience Majors *Credits: 3*
- PHY1053C - General Physics I with Lab *Credits: 4*
- PHY2048C - General Physics with Calculus I with Lab *Credits: 5*
- PHY2048CH - General Physics with Calculus with Lab Honors *Credits: 5*

Institutional General Education Core Course

Choose One Natural Sciences Institutional General Education Core Course

- BOT1000 - Plant Science *Credits: 3*
- BSC1080 - Basic Anatomy and Physiology *Credits: 3*

- BSC2011 - Integrated Principles of Biology II *Credits: 3*
- BSC2086 - Human Anatomy and Physiology II *Credits: 3*
- BSC2862C - Global Change, Ecology and Sustainability *Credits: 4*
- CHM1025 - Introductory Chemistry *Credits: 3*
- CHM1032 - Chemistry for the Health-Related Fields *Credits: 3*
- CHM2046 - General Chemistry II *Credits: 3*
- CHM2210 - Organic Chemistry I *Credits: 3*
- CHM2210H - Organic Chemistry I Honors *Credits: 3*
- CHM2211 - Organic Chemistry II *Credits: 3*
- CHM2211H - Organic Chemistry II Honors *Credits: 3*
- ESC1200C - Earth Science for Educators *Credits: 4*
- EVR1264 - Environmental Health *Credits: 3*
- GLY1102 - Age of Dinosaurs *Credits: 3*
- ISC1004H - Integrated Natural Sciences I - Honors *Credits: 3*
- MCB2010 - Microbiology *Credits: 3*
- MCB2010H - Microbiology Honors *Credits: 3*
- OCB1630 - Introduction to Marine Ecology *Credits: 3*
- PHY1054C - General Physics II with Lab *Credits: 4*
- PHY2049C - General Physics with Calculus II with Lab *Credits: 5*
- PHY2049CH - General Physics with Calculus II with Lab Honors *Credits: 5*

Electives - 24 Credit Hours

You may choose any of the General Education courses or the General Electives on the following pages.

See an A.A. advisor for preprofessional course requirements for your area of interest.

Completion of Computer Literacy Requirement

Refer to the list of options.

Summary of Associate in Arts Degree

GENERAL EDUCATION:	36 HOURS
English	9 Hours
Humanities	6 Hours
Social Science	9 Hours
Mathematics	6 Hours
Natural Science	6 Hours
ELECTIVES:	24 HOURS
TOTAL CREDIT HOURS	**60 HOURS**

General Electives

In addition to the common core courses and the General Education course requirements, each A.A. degree-seeking student MUST complete 24 credit hours of the following general electives. The following courses may be used to satisfy the requirement for 24 elective hours. Gordon Rule courses from the General Education listings may also be used as electives, according to the student's planned field at a university. Gordon Rule courses require a passing grade of C or better.

Art and Digital Media (Non-Gordon Rule)

- ART1201C - Basic Design I *Credits: 3*
- ART1300C - Freehand Drawing I *Credits: 3*
- ART1400 - Printmaking I *Credits: 3*
- ART1500C - Painting I *Credits: 3*
- ART2750C - Ceramics I *Credits: 3*
- ART2751C - Ceramics II *Credits: 3*
- ART2203C - Basic Design II *Credits: 3*
- ART2301C - Freehand Drawing II *Credits: 3*
- ART2401 - Printmaking II *Credits: 3*
- ART2501C - Painting II *Credits: 3*
- ART2701C - Sculpture I *Credits: 3*
- ART2702C - Sculpture II *Credits: 3*
- DIG2000 - Introduction to Digital Media *Credits: 3*
- DIG2109C - Digital Imaging and Fundamentals *Credits: 3*
- DIG2280C - Digital Video and Sounds *Credits: 3*
- DIG2500 - Fundamentals of Interactive Media and Web Design *Credits: 3*
- GRA2120C - Paper Design and Layout (Adobe InDesign) *Credits: 3*
- GRA2150C - Raster Based Image Editing (Adobe Photoshop) *Credits: 3*
- GRA2156C - Digital Illustration Vector Based (Adobe Illustrator) *Credits: 3*
- GRA2751C - Visual Design for Web *Credits: 3*

Business (Non-Gordon Rule)

- ACG2021 - Financial Accounting *Credits: 3*
- ACG2071 - Managerial Accounting *Credits: 3*
- BUL2241 - Business Law I *Credits: 3*
- FIN2100 - Business Finance *Credits: 3*
- GEB1011 - Introduction to Business *Credits: 3*
- GEB1011H - Introduction to Business Honors *Credits: 3*
- GEB2350 - Introduction to International Business *Credits: 3*
- MAN2021 - Principles of Management *Credits: 3*
- MAR2011 - Principles of Marketing *Credits: 3*
- OST1100 - Introduction to Word *Credits: 3*

Child Development and Education (Non-Gordon Rule)

- CHD1440C - Child Care Practicum I *Credits: 3*
- CHD1441C - Child Care Practicum II *Credits: 3*
- EEC2200 - Curriculum in Childhood Education *Credits: 3*
- EEC2930 - Seminar in Childhood Education *Credits: 3*
- EEC2001 - Introduction to Administration in Early Childhood Education *Credits: 3*

- EEC1000 - Introduction to Child Development and Education *Credits: 3*
- EEC1603 - Child Guidance *Credits: 3*
- EEC2401 - Home and Community *Credits: 3*
- EEC1921 - Preschool Workshop *Credits: 3*
- EEC1907 - Observing and Recording Behavior *Credits: 3*
- EEX2010 - Survey of Disabling Conditions *Credits: 3*

Communications

- ASL1140 - Introduction to American Sign Language I *Credits: 4*
- ASL1150 - Introduction to American Sign Language II *Credits: 4*
- CHI1120 - Elementary Chinese I, Concentrated *Credits: 4*
- CHI1121 - Elementary Chinese II, Concentrated *Credits: 4*
- CRW2001 - Creative Writing I *Credits: 3*
- CRW2002 - Advanced Creative Writing *Credits: 3*
- FRE1120 - Elementary French I *Credits: 4*
- FRE1121 - Elementary French II *Credits: 4*
- JOU2345 - Writing for Online Media *Credits: 3*
- LIT2330 - Introduction to Children's Literature *Credits: 3*
- SPC2300 - Interpersonal Communication *Credits: 3*
- SPC2594 - Intercollegiate Forensic Speech *Credits: 1*
- SPN1120 - Elementary Spanish I *Credits: 4*
- SPN1120H - Elementary Spanish I Honors *Credits: 4*
- SPN1121 - Elementary Spanish II *Credits: 4*
- SPN1121H - Elementary Spanish II Honors *Credits: 4*
- SPN2220 - Intermediate Spanish I *Credits: 4*
- SPN2221 - Intermediate Spanish II *Credits: 4*

Computer and Information Science

- CGS1100 - Microcomputer Applications *Credits: 3*
- CGS1100H - Microcomputer Applications Honors *Credits: 3*
- CGS2103 - Spreadsheet Applications *Credits: 3*
- CGS2540 - Database Management Systems *Credits: 3*
- OST1100 - Introduction to Word *Credits: 3*
- COP2250 - Java Programming *Credits: 3*

Criminal Justice

- CCJ1020 - Introduction to Criminal Justice System *Credits: 3*
- CJC1000 - Crime and Punishment *Credits: 3*
- CJJ1002 - Juvenile Delinquency *Credits: 3*
- CCJ2013 - Criminal Victimization *Credits: 3*
- CJE2061 - Policing in America *Credits: 3*
- CJL2130 - Criminal Law, Evidence and Procedures *Credits: 3*
- CJE2330 - Ethics in Criminal Justice *Credits: 3*
- CJE2600 - Introduction to Forensics and Criminal Investigation *Credits: 3*

Humanities

- AML2010 - Survey of American Literature I *Credits: 3* **
- AML2010H - Honors Survey of American Literature I *Credits: 3* **
- AML2020 - Survey of American Literature II (19th-20th Centuries) *Credits: 3* **
- ENL2000H - Honors English Literature *Credits: 3* **
- ENL2012 - English Literature I *Credits: 3* **
- ENL2022 - English Literature II *Credits: 3* **
- HUM2532 - Western Culture and Ideas *Credits: 3*
- HUM2532H - Honors Western Culture and Ideas *Credits: 3*
- PHI2631 - Ethics and Business *Credits: 3*
- PHI2930 - Special Topics in Philosophy *Credits: 3*
- REL2210 - The Old Testament *Credits: 3*
- REL2240 - The New Testament *Credits: 3*
- REL2930 - Special Topics in Religion *Credits: 3*

Mathematics (Non-Gordon Rule)

See courses in General Education section.

- MAT1033 - Intermediate Algebra *Credits: 3*

Music, Dance and Theatre

- DAA1000 - Introduction to Dance *Credits: 2*
- DAA1100 - Modern Dance Techniques and Performance *Credits: 2*
- DAA1101 - Modern Dance Techniques and Performance II *Credits: 2*
- DAA1200 - Ballet I *Credits: 2*
- DAA1201 - Ballet II *Credits: 2*
- DAA1500 - Beginning Jazz I *Credits: 2*
- DAA1680 - Patriot Dance Ensemble *Credits: 1*
- DAA2501 - Intermediate Jazz I *Credits: 2*
- DAA2540 - Musical Theatre Dance *Credits: 2*
- MUE2040 - Introduction to Music Education *Credits: 3*
- MUE2450 - Woodwind Techniques *Credits: 2*
- MUN1012 - Wind Symphony *Credits: 1*
- MUN1270 - Concert Band *Credits: 1*
- MUN1310 - Musical Theatre Ensemble *Credits: 2*
- MUN1340 - Concert Choir *Credits: 1*
- MUN1420 - Woodwind Ensemble *Credits: 1*
- MUN1430 - Brass Ensemble *Credits: 1*
- MUN1710 - Jazz Band *Credits: 1*
- MUN1770 - Jazz/Pop Combo Ensemble *Credits: 1*
- MUT1111 - Music Theory I *Credits: 3*
- MUT1112 - Music Theory II *Credits: 3*
- MUT2116 - Music Theory III *Credits: 3*

- MUT2117 - Music Theory IV *Credits: 3*
- MVK1111 - Class Piano I *Credits: 1*
- MVK1112 - Class Piano II *Credits: 1*
- MVV1111 - Class Voice *Credits: 1*
- THE2925 - Production and Performance *Credits: 1*
- THE2927 - Advanced Play Production *Credits: 1*
- TPA1200C - Basic Stagecraft *Credits: 3*
- TPA1290 - Technical Theatre Lab *Credits: 1*
- TPA2070 - Scene Painting *Credits: 3*
- TPA2220 - Stage Lighting *Credits: 3*
- TPA2212 - Sound Production for the Theatre *Credits: 3*
- TPP2111 - Acting II *Credits: 3*
- THE1925 - Play Production *Credits: 3*

Natural Sciences

Also see courses in General Education section

- BSC2010L - Integrated Principles of Biology Laboratory I *Credits: 1*
- BSC2011L - Integrated Principles of Biology Laboratory II *Credits: 1*
- BSC2085L - Human Anatomy and Physiology I Lab *Credits: 1*
- BSC2086L - Human Anatomy and Physiology II Lab *Credits: 1*
- CHM1025L - Introductory Chemistry Lab *Credits: 1*
- CHM1032L - Chemistry for the Health-Related Fields Lab *Credits: 1*
- CHM2045L - General Chemistry I Lab *Credits: 1*
- CHM2046L - General Chemistry II Lab *Credits: 1*
- CHM2210L - Organic Chemistry I Lab *Credits: 1*
- CHM2211L - Organic Chemistry II Lab *Credits: 1*
- ESC1000L - Earth Science Lab *Credits: 1*
- MCB2010L - Microbiology Lab *Credits: 1*

Social Sciences

- AMH2070 - History of Florida *Credits: 3*
- AMH2091 - Introduction to African-American History *Credits: 3*
- ANT2140 - Introduction to Archaeology *Credits: 3*
- ANT2825 - Anthropology Field School *Credits: 6*
- EME2040 - Introduction to Technology for Educators *Credits: 3*
- EDP2002 - Educational Psychology *Credits: 3*
- HIS2955 - Studies Abroad in Civilization *Credits: 3*
- IDH2703H - Honors Leadership Development *Credits: 3*
- IDH2911H - Honors Research Process *Credits: 3*
- IDS1107 - First Year Experience *Credits: 3*
- INR2500 - Model United Nations *Credits: 3*
- ISS1013 - Introduction to the Social Sciences *Credits: 3*
- ISS2936H - Honors Colloquium in Contemporary Social Issues *Credits: 1*
- LAH2020 - Introduction to Latin American Civilization *Credits: 3*
- POS2112 - State and Local Government *Credits: 3*
- PSY2930 - Special Topics *Credits: 1*
- SLS1122 - First Year Seminar *Credits: 3*
- SLS1501 - College and Career Success *Credits: 3*
- SLS2261 - Leadership Development *Credits: 3*
- SLS2261H - Leadership Development Honors *Credits: 3*
- SYG2000 - Introductory Sociology *Credits: 3*
- SYG2340 - Human Sexuality and Society *Credits: 3*
- SYG2430 - Marriage and the Family *Credits: 3*

Wellness/Fitness

- HLP1081 - Personal Wellness Appraisal and Improvement *Credits: 3*
- HSC1171 - Stress Management and Emotional Health *Credits: 3*
- HSC2140 - Drugs in Society *Credits: 3*
- HUN1201 - Human Nutrition *Credits: 3*
- PET2622C - Care and Prevention of Athletic Injuries *Credits: 3*

Developmental Education Courses

The developmental education program promotes and supports student success through a variety of courses, specialized services and curriculum innovations through the college's Liberal Arts and Sciences division. These courses prepare CF students for college and personal success by building a strong academic foundation in the core subjects of reading, writing and mathematics. We offer additional courses and workshops designed to develop effective study, life and career skills and students are encouraged to take advantage of the academic and TRIO Student Support Services program offered through the division to enhance college success. As part of the college's enrollment process, students will be determined eligible for either our Elective Pathway or Prescribed Pathway. This determination is based on a number of factors including date of high school graduation, type of high school diploma, and military status. Details about each pathway are provided below:

Elective Pathway students are not required to submit common placement test scores or enroll in developmental education. The Elective Pathway provides students the option of taking the Postsecondary Education Readiness Test (PERT) to help identify skill areas in need of additional preparation and the option of enrolling in developmental education courses as pre- or corequisites. First-Year Success Specialists can provide additional information on the developmental education options and strategies available.

Prescribed Pathway students are required to take a common placement test (PERT) to determine placement into college-level courses in English and mathematics. Based on this assessment, students may be placed in developmental education courses in one or more skill areas. In the case of international students or

non-native speakers of English, placement may begin in one of our English as a Second Language courses. All of our developmental education courses provide the foundation for success in college level English or math courses.

The three areas of developmental education instruction are mathematics, English (writing) and reading. The developmental education curriculum has been streamlined for maximum effectiveness and efficiency. Courses are delivered in accelerated, modularized, and co-requisite formats to ensure students who need developmental education can complete these courses in one term or less.

All students recommended to enroll in developmental education may elect to seek an alternative source for remedial instruction. The alternatives may include but not be limited to a private provider, continuing education, or the Learning Support Center. First-Year Success Specialists can provide additional information on the developmental education options and strategies available.

DEVELOPMENTAL EDUCATION COURSES

Developmental Education or college preparatory courses do not meet the General Education requirements and are nontransferable electives. They cannot be used to meet the 60-hour graduation requirement.

Nontransferable Electives

College credit is not given for these courses:

- EAP0300C - English as a Second Language - Speech/Listening *Credits: 4*
- EAP0383C - English as a Second Language - Combined Skills *Credits: 4*
- EAP0384C - English as a Second Language - Grammar and Writing I *Credits: 4*
- EAP0480C - English as a Second Language - Intermediate Combined Skills II *Credits: 4*
- EAP0484C - English as a Second Language - Grammar and Writing II *Credits: 4*
- ENC0015 - Introduction to College Writing I *Credits: 3*
- ENC0017 - Introduction to College Reading and Writing I *Credits: 4*
- ENC0025 - Introduction to College Writing II *Credits: 3*
- ENC0027 - Introduction to College Reading and Writing II *Credits: 4*
- MAT0057 - Introduction to College Math (Module 3.0) *Credits: 3*
- REA0007 - Introduction to College Reading I *Credits: 3*
- REA0017 - Introduction to College Reading II *Credits: 3*

Student Life Skill Courses

Student Life Skills courses meet the General Education requirements and are transferable electives. They can be used to meet the 60-hour graduation requirement. IDS 1107 First Year Experience, SLS1501 - College and Career Success and SLS1122 - First Year Seminar may be used to satisfy the computer competency requirement.

All new students are encouraged to enroll in IDS 1107 First Year Experience, SLS1122 - First Year Seminar or SLS1501 - College and Career Success in their first semester.

- IDS1107 - First Year Experience *Credits: 3*
- SLS1122 - First Year Seminar *Credits: 3*
- SLS1501 - College and Career Success *Credits: 3*

Associate in Arts Guarantees

Associate in Arts graduates are guaranteed certain rights under the statewide articulation agreement (Rule 6A-10.024). The articulation agreement governs the transfer of students from Florida public colleges into the State University System. The agreement addresses general admission to the State University System and program admission to selected programs at a university.

General Admission

Guarantees:

Florida's articulation agreement designates the Associate in Arts degree as the transfer degree. In doing so, the agreement guarantees that:

1. State college A.A. degree holders will be granted admission to a university within the State University System, but not necessarily to the university or program of choice.
2. Upon transferring to a state university, A.A. degree graduates will be awarded 60 credit hours toward the baccalaureate degree.
3. Generally, the university catalog in effect the year the A.A. degree student first enrolled at the state college will remain in effect for the student's entire program, provided the student maintains continuous enrollment as defined in that catalog and completes the program within the university's specified time frame. **Note:** Certain changes in law may affect the catalog.
4. Once a student has completed the General Education requirements and this is so noted on the transcript, regardless of whether an A.A. degree is awarded, no other state university or state college to which the student may transfer can require additional courses to the General Education requirements.
5. When transferring among institutions participating in the Statewide Course Numbering System, a receiving institution must accept all courses taken at the transfer institution if the same course with the same course number is offered at the receiving institution.
6. Credits earned through articulated acceleration mechanisms, such as dual enrollment, International Baccalaureate, early admission, Advanced Placement, and credit by examination, that are earned within the A.A. degree at the state college, will be transferable to the state university.

Students without an A.A. degree who are seeking admission to a state university do not have all the protection provided by the articulation agreement and may be denied admission or lose credit when transferring. In most cases, students without an A.A. degree will have to meet freshman admissions standards.

Program Admission

General

The universities determine the courses and prerequisites that must be taken in order to receive a baccalaureate degree for a chosen program. Although all credit earned toward an A.A. degree will transfer to a university, not all credit may satisfy the program prerequisites or the course requirements for a baccalaureate degree. Therefore, it is important to know the program requirements and to take as many of these courses as possible at the state college while completing the A.A. degree.

Limited Access

A limited-access program is one in which both program admission and course registration are restricted to a certain number of students meeting predetermined criteria. Limited-access status is justified when student demand exceeds available resources or accreditation requirements (i.e., student/faculty ratios, instructional facilities and equipment, clinical sites) or the nature of the program calls for specific admission requirements.

Limited-access programs have admissions processes and criteria beyond general college admissions. While any student meeting the minimum criteria is encouraged to apply, not all applicants may be accepted for the desired term.

CF Health Science and Law Enforcement programs are limited-access programs with special entrance requirements that vary by program. Please see the college catalog, academic program page of the website, printed program cards or information packet of each program for complete information. Limited-access program criteria may include:

- Application specific to the program
- Specialized testing
- Prerequisite courses
- Criminal background check
- Physical examination
- CPR certification
- Minimum age
- U.S. Citizenship
- No criminal history

Please note that admissions requirements may change occasionally. Consult with your advisor for the most current information.

The College of Central Florida offers the following limited-access programs.

BACHELOR'S DEGREE PROGRAMS

- Bachelor of Science in Early Childhood Education
- RN to BSN

ASSOCIATE DEGREE PROGRAMS

- Dental Hygiene
- Nursing
- Emergency Medical Services
- Physical Therapist Assistant
- Radiography
- Respiratory Care
- Nursing-Licensed Practical Nurse to Associate Degree Nurse Bridge
- Nursing-Paramedic to Associate Degree Nurse Bridge
- Surgical Services

COLLEGE CREDIT CERTIFICATE

- Emergency Medical Technician
- Paramedic

APPLIED TECHNOLOGY DIPLOMA

- Dental Assisting

CAREER AND TECHNICAL CERTIFICATE PROGRAMS

- Correctional Officer
- Law Enforcement Officer

Guarantees

Neither Associate in Arts graduates nor native university students are guaranteed admission to limited-access programs. However, the articulation agreement does provide certain guarantees, including that:

1. The state college student will have the same opportunity to enroll in a university limited-access program as the native university student.
2. Selection and enrollment criteria for a university limited-access program must be established and published in catalogs, counseling manuals and other appropriate publications. Changes in program enrollment criteria must be given with sufficient advance notice for prospective students to adjust their programs to meet the new criteria.

Should any of these guarantees be denied, the student has the right to file an appeal. Each state university and state college has established appeal procedures. These procedures must be published in the university catalog. As a general rule, if a student is denied admission to a university or a program at the university and wants to appeal, the appeal must be initiated at the university admissions office.

University Transfer Admission Appeals

If a student who has earned an Associate in Arts degree is accepted into a Florida public university but is denied admission to

a program, the university must state the reasons for the denial. This is usually done in a letter from the dean of the college, school or department. Any request for further clarification should include:

1. a copy of the letter of denial
2. a copy of the student's transcripts
3. a copy of the page(s) from the counseling manual or catalog outlining the program requirements
4. a signed statement requesting a review of the denial.

Students should keep a copy of all correspondence and a log of all telephone contacts. A copy of all of the above information should be forwarded to the university admissions office and the university articulation officer.

Articulation Officers

The university articulation officer is responsible for assisting the state college student seeking admission to a university. If assistance is needed with an appeal request or if it appears that a department is not complying with the statewide articulation agreement, the university articulation officer should be contacted. Articulation officers at the state colleges are also responsible for assisting in the transfer of students to universities and can advise students in the interpretation of the articulation agreement and appealing an admissions decision.

Appealing to the Articulation Coordinating Committee

If the denial is upheld at the university level and there is still a question of potential violation of the articulation agreement, the student may request a hearing before the Articulation Coordinating Committee (Florida Education Center, Tallahassee, Florida, 32399-0400). All of the avenues available to the student at the institutional level should be pursued prior to appealing to the Articulation Coordinating Committee. The student should keep a copy of all correspondence and a log of all telephone contacts. The procedures for filing such an appeal with the Articulation Coordinating Committee are as follows:

1. The student submits a statement of the problem, a copy of the letter of denial from the college/university, a copy of the transcript in question, a copy of the page(s) from the catalog or counseling manual, and a request to have a hearing before the Articulation Coordinating Committee for purposes of adjudication.
2. All student appeals and policy concerns are reviewed by the Articulation Appeals Subcommittee, which then forwards its recommendation(s) to the Articulation Coordinating Committee. Issues not resolved by the subcommittee are sent to the full committee for resolution.
3. The Articulation Coordinating Committee and Articulation Appeals Subcommittee may request the appearance of representatives or statements from the receiving or sending institution to provide additional information or clarification on the issue.
4. A decision letter on the disposition of an appeal is written by the chair of the Articulation Coordinating Committee to the division deans, and copies are simultaneously sent to all persons involved, including the student. The decision of the Articulation Coordinating Committee shall be final.

Associate in Science Degree Requirements

In addition to common core requirements noted under General Education Core, Associate in Science degree students must:

1. Complete the specified number of hours of credit in an approved course of study as outlined for the program.
2. Achieve a cumulative grade point average of at least 2.0 (C).
3. Complete at least 25% of semester hours in residence at CF.
4. Effective Fall 2022, to satisfy F.A.C. 6A-10.02413, competency in civic literacy is a requirement for all students receiving an associate degree. Competency in civic literacy must be demonstrated in the following ways:
    - Successful completion of either POS2041 American National Government, AMH2010 United States History to 1877 or AMH2020 United States History Since 1877, and
    - Achieving a standard score on an approved assessment. Current approved assessment options include the following:

Assessment	Standard Score
AP Government and Politics: United States	3
AP United States History	4
CLEP: American Government	50
CLEP: History of the United States I	50
Florida Civic Literacy Examination	60%

    - Students who previously completed the civic literacy competency requirement at a Florida College System or State University System institution are considered to have met the requirement. They are not required to repeat it.
    - Students who earn credit by AP or CLEP exams will receive credit for both the course and the exam.
5. Effective Fall 2005, competency in the use of computers is a requirement for all degree-seeking students. This requirement may be satisfied through one of the following options:
    1. satisfactory completion of a proficiency examination
    2. satisfactory completion of one of the following industry certifications, **within the past five years:** Microsoft Word, IC3, Microsoft Excel, Microsoft Access, Microsoft PowerPoint, A+, Network+, Security+ or Server+
    3. satisfactory completion of an approved college computer course **within the past five years** (See below for applicable courses)

Students are strongly recommended to meet the computer competency requirement through one of the options listed above prior to the completion of 24 college level credit hours.

Computer Competency Course Options

Students wishing to take the computer competency proficiency exam may contact the Assessment and Testing Center, Bryant Student Union, Room 205.

Credit courses that meet the computer competency requirement are:

- CET1171 - Introduction to Computer Technology *Credits: 3 (Occupational Course)*
- CGS1100 - Microcomputer Applications *Credits: 3*
- CGS1100H - Microcomputer Applications Honors *Credits: 3*
- CGS2930 - Special Topics in Computers *Credits: 1 (Introduction to Computer Skills sections only)*
- EME2040 - Introduction to Technology for Educators *Credits: 3*
- IDS1107 - First Year Experience *Credits: 3*
- OST1100 - Introduction to Word *Credits: 3*
- SLS1122 - First Year Seminar *Credits: 3*
- SLS1501 - College and Career Success *Credits: 3*

Computer Competency for Health Sciences Programs

The following courses have been approved to satisfy the computer competency requirement for students in Health Sciences programs:

- CVT2920 - Cardiovascular Technologist as a Professional *Credits: 2*
- DEA1856 - Clinic III Seminar *Credits: 2*
- DES1502 - Dental Office Management *Credits: 2*
- EMS2658 - Paramedic Clinical Experience III *Credits: 5*
- NUR2244C - Clinical Concepts IV *Credits: 7*
- PHT2931 - Trends in Physical Therapy *Credits: 1*
- RET1291 - Clinical Respiratory Care I *Credits: 4*
- RTE1418C - Radiographic Imaging I *Credits: 4*
- SON1113 - Sonographic Cross-Sectional Anatomy *Credits: 3*
- STS2329 - Advanced Surgical Techniques, Procedures and Professional Skills *Credits: 4*

Baccalaureate Degree Requirements

Bachelor of Applied Science, B.A.S., and Bachelor of Science, B.S., Program Requirements

It is the student's responsibility to determine, with the assistance of the program advisor, the courses necessary for completion of the B.A.S. and B.S. degrees. Students must complete the required curriculum, including any work required in special programs, and satisfy all obligations, financial and other, to the college prior to graduation. The following applies to all specializations within the B.A.S. and B.S. degrees:

1. Complete an application for graduation by logging into MyCF portal on or before the published deadline in their final semester. Previous CF graduates must still apply to graduate.
2. Fulfill all obligations, financial and other, to the college.
3. Students must have earned a 2.0 GPA in all baccalaureate coursework and earned a minimum of 120 credit hours to be eligible to graduate.
4. Complete at least 30 semester hours in residence at CF (minimum 25 percent of semester hours) and attend during the semester that the degree is earned.
5. Students must complete the foreign language requirement by taking two years of the same language while in high school or successfully completed two semesters of the same language at the college level.
6. Effective Fall 2021, to satisfy F.A.C. 6A-10.02413, competency in civic literacy is a requirement for all students receiving an associate degree. Competency in civic literacy must be demonstrated in the following ways:
    - Successful completion of either POS2041 American National Government, AMH2010 United States History to 1877 or AMH2020 United States History Since 1877, and
    - Achieving a standard score on an approved assessment. Current approved assessment options include the following:

Assessment	Standard Score
AP Government and Politics: United States	3
AP United States History	4
CLEP: American Government	50
CLEP: History of the United States I	50
Florida Civic Literacy Examination	60%

    - Students who previously completed the civic literacy competency requirement at a Florida College System or State University System institution are considered to have met the requirement. They are not required to repeat it.
    - Students who earn credit by AP or CLEP exams will receive credit for both the course and the exam.

Academic Progress

College Credit Division

A student's standing at the College of Central Florida will be determined by the relationship of hours attempted to grade points earned. To be considered in good standing and continue successfully toward a degree, a student must earn the grade points necessary to maintain a 2.0 (C) cumulative grade point average while at CF.

CF Unit of Credit

The College of Central Florida awards semester credits. Credit for standard lecture in-class and online instruction is granted at a ratio of one semester credit per each 50-minute class session per week for a 17-week semester. For example, a typical three-credit course requires three 50-minute classes per week for a 17-week semester. Semester credits are also given during the two six-week summer terms, as well as during special nonstandard terms, with the same total number of hours required per credit as during a regular term.

Credit for laboratory and clinical experiences is granted at ratios that range from one credit to one hour of lab/clinical, to one credit to three hours of lab/clinical per week for a 17-week semester. Courses offered in nonstandard terms will have laboratory and clinical credits adjusted accordingly.

Vocational credit hours are calculated by dividing the number of vocational clock hours by 30 to determine the number of credits for a given course during a 17-week semester. Courses offered in nonstandard terms will have vocational credit hours adjusted accordingly.

Certain programs, such as Nursing and Physical Therapist Assistant, may consider a student to be full-time with less than 12 credits in a semester because of the one-to-three credit hour ratio of clinical or laboratory experiences required in that specific program. See specific programs for details.

Fall (17 weeks)	last week in August-mid December
Spring (17 weeks)	first week in January-last week in April
Summer A (6 weeks)	first week in May-mid-June
Summer B (6 weeks)	mid-June-first week in August
Summer C (12 weeks)	first week in May-first week in August

Academic Warning, Probation and Suspension

Academic Warning

A student is placed on academic warning at the end of any semester that his/her cumulative or semester GPA is less than a 2.0. Students who are in jeopardy of academic warning or probation may lose eligibility for financial aid (see Satisfactory Academic Progress for Financial Aid Purposes). While these are two different processes, poor academic performance may affect both academic standing and financial aid standing.

Academic Probation

A student is placed on academic probation if his/her cumulative GPA or CF GPA falls below a 2.0 for two successive semesters, or has two successive semesters with a semester GPA below 2.0.

Probation will continue if the student's cumulative or CF GPA remains below a 2.0 GPA, but the semester GPA is above a 2.0 or improved from the previous semester. The student is returned to good standing when the semester GPA, cumulative GPA and CF GPA are all 2.0 or higher.

A student placed on academic probation is restricted to enrolling in no more than 13 semester hours as outlined below:

Fall (A/B/C combined)	13
Spring (A/B/C combined)	13
Summer A	6
Summer B	6
Summer C	13

It is recommended that the student meet with an academic advisor to develop success strategies.

Academic Suspension

A student on academic probation is placed on academic suspension when the semester grade point average and the cumulative GPA **or** CF GPA fall below 2.0. A student placed on academic suspension is suspended for a minimum of one full semester and then must petition the college for readmission. Please contact Enrollment Services for assistance.

A student returning from suspension who earns a semester GPA of 2.0 or above will not be suspended for that particular semester, even though they may not have a cumulative GPA of 2.0. This performance shows promise and, if continued, will result in good academic standing. Under these circumstances, such a student will continue on academic probation.

Academic Dismissal

Any student who is suspended a subsequent time will be dismissed from the college. Such a student is not eligible to be readmitted to the college for a minimum of one full calendar year. After the year, the student may petition the college for possible readmission.

Students returning from dismissal who earn a semester GPA of 2.0 or above will not be suspended for that particular semester, even though they may not have a cumulative GPA of 2.0. This performance shows promise and, if continued, will result in good academic standing. Under these circumstances, such a student will continue on academic probation.

Transferring to CF

All transfer students will be evaluated by the standards of progress, using the same criteria used for nontransfer students. Transfer students entering without good standing will be assigned to the appropriate category, e.g., academic warning or probation. They will return to good standing when sufficient standards of progress have been earned to achieve a C average.

Earning Credit While Suspended

A student under suspension from another institution may not enroll at CF, and a student under suspension from CF may not apply credits taken at another institution while suspended toward a degree at CF.

Standards of Progress Summary

Academic Warning	less than a 2.0 cumulative GPA
Academic Probation	two successive terms with less than a 2.0 cumulative GPA
Academic Suspension	when the term and cumulative GPA fall below a 2.0

Provisions for Appeal

Any student who feels there were extenuating circumstances that led to a suspended academic standards of progress may appeal his or her suspension status to the Academic Exceptions and Petitions Review Committee.

A student (credit, occupational or audit) who withdraws from all classes must begin official withdrawal procedures by contacting a counselor or advisor. The college calendar gives specific deadlines for withdrawing from college without penalty.

Workforce Certificate Students

A workforce certificate student's academic standing is determined by the same method as outlined in the section under College Credit Division. Program instructors may authorize a student to reenroll for one additional semester if the student is suspended after only one semester. Failure to achieve satisfactory progress during the semester of re-enrollment will result in permanent suspension.

Veterans

See section on Veterans Information, for specific information.

Academic Integrity and Honor Code

This policy creates an honor code for students in their academic work.

Academic integrity is founded upon the values of honesty, trust, fairness, respect and responsibility. Exhibiting these values is essential to promoting and maintaining a high level of academic integrity at the college. Each member of the college community stands accountable for his or her actions. The first responsibility for academic integrity lies with individual students and faculty members. A violation of academic integrity is an act harmful to the entire college community and may result in disciplinary action.

Violations of the code shall include, but are not limited to:

Cheating. The improper taking or tendering of any information or material used or intended to use for academic credit. Taking of information includes, but is not limited to, copying homework assignments from another student; working with others on a take home test or homework when not specifically permitted by the teacher; looking or attempting to look at another student's paper during an examination; looking or attempting to look at text or notes during an examination when not permitted. The tendering of information includes, but is not limited to, giving work to another student to be used or copied; giving answers to exam questions as the exam is being given; giving answers or other such information after taking an exam to another student who has not yet taken the exam; giving or selling a term paper or other written materials to another student. (Adapted from the policy of the University of Florida.)

Plagiarism. From the Latin for "kidnapper," taking ideas from another and passing them off as one's own, whether the ideas are published, unpublished, or the work of another student. Plagiarism includes, but is not limited to, submitting papers, examinations or assignments written by others; word-for-word copying of portions of another's writing without indicating that the copied passage is a quotation (by the use of quotation marks or some other indicating device) and acknowledging the source in the appropriate format; the use of a particularly unique term or concept that one has come across in reading without acknowledging the author or source; the paraphrasing or abbreviated restatement of someone else's idea(s) without acknowledging the author or source; the use of false citations or citing a source from which an idea has not been obtained; or submitting false or altered data in a laboratory. Plagiarism also occurs in a group project if a member of the group does not do his or her fair share of the group's work but attempts to take credit for the work of the group. Because electronic information is so easily reproduced, respect for the work and personal expression of others is critical in computer environments. Violations, including plagiarism, invasion of privacy, unauthorized access, and copyright violations are grounds for disciplinary proceedings. Students should consult the section on plagiarism in the writing handbook used in ENC 1101. (Adapted from the policies of Wheaton College, Old Dominion University, the University of Florida and the University of North Carolina - Greensboro.)

Bribery. Offering, giving, receiving or soliciting any materials, items or services of value to gain academic advantage for oneself or another.

Misrepresentation. Any act or omission with intent to deceive an instructor or other college official for academic advantage, including using a computer program generated by another and handing it in as one's own work unless expressly allowed by the instructor; lying to an instructor to increase one's grade; lying or misrepresenting facts when confronted with an allegation of academic dishonesty; providing false statements upon financial aid forms or other college documents.

The proliferation of Artificial Intelligence (A.I.) tools, such as Chat CPT and Dall-E, have created myriad new opportunities for workflow automation, learning assistance and, unfortunately, academic dishonesty. We leave it up to the individual faculty member to set their own parameters around the appropriate use of A.I. in their particular course. What may be appropriate for one course may not be for another. Deviation from the policy in each course syllabi will be addressed under CF Administrative Procedure 4.14 (See below) If you have questions about the parameters set forth in a course, please contact your faculty member for clarification.

Conspiracy. Planning or acting with one or more persons to commit any form of academic dishonesty to gain academic advantage for oneself or another.

Fabrication. Use of invented or fictitious information or the falsification of research or other findings with the intent to deceive for academic advantage. (Adapted from the policy of the University of Florida.)

A component vital to the Academic Integrity and Honor Code is a pledge that applies to all assignments, examinations or other course work undertaken by students of the College of Central Florida. On all work submitted by students of the College of Central Florida, the following pledge is either required or implied:

"On my honor I have neither given nor received unauthorized aid on this academic work, nor am I aware of others doing so."

The president or the president's designee shall establish the procedure for implementation of the Academic Integrity policy, including the establishment of an Honor Court.

Policy Manual, Rule 4.14

CF Administrative Procedure 4.14

The purpose of this procedure is to define violation(s) of the honor code and outline the process for resolving violation(s) of the Academic Integrity Policy. Violations of the Academic Integrity Policy include, but are not limited to, cheating, plagiarism, bribery, misrepresentation, conspiracy and fabrication as related to the academic process. For purposes of this procedure, cheating, plagiarism, bribery, misrepresentation, conspiracy and fabrication are defined in the Academic Integrity Policy.

Step One - Determination

When an instructor believes or receives information that a student has violated the Academic Integrity Policy, the instructor should contact the chief student affairs officer to determine if this is the student's first violation and whether the student has attended the Academic Integrity Seminar. If the student is a repeat violator, the student may be charged with a violation of the Code of Student Conduct.

Step Two - First-time Violator

If the student is a first-time violator, the instructor should first discuss the matter with the student. The instructor may consult with or invite the participation of the instructor's department chair, program facilitator or dean in the effort to reach resolution with the student. The instructor and student may resolve the problem in a manner acceptable to both. Resolution may include:

- a lower or failing grade in the course
- a lower or failing grade on the assignment or examination
- assignment of additional work to provide evidence of the student's academic performance or understanding of the course material
- referral to the Academic Integrity Seminar.

If the instructor refers the student to the Academic Integrity Seminar, the instructor shall inform the student that his/her failure to attend the Academic Seminar may result in the assignment of a final course grade of FF, denoting course failure due to a violation of the college's Academic Integrity Policy.

Any agreement involving an academic penalty shall be put in writing signed by both parties and reported by the instructor to the department chair, program facilitator or dean, chief student affairs officer, chief academic officer, vice president of Regional Campuses, and the dean at the Jack Wilkinson Levy Campus if students at either location are involved. A copy of the agreement will be given to the student. The chief student affairs officer shall maintain a record of the agreement between the instructor and student.

Step Three - Repeat Violator

If a student is a repeat violator, fails to attend the Academic Integrity Seminar, or fails to resolve his/her violation with the instructor as outlined in step two, the instructor shall refer the student to the chief student affairs officer for a violation of the college's Code of Student Conduct.

Procedure for Policy No. 4.14

Attendance Policy

Regular and punctual class attendance, as demonstrated through academic engagement, is the responsibility of every student who enrolls at the College of Central Florida. Therefore, in alignment with federal regulations under 34 CFR 668.12-668.29, the institution is committed to enforcing this attendance policy to assist students in achieving their educational objectives and compliance with Title IV financial aid requirements.

1. **Attendance Documentation and Verification**

   Attendance is recorded beginning on the first scheduled day of class, regardless of a student's registration date. Federal financial aid eligibility requires that students begin attendance by actively participating in an academically related activity as defined by federal guidelines.

   Each semester, attendance verification is submitted after the add/drop period and must be based on documented academic engagement, which includes-but is not limited to- attending a synchronous class, lecture, recitation, or field or laboratory activity, physically or online, where there is an opportunity for interaction between the instructor and students, submitting an academic assignment, or participating in an interactive tutorial, webinar, or other interactive computer-assisted instruction.

   The course syllabus will specify the assignment or activity designated for attendance verification, along with the corresponding deadline.

2. **Non-Participation and Administrative Drop**

   Students who fail to complete the required academic engagement for attendance verification by the specified deadline may be administratively dropped from the course. In such cases, students may receive a refund of tuition and fees

for the dropped course; however, ancillary expenses, such as bookstore purchases, are governed by the CF Financial Responsibility Agreement. If a student is receiving financial aid, their financial aid eligibility may be adjusted accordingly.

3. **Excused Absences and Make-Up Work**

   When a student is absent for a legitimate reason, the instructor may permit make-up work at their discretion and may require documentation of the reason for the absence. The college reserves the right to evaluate individual cases of absenteeism, particularly where Title IV implications are involved.

In general, students are graded on the basis of intellectual effort and performance. Class participation is a significant measure of performance, therefore nonattendance can adversely affect a student's grade.

Participation in college-sponsored, off-campus student activities (such as student organization meetings or athletic events) is permitted to count toward class attendance or approved absence on the instructor's class records. Students must give advance notice of the intended absence, within guidelines set by the individual instructor, in order to have the opportunity to prepare assignments and make up or avoid missing tests. Faculty members are expected to establish nonpunitive grading practices toward attendance at these college-sponsored, off-campus student activities such as student organization meetings or athletic events.

If conflicts exist between a student's regularly scheduled class(es) and another activity (including the requirements of other classes), the student's regularly scheduled class should receive priority. If adequate notification is given to the instructor, the student will not be penalized for nonattendance.

If a student accumulates so many absences that further enrollment in a course appears to be of little academic value, the instructor has the right to withdraw the student from the course. CF instructors may or may not initiate a request to withdraw a student from their classes (please check with individual instructors regarding their process); however, all withdrawals must be done on or before the withdrawal deadline that is published by the college.

A withdrawal may not be processed if the request is for the student's third attempt at a course; the removal of a sole preparatory course if the student has earned 12 college credits; or if the student is a high school dual enrollment student and the permission of the high school counselor, home school parent and CF dual enrollment coordinator has not been granted. Withdrawal(s) may be reversed and a grade issued for a course as a disciplinary action resulting from breaching the college's Academic Integrity and Honor Code.

Students enrolled in occupational certificate programs have required participation for skill development, therefore they are permitted limited unexcused absences (check with instructor). Students who exceed the number of unexcused absences may be placed on probation and, if additional unexcused absences occur, dropped from the program. The instructor determines whether or not an absence is excused, considering such factors as sickness, accidents and other circumstances beyond the student's control.

Students enrolling in certain limited-access programs are expected to meet specific guidelines presented in program handbooks. Check the website at CF.edu/LimitedAccess for more information regarding limited-access programs.

Grading System

Grade Point Average

Students are responsible for computing their own GPA. The transcript and degree audit should be carefully checked, and, if discrepancies exist, the Office of Enrollment Services should be notified immediately.

Grade point average is calculated based on the number of hours attempted per course and the grade point value associated with the letter grade.

Example:

Course	Credit	Grade	Grade Points
English	3	A	4.00 (x 3) = 12.0
Math	3	B+	3.75 (x 3) = 11.3
Speech	3	F	0.00 (x 3) = 0.0
Psychology	3	C	2.00 (x 3) = 6.0

Total Credits: 12 **Total Grade Points**: 29.30

Divide 29.3 (grade points) by 12 (credits) = **2.40 GPA**

Grading Scale

Instructors must announce, in writing, at the beginning of each semester, specific grading policies for each class. At the end of each semester final grades are assigned and recorded on the student's permanent record card. Grades assigned at CF are:

Grade	Interpretation	Grade Point Value
A	Excellent (90-100)	4 grade points per semester hour
B+	Very Good (87-89)	3.75 grade points per semester hour
B	Good (80-86)	3 grade points per semester hour
C+	High Average (77-79)	2.75 grade points per semester hour
C	Average (70-76)	2 grade points per semester hour
D	Poor (60-69)	1 grade point per semester hour
F	Failure (Below 60)	No grade points
FF	Violation Academic Integrity	No grade points
I	Incomplete	No grade points
IP	In Progress	No grade points
S	Satisfactory	No grade points
SP	Satisfactory Progress (College Prep Only)	No grade points

U	Unsatisfactory	No grade points
W	Withdrew from Course	No grade points
X	Audit	No grade points
N	No Grade (College Prep Only)	No grade points
NG	No Grade (Labs)	No grade points

The grading policy for all divisions, with the exception of certain Health Sciences programs and programs in the Criminal Justice Institute, will adhere to the following scale:

A	90-100%
B+	87-89%
B	80-86%
C+	77-79%
C	70-76%
D	60-69%
F	Below 60%

The Criminal Justice Institute will use the following grading scale:

A	93-100%
B	86-92%
C	80-85%
F	Below 80%

The Physical Therapist Assistant, Radiography and Surgical Services programs will use the following scale:

A	92-100%
B	84-91%
C	75-83%
D	68-74%
F	Below 67%

The Emergency Medical Services program will use the following grading scale:

A	94-100%
B	87-93%
C	80-86%
D	70-79%
F	Below 70%

The Associate Degree Nursing, RN to BSN, Dental Assisting and Dental Hygiene programs will use the following grading scale:

A	90-100%
B	80-89%
C	75-79%
D	65-74%
F	Below 65%

The Cardiovascular Technology program will use the following scale:

A	92-100%
B	84-91%
C	75-83.99%
D	68-74.99%
F	Below 68%

The Diagnostic Medical Sonography Technology program will use the following scale:

A	92-100%
B	84-91.99%
C	75-83.99%
D	68-74.99%
F	Below 68%

Students registered in college prep courses who receive N grades must repeat the same course and complete it with a grade of C or better, or achieve a passing score on the PERT before they can register for other courses.

I Grades

When the grade of I is issued it is the student's responsibility to meet with the instructor and make the necessary arrangements for completing the course work. An Incomplete I Grade Course Completion Arrangement form must be submitted at the time of grading for each course in which the grade of I is issued. A final date for the completion of all work must be agreed upon and cannot be more than six months past the date of the form. If the course work is completed by the student by the deadline, the instructor will forward a new grade to the Office of Enrollment Services within one week after receiving the completed work from the student. If the course work is not completed by the agreed upon date, the registrar will post the grade listed on the form as the final grade on the student's permanent record.

Final Grades

Final grade reports are available on the student portal at the end of each semester. Only grades issued at the end of a semester are placed on a student's permanent record. Final grade reports include a cumulative grade point average.

Grade Appeal Process Guidelines

Any student wishing to appeal a final course grade must follow, in consecutive order, the steps (levels) shown below:

Level I	A student who believes a course grade has been awarded unfairly or in error must discuss the concern with the instructor within 30 calendar days from the time the grade is awarded. (Note: In the event the instructor is not available within 30 days after the

grade is awarded, the student may notify the instructor's supervisor within the 30-day period.)

Level II

If the matter cannot be resolved between the instructor and the student, the student may request a meeting with the instructor's supervisor to initiate a written appeal (i.e., submit a Grade Appeal Form).

In the event the student is not satisfied at the Level II decision, the student has the right to present the concern to the chief academic officer. If the student wishes to exercise this right, then within five working days after receipt of the written Level II decision, the student must deliver a copy of the Grade Appeal Form with the appropriate documentation and a copy of the written Level II decision to the vice president for Academic Affairs.

Level III

Within 10 working days from receipt of the Grade Appeal, the VPAA will determine if further review is warranted. If the VPAA determines that it is not, he/she will render a final written decision to the student. If the VPAA determines that further review is warranted, he/she will ask the college president to convene a Grade Appeals Committee.

The committee will make its decision based on the Grade Appeals Form and the attached documentation, the written decision of the instructor's supervisor, and the information presented by the student, the instructor and their witnesses. The Grade Appeals Committee will deliver a recommendation to the VPAA, who then has the right to reject or accept the recommendation. The decision of the VPAA will be final and binding on all parties.

Course Repeat Policy

The student will be limited to three attempts (two repeats) per course with a grade being issued for the third attempt [F.A.C. 6A- 14.0301 1(b)]. Withdrawals and audits count as attempts after add/drop period. Withdrawals will not be used to increase a GPA.

1. A student will be permitted a maximum of two withdrawals per course. Upon the third attempt, the student will not be permitted to withdraw and will receive a grade for that course. [F.A.C. 6A-14.0301 1(b).]
2. A student enrolled in the same undergraduate college credit course for the third attempt shall pay tuition at 100 percent of the full cost of instruction (out of state fee rate), and shall not be included in calculations of full-time equivalent enrollments for state funding purposes. Students may petition to waive the additional fees due to financial hardship. [F.S. 1009.285.] Petitions must be submitted to the Enrollment Services Center prior to the end of add/drop period for the semester in which the student is enrolled in the third attempt.
3. A student may have only three attempts per course including the original grade, repeat grades and withdrawals at any point in the semester. A fourth attempt may be allowed only through an academic appeals process based on major extenuating circumstances. [F.A.C. 6A-14.0301 3.]
4. The student should check with the Office of Financial Aid about the possible financial consequences of repeating a course prior to withdrawing from the course.
5. Courses that are designated as repeatable, such as choir, music or journalism, or are individualized courses of study, may not be eligible for grade forgiveness. [F.A.C. 6A-14.03012(d).]

Grade Forgiveness Policy

The grade forgiveness policy permits a student to repeat a course in an attempt to improve a grade of D or F earned in the course. On the transcript, "repeated" shows the initial attempts and "replaces prior course" indicates the last attempt.

1. Grade forgiveness is limited to courses where a grade of D or F was earned. [F.A.C. 6A-14.0301 2(a).] Courses with a grade of C or better will not be granted grade forgiveness.
2. Grade forgiveness is limited to two repeat attempts per course. [F.A.C. 6A-14.0301 2(b).] A fourth attempt will be an additional grade calculated in the GPA.
3. If the student plans to transfer to another institution, he or she must check with that institution regarding acceptance of "forgiveness" courses in the computation of the student's GPA.
4. Courses that are designated as repeatable, such as choir, music or journalism, or are individualized courses of study, may not be eligible for grade forgiveness. [F.A.C. 6A-14.03012(d).]

Withdrawal

1. The student may withdraw without academic penalty from any course by the midpoint in the semester. [F.A.C. 6A-14.0301 1(a).] Check the college calendar for withdrawal deadlines.
2. The student will be permitted a maximum of two withdrawals per course. Upon the third attempt, the student will not be permitted to withdraw and will receive a grade for that course. [F.S. 1009.28 and F.A.C. 6A-14.0301 1(b).]
3. Preparatory students who have completed 12 hours of college credit coursework before completing all college preparatory courses must maintain continuous enrollment in college preparatory coursework each semester and may not withdraw from their sole preparatory course while remaining in other college credit coursework. [F.S. 1008.30 4(a) and F.A.C. 6A- 10.0315(20).]
4. Audit students can withdraw at any time.
5. A student (credit, college credit certificate or audit) who withdraws from all classes must begin official withdrawal procedures by seeing an advisor, department chair or program manager. The college calendar gives specific deadlines for withdrawing from the college.

6. It is the student's responsibility to withdraw from a course by the withdrawal deadline date for the current semester if he/she can no longer continue to attend class and/or feels he/she cannot pass the course. Instructors may not initiate a withdrawal on the behalf of the student. If the student stops attending a class and does not withdraw properly, the student will earn an F grade for that class.

NOTE: A withdrawal may not be processed if the request is for the student's third attempt at a course; the removal of a sole preparatory course if the student has earned 12 college credits; or if the student is a high school dual enrollment student and the permission of the high school counselor, home school parent and CF dual enrollment advisor has not been granted. Withdrawal(s) may be reversed and a grade issued for a course as a disciplinary action resulting from breeching the college's Academic Integrity and Honor Code.

Petition to Withdraw with a Refund

In keeping with Florida Administrative Rule 6A-14.0541, the College of Central Florida will consider a petition for retroactive withdrawal and/or refund of fees for a course after the official drop period when the student withdraws due to circumstances determined by the college to be exceptional and beyond the control of the student. There are three semesters in the academic year: fall, spring and summer. The college will consider a student's petition through the end of the semester following the semester in which the student withdrew because of extraordinary circumstances. After the end of the semester following withdrawal, no petition will be accepted without the approval of the vice president for Enrollment Management and Student Affairs.

Any student wishing to petition for a refund of fees due to exceptional circumstances must complete a Student Petition Form in the Office of Enrollment Services at the appropriate campus.

Petitions and Academic Review

In cases of unusual circumstances where specific regulations do not seem to be in the best interest of a student's academic program, provision for review has been established through a faculty committee on student petitions. This committee has the authority to review matters pertaining to academic progress and to recommend exceptions concerning any academic regulation if such seems to be in the best interest of the student and of the college.

Petition forms pertinent to academic progress and/or academic regulations are available in the Enrollment Services Center at the Ocala and Citrus campuses and the Administrative Office at the Levy Campus. These forms are to be used by any student who, after discussion with the assigned advisor or counselor, believes that special circumstances govern the situation.

The college has established and published, in the Student Handbook, a policy for hearing and settling of student grievances. Any student who feels he or she has been discriminated against on the basis of race, color, ethnicity, religion, sex, age, marital status, national origin, genetic information, veteran status or disability status in the application of any policy or procedure of College of Central Florida should contact the office of the vice president for Enrollment Management and Student Affairs to file a letter of grievance.

Student Complaints

A student complaint may be any concern a student has about the college or its operations.

Students will be given adequate opportunity to bring complaints to the attention of the college with the assurance that the proper officials will promptly investigate the facts of the case and evaluate these facts in an objective manner.

Student problems should be resolved, whenever possible, before the filing of a formal, written complaint, and open communication is encouraged so that formal complaint procedures will not be necessary. Informal resolution of complaints may be pursued throughout the process. Confidentiality in the investigation and resolution of complaints is protected to the extent possible under state and federal laws.

The procedure for reporting, investigating, and resolving violations of this rule can be found in the Administrative Procedures Manual.

(Florida Statutes 794.011, 1000.05, 1001.02, 1001.64, 1004.65, 1012.855, CF Board Policy 7.10)

CF Administrative Procedure 7.10

The College of Central Florida is committed to the fair resolution of student concerns. The purpose of this procedure is to outline the process for resolving issues of a general nature where a student has a concern about the college and its operations.

This procedure does not apply to complaints related to grades, complaints related to student conduct or complaints related to discrimination, harassment and/or sexual harassment based on race, color, ethnicity, religion, sex, age, marital status, national origin, genetic information, veteran status or disability status.

Procedures for complaints related to discrimination, harassment and/or sexual harassment based on race, color, ethnicity, religion, sex, age, marital status, national origin, genetic information, sexual orientation, gender identity, veteran status or disability status are addressed under the administrative procedure "Discrimination, Harassment and Related Misconduct Grievance Process for Employees and Students."

Procedures for complaints related to grades are addressed under the administrative procedure for "Grade Appeals."

Procedures for complaints related to student conduct are addressed under the administrative procedure "Disciplinary Action and Rights of Appeal - Code of Student Conduct."

Definitions:

Complaint: A student complaint may be any concern a student has about the college and its operations. A complaint is defined as dissatisfaction that occurs when a student believes that any decision, act or condition affecting the student is illegal, unjust or creates unnecessary hardship. Complaints may include, but

are not limited to, academic problems, mistreatment by a college employee, wrongful assessment of fees, records and registration errors, student employment, any actual or perceived physical or verbal abuse or coercion.

Complainant: Any student or applicant for admission who presents a complaint under this procedure.

Respondent: The person who is alleged to have caused the complaint by identifiable acts of omission or commission.

Procedure: A student having a complaint shall follow the steps set forth below.

Lead Administrators:
Marion County: dean of Student Services, or designee.
Citrus County: vice president for Regional Campuses, or designee.
Levy County: provost, Levy Campus, or designee.

Informal: A student who has a complaint should report, verbally or in writing, his or her concerns to the lead administrator at the campus or site where the complaint occurred within 30 working days from the date the student becomes aware of the act or omission giving rise to the complaint. If the nature of the complaint involves the lead administrator, the student should report his or her complaint to the vice president for Enrollment Management and Student Affairs at the Ocala Campus. If the complaint involves the vice president for Enrollment Management and Student Affairs, then the student should meet with the equity officer. The lead administrator will attempt to resolve the complaint informally and may request the participation of other college personnel as appropriate in that informal resolution. If the complaint is resolved to mutual agreement of the lead administrator, the student, and any other parties concerned, the matter will be considered settled. The informal process should be concluded within 40 working days or less of receipt of the complaint, whenever possible. The investigating lead administrator will file a written report outlining the result of the informal complaint to all parties, the equity officer, and the president within 10 working days of the resolution of the complaint.

Formal Appeal: If the complaint cannot be resolved informally, the student may petition an appeal of the decision by submitting a formal written complaint with the vice president for Enrollment Management and Student Affairs at the Ocala Campus. The vice president for Enrollment Management and Student Affairs will serve as the lead administrator to investigate the petition. In the event that the complaint is against the vice president for Enrollment Management and Student Affairs, the student shall petition an appeal to the Title IX Coordinator who will serve as the lead administrator to investigate the complaint. Written complaints must be filed within 10 working days after receipt of the informal report. The vice president for Enrollment Management and Student Affairs has 60 working days to complete the investigation of the complaint.

Upon receipt of the formal petition, the lead administrator shall:

1. Notify the president and the appropriate department administrator, and the respondent (if the complaint is about an individual) of the formal complaint.
2. Conduct a prompt and thorough investigation to determine the facts of the complaint. The lead administrator may request the participation of any College personnel determined to be necessary to resolve the complaint.
3. Maintain a record of the investigation and store in a secure area apart from student conduct files.
4. Meet individually with the parties involved to discuss the findings and provide a written summary of the overall findings.
5. File a written report with the president within 10 working days after the formal investigation is completed. The report shall (1) outline the investigative findings, and (2) indicate recommended resolution for the complaint.

The decision of the lead administrator shall be final.

Students are encouraged to resolve grievances locally with the College of Central Florida. However, students also have the option to contact the Florida Colleges System at http://www.fldoe.org/schools/higher-ed/fl-college-system/about-us/complaints.stml regarding any grievances.

Out of State Distance Education Students

Out of state distance education students, who have completed both the College of Central Florida's grievance process and the Florida College System's grievance process, may appeal non-instructional complaints to the Florida State Authorization Reciprocity Agreement (FLSARA) Postsecondary Reciprocal Distance Education Coordinating (PRDEC) Council. For additional information on the complaint process, please visit the FL-SARA Complaint Process page at http://www.fldoe.org/sara/complaint-process.stml.

Retaliation

It is a violation of college policy to retaliate or take reprisal against any person who has filed a complaint based on the fact that the person raised a complaint to any faculty, supervisor or manager of the college, to any dean, vice president, or administrator, to any other person, entity, or human rights agency.

A staff member who speaks Spanish is available to provide information and answer questions about grievance procedures at the College of Central Florida. Please call 352-873-5800 or email espanol@cf.edu.

Un miembro del equipo de trabajo que habla español está disponible para brindar información y respuestas a las preguntas sobre procedimientos de quejas en el College of Central Florida. Por favor llame al 352-873-5800 o envíe un email a espanol@cf.edu.

Graduation

Graduation Requirements

Students should be aware of the graduation requirements. These include the core curriculum, payment of all fees, and any work required in special programs. It is the student's responsibility to determine the courses necessary for transfer to any upper division college or university and to meet any prerequisite courses required by those upper division programs. Students should see an advisor/counselor prior to submitting a graduation application. For

more information, visit the graduation website at CF.edu/graduation.

To begin the application process students should take the following steps:

1. Complete an online graduation application by logging into the student portal and clicking on the tab graduation. There is no fee to submit a graduation application.
2. Fulfill all obligations, financial and other, to the college.
3. All graduates are encouraged to attend the graduation ceremony. Caps and gowns must be purchased through the bookstore.
4. Students must submit a graduation application for each degree or certificate. For subsequent graduations, prospective graduates must also submit a graduation application for each degree or certificate.

When processing your application for graduation, the following graduation requirements will be reviewed:

1. Completion of the required courses and number of credits.
2. Graduation catalog- Any full- or part-time student has five calendar years of continuous enrollment of complete degree requirements under the catalog in effect upon application and/or degree/certificate declaration.
3. Minimum of a 2.0 cumulative GPA and CF GPA.
4. 25 percent residency requirement mandated by the Southern Association of Colleges and Schools (Students must have earned a minimum of 25 percent of the credits toward their degree or certificate at CF.)
5. Passing test scores (if applicable for certificate programs).
6. Honors designation.

PLEASE NOTE: For the purpose of recognition at the graduation ceremony, an honors designation is based on all grades from all previous semesters. Grades from the current semester are not computed at this time, but will be included on your final transcripts.

Cum Laude graduates must have a cumulative GPA between 3.2 and 3.49. **Magna Cum Laude** graduates must have a cumulative GPA between 3.5 and 3.79. **Summa Cum Laude** graduates must have a cumulative GPA between 3.8 and 4.0. These graduates are recognized at graduation ceremonies and have these distinctions noted on their permanent records.

Honors Programs

Honors courses are offered currently in the following areas of study: communications, science/technology, mathematics, social sciences and humanities, as well as the Leadership Development course, a one-credit Honors Colloquium and a one-credit interdisciplinary Independent Studies course.

Honors Recognition

The President's List and the Dean's List recognize students for outstanding scholastic work. These lists are produced at the end of each semester - fall, spring and summer. Students who earned 12 or more credit hours of academic work, excluding college prep credit hours, or 12 vocational credits, and attained a grade point average of 4.0 for the semester will be placed on the **President's List**. Students who earned 12 or more credit hours of academic work, excluding college prep credit hours, or 12 vocational credits, and attained a grade point average of 3.3 for the semester, with no grade lower than a C, will be placed on the **Dean's List**. Students meeting these requirements in a combination of both summer terms will be eligible for these honors.

Phi Theta Kappa is an international honor society. Contact information is in the Student Handbook.

Graduates who have earned a 3.2 or above overall GPA in all work taken at CF and an overall 3.2 or above GPA on all college work attempted will be graduated with one of three honors distinctions, Cum Laude, Magna Cum Laude or Summa Cum Laude. These graduates are recognized at graduation ceremonies and have these distinctions noted on their permanent records.

CF Honors Institute

The CF Honors Institute offers exceptionally able students the challenge and opportunity to enhance their academic talents and careers. Through its curriculum of enriched studies, the institute emphasizes three goals: to recognize excellence in scholarship, to reward distinguished achievement, and to direct intellectual curiosity toward continued accomplishment.

The Honors Institute focuses attention on these areas of study: language and literature, humanities, history, science, social sciences, mathematics and technology.

In addition to the courses listed below, IDH 2703H Honors Leadership Development is required for all Track I participants.

All highly motivated students who plan to work toward an Associate in Arts degree from CF should seek admission to the Honors Institute. The following guidelines are used to identify those students who should benefit most from enriched studies in the honors program. It should be noted, however, that no single criterion in the following list is absolute: i.e., a SAT score of 1,050 might prove acceptable for a student with demonstrated successes in other areas.

1. a composite score of 25 on the ACT or a total of 1,100 on the SAT
2. a high school grade point average of at least 3.75 (on a 4.0 scale) or ranking in the top 10% of their graduating class
3. a minimum 3.3 grade point average at CF
4. outstanding scores on CF placement tests, such as the ACT, SAT and/or PERT and demonstration of special talents or abilities through portfolios, projects, papers, awards, auditions, etc.

The institute issues formal invitations to graduating high school seniors meeting selective admission requirements. The two-year program requires completion of 18 credit hours in honors courses while maintaining a minimum cumulative grade point average of 3.3. A limited number of full-tuition scholarships are awarded yearly.

The Honors Institute invites outstanding CF scholars into a second track, designed to include students who **did not** articulate directly into the honors program from high school. These students must earn a minimum of 12 honors credits. Track 2 students may be eligible for partial tuition scholarships pending academic performance.

These Honors Seminars are Currently Offered:

- AML2010H - Honors Survey of American Literature I *Credits: 3*
- AMH2020H - United States History Since 1877 Honors *Credits: 3*
- BSC1005H - Introduction to Biology Honors *Credits: 3*
- CGS1100H - Microcomputer Applications Honors *Credits: 3*
- CHM2210H - Organic Chemistry I Honors *Credits: 3*
- CHM2211H - Organic Chemistry II Honors *Credits: 3*
- DEP2004H - Honors Human Growth and Development *Credits: 3*
- ECO2013H - Principles of Economics - Macro, Honors *Credits: 3*
- ENC1101H - Honors Freshman Composition Skills I *Credits: 3*
- ENC1102H - Honors Freshman Composition Skills II *Credits: 3*
- ENL2000H - Honors English Literature *Credits: 3* **
- EVR1001H - Introduction to Environmental Science Honors *Credits: 3*
- FIL2000H - Honors Introduction to Film *Credits: 3* **
- GEB1011H - Introduction to Business Honors *Credits: 3*
- HUM1020H - Honors Introduction to the Humanities *Credits: 3*
- HUM2310H - Honors Mythology and the Humanities *Credits: 3* **
- HUM2532H - Honors Western Culture and Ideas *Credits: 3* **
- IDH2703H - Honors Leadership Development *Credits: 3*
- IDH2930H - Interdisciplinary Honors: Special Topics *Credits: 1*
- IDH2911H - Honors Research Process *Credits: 3*
- ISS2936H - Honors Colloquium in Contemporary Social Issues *Credits: 1*
- LIT2110H - World Literature I Honors (Eighth Century B.C.-17th Century A.D.) *Credits: 3* **
- LIT2120H - World Literature II Honors (17th-20th Century) *Credits: 3* **
- MAC1105H - Honors College Algebra *Credits: 3* **
- MAC2233H - Calculus for Business and Social Sciences Honors *Credits: 3* **
- MAC2311H - Calculus I with Analytic Geometry Honors *Credits: 5* **
- MAC2312H - Calculus II with Analytic Geometry Honors *Credits: 5* **
- MAC2313H - Calculus III with Analytic Geometry Honors *Credits: 4*
- MAP2302H - Elementary Differential Equations Honors *Credits: 3* **
- MCB2010H - Microbiology Honors *Credits: 3*
- PHY2048CH - General Physics with Calculus with Lab Honors *Credits: 5*
- POS2041H - American National Government Honors *Credits: 3*
- PSY2012H - Honors General Psychology *Credits: 3*
- PHY2049CH - General Physics with Calculus II with Lab Honors *Credits: 5*
- REL2300H - Honors Comparative Religions *Credits: 3* **
- SLS2261H - Leadership Development Honors *Credits: 3*
- SPC2608H - Honors Effective Speaking *Credits: 3*
- SPN1120H - Elementary Spanish I Honors *Credits: 4*
- SPN1121H - Elementary Spanish II Honors *Credits: 4*
- STA2023H - Honors Elementary Statistics *Credits: 3*
- WOH2012H - Honors World Civilizations I *Credits: 3* **
- WOH2022H - Honors World Civilizations II *Credits: 3* **

Financial Information

Fees and Refunds

College fees and tuition assessments are based on the applicant's residence. Fees may be paid by check, E-check, money order or credit card and must be paid on or before the dates indicated on the student's schedule. For advanced registration, all fees are due and payable on the date specified at the time of registration. For regular registration, which is held immediately prior to the start of the semester, the fees are due and payable at the time of registration, except as authorized by law or State Board of Education Rules. Exceptions include special courses with registration and payment dates to be established by the director of Financial Aid, Veterans fee deferment and Florida National Guard fee waivers.

Students who have been awarded financial aid or who are eligible for Bright Futures scholarships may have their tuition and fees deferred at the time of registration. However, if financial aid is denied or the award does not cover a student's financial obligation, the student will be responsible for payment of the outstanding obligation.

All debts incurred due to denial or insufficient coverage must be satisfied no later than 60 calendar days after the first day of class, regardless of any pending financial aid (Florida State Board of Education Rule 6A-14.054). Students who do not resolve their outstanding account balance at the college will result in the referral of outstanding balances to a collection agency. Following turnover to the collection agency, the student can pay only through the collection agency and additional fees will be assessed at that time.

Student financial responsibilities include library fines and obligations, parking fines, returned checks, credit card charge backs, student loan repayment, and return of borrowed college equipment. Unless all fees and financial responsibilities have been satisfied, a student may not register for a subsequent semester and, in some cases, the student may be prohibited from attending classes in the current semester.

The student fees are in effect at the date of printing of this catalog. They are subject to change by action of the Florida Legislature and the College District Board of Trustees.

Returned checks must be paid within 15 days from receipt of the notice. The full amount of the returned check plus a service charge dependent upon the face amount of the check will be due. If the returned check is not paid within the time specified, it will be given to the State Attorney's Office for collection.

In the event of a disputed credit card charge, a charge back fee of $20 will be assessed in addition to the full amount due.

Florida Statute 1009.28 requires students enrolled in the same developmental class more than twice shall pay fees at 100 percent of the full cost of instruction. Students who withdraw or fail a class due to extenuating circumstances may be granted an exception only once for each class, provided approval is granted by procedures established by the president or his designee and the student has demonstrated reasonable effort to succeed.

Complete information regarding the college's refund policy can be found in the Refund Policy section.

Financial Responsibility Agreement

All students are bound by the College of Central Florida's Financial Responsibility Agreement upon course registration. The agreement outlines the financial terms and conditions associated with a student's course registration. By allowing charges to be applied to a student account, the student will be bound by this agreement.

Use of Account - The student authorizes the College of Central Florida to add to their account all tuition, fees and other charges incurred by the student as a result of enrolling in the college.

Promise to Pay - The student understands that when they register for any class at the College of Central Florida or receive any service from the College of Central Florida, the student accepts full responsibility to pay all tuition, fees and other associated costs assessed as a result of the student's registration and/or receipt of services. The student further understands and agrees that their registration and acceptance of these terms constitutes a promissory note agreement (i.e., a financial obligation in the form of an educational loan as defined by the U.S. Bankruptcy Code at 11 U.S.C. §523(a)(8) in which the College of Central Florida is providing me educational services, deferring some or all of my payment obligation for those services, and I promise to pay for all assessed tuition, fees and other associated costs by the published or assigned due date.)

The student understands and agrees that if the student drops or withdraws from some or all of their classes for which they have registered, the student will be responsible for paying all or a portion of tuition and fees in accordance with the published tuition refund schedule at the College of Central Florida. Student further understands that if the student fails to attend class or receive a bill, this does not absolve the student of their financial responsibility.

Student Account and Billing Statement - Student account activity and statements are available electronically via the student portal.

Billing Errors - The student understands that administrative, clerical or technical billing errors do not absolve the student of his or her financial responsibility to pay the correct amount of tuition and fees as a result of registration at the College of Central Florida.

Payment Due Date - Billed tuition, fees and other charges are due in full by the 10th business day following registration or immediately following registration if classes have started.

Removal from Classes - The college reserves the right to drop a student's enrollment in class for failure to abide by this agreement or any other payment agreement the student has entered into with the college.

Payment Deferrals - Florida Statute 1009.27 allows deferments when a student is awarded aid for a given term or if a student is eligible for a veteran's educational benefits. In accordance with Florida State Board of Education Rule 6A-14.054, the college has elected to limit the deferral of fees to one per term, which is due 60 calendar days after the first day of class, regardless of any pending financial aid. Students are responsible for payment of any outstanding balance on their student account even if they do not receive or are not eligible for financial aid or veteran's educational benefits for a given term/course.

Payment Methods - If the student account is not paid through financial aid or a third party agency, the College of Central Florida offers four methods for paying student account balances:

- Utilize our NelNet payment plan.
- Pay online with a credit card (we accept Visa, MasterCard, Discover and American Express). A 2.75% credit card convenience fee will be applied.
- Mail a check made payable to College of Central Florida to:
  Department of Student Accounts, College of Central Florida, 3001 S.W. College Road, Ocala, FL 34474-4415.
- Use Florida Prepaid. Students must send requests or changes each term to studentaccounts@cf.edu from their Patriots mail account.
- Please Note: Students who have previously provided payment that was dishonored by their financial institution (returned check or EFT or disputed credit card charge) are required to pay with other certified funds. Also, students who have previously filed bankruptcy are required to pay all fees in full.

Returned Check Fee - A returned check fee of up to $40 will be added to the student's account for any check returned by the student's financial institution. The college reserves the right to pursue all legal remedies available to collect on a returned check.

Past Due Accounts - If the student's account is delinquent for 60 calendar days the student will receive a first notice. If the student does not respond within 14 calendar days from the mailing date of the letter, a second notice will be sent. If the matter is not resolved within another 14 calendar days, the student's account will be turned over to a collection agency. Once the student's account has been turned over to the collection agency, the student may pay only at the collection agency.

Collection Agency Fees - The student understands and accepts that if they fail to pay their student account bill or any monies due and owing to the College of Central Florida by the scheduled due date, the College of Central Florida may refer the student's delinquent account to a collection agency. The student further understands that if the College of Central Florida refers their student account balance to a third party for collection, a collection fee will be assessed and will be due in full at the time of the referral to the third party. The collection fee will be calculated at the maximum amount permitted by applicable law, but not to exceed 35 percent of the amount outstanding. For purposes of this provision, the third party may be a debt collection company or an attorney. If a lawsuit is filed to recover an outstanding balance, the student shall also be responsible for any costs associated with the lawsuit such as court costs or other applicable costs. Finally, the student understands that their delinquent account may be reported to one or more of the national credit bureaus.

Write-off - If the student's account resides with our collection agency for 90 calendar days and the student fails to pay at least one third of the account balance, including collection fees, the account will be written off. A write-off only refers to the accounting treatment. The student's financial obligation continues. The student will still have to pay the debt before the student may reenroll or request transcripts.

Bankruptcy - Enrollment in (a) class(es) constitutes a financial obligation between the student and the College of Central Florida. Any and all services received by the student under this agreement are for educational purposes and constitute an educational loan pursuant to 11 U.S.C. § 523(a)(8) that is non-dischargeable in bankruptcy.

Financial Hold - The student understands and agrees that if the student fails to pay the student account bill or any monies due the College of Central Florida by the scheduled due date, the College of Central Florida will place a financial hold on the student's account, preventing the student from registering for future classes, requesting transcripts, or receiving a diploma.

Financial Aid - The student agrees to allow any financial aid received to pay any and all charges assessed to the student's account at the College of Central Florida. The student understands that any federal Title IV financial aid that the student receives, except for Federal Work Study wages, will first be applied to any outstanding balance on the student's account, including but not limited to: tuition, fees, parking fines, service fees, bookstore charges, and any other amount, in accordance with the terms of the aid. Title IV financial aid includes aid from the Pell Grant, Supplemental Educational Opportunity Grant (SEOG), Direct Loan, PLUS Loan, Perkins Loan, and TEACH Grant programs.

Federal financial aid regulations do not permit the college to automatically apply a student's upcoming financial aid refund to a past due balance from a previous term. The student will need to personally receive the refund and then use it to pay the balance due.

- Please be advised that a student's financial aid award is contingent upon continued enrollment and attendance in each class upon which financial aid eligibility was calculated. Dropping a class before completion may reduce a student's financial aid eligibility and some or all of the aid awarded to the student may be revoked. Should this occur, the student agrees to repay all revoked aid that was disbursed to the student account and resulted in a credit being refunded to the student.
- Student understands that aid described as "estimated" on their Financial Aid Award does not represent actual or guaranteed payment, but is an estimate of the aid the student may receive if the student meets all requirements stipulated by that aid program.

Method of Communication - The student understands and agrees that the College of Central Florida uses Patriot email as the official method of communication with the student, and that the

student is, therefore, responsible for reading the Patriot emails received from the college on a timely basis.

Updating Contact Information - The student understands and agrees that the student is responsible for keeping the College of Central Florida records up to date with a current physical address, email addresses and phone number. Upon leaving the College of Central Florida for any reason, it is the responsibility of the student to provide the college with updated contact information for purposes of continued communication regarding any amounts that remain due and owed to the College of Central Florida.

Contact - The student authorizes the College of Central Florida and its agents and contractors to contact the student at current and any future cellular phone number(s), email address(es) or wireless device regarding any debt owed to the college. The student authorizes the College of Central Florida and its agents and contractors to use automated telephone dialing equipment, artificial or prerecorded voice or text messages, and personal calls and emails, in their efforts to contact the student.

IRS Form 1098-T - The student agrees to provide a Social Security number or taxpayer identification number to the College of Central Florida as required by Internal Revenue Service regulations for Form 1098-T reporting purposes. If the student fails to provide a SSN or TIN to the college, the student agrees to pay any and all IRS fines assessed as a result of the missing SSN/TIN. The student agrees to receive the student's IRS tax form 1098T electronically via MyCF portal in lieu of a mailed copy. To receive a mailed copy, this consent may be revoked by submitting a 1098T Tuition Statement Request Form to the college bursar.

Change of Terms - The College of Central Florida may change the terms of this agreement at any time. The college will provide notice of such change on the student's portal account and allow the student the opportunity to pay his or her account in full if the student disputes the change. It is the student's responsibility to ensure that the student is aware of any changes, including changes to any and all tuition and fees.

General College Fees

Advanced and Professional, Postsecondary Vocational and College Preparatory

	Resident	Nonresident
Tuition	$82.78	$82.78
Out-of-State	N/A	248.34
Financial Aid	4.14	16.56
Technology	4.14	16.56
Student Activity	8.28	8.28
Capital Improvement	13.58	65.68
Total per credit hour	**$112.92**	**$438.20**

Career and Technical Certificate

	Resident	Nonresident
Tuition	$73.40	$73.40
Out-of-State	N/A	220.19
Financial Aid	7.34	29.36
Technology	3.67	14.68
Capital Improvement	3.67	14.68
Total per vocational credit hour*	**$88.08**	**$352.31**

*Note: To calculate fees for programs made up of vocational **clock** hours, divide the clock hours by 30 to determine the number of vocational **credit** hours and multiply the credit hours times the appropriate total per vocational credit hour charge. Example, a 60 vocational **clock** hour course divided by 30 = 2 vocational **credits** multiplied by the total per vocational credit hour for Florida residents of $88.08 = $176.16 as the charge for the course.

Baccalaureate Degree

(3000 and 4000 Level Courses)

	Resident	Nonresident
Tuition	$95.45	$95.45
Out-of-State	N/A	353.16
Financial Aid	4.77	22.42
Technology	4.77	22.42
Student Activity	9.54	9.54
Capital Improvement	14.74	88.40
Total per credit hour	**$129.27**	**$591.39**

Adult Education and Vocational Preparatory

	Resident	Nonresident
Tuition	$30/term	$30/term
Total per credit hour	**$30/term**	**$30/term**

The president is authorized to approve fees for continuing workforce education programs, recreation and lifelong learning programs on a course-by-course basis. For continuing workforce education courses, the president will establish fees that equal at least 100% of the total annual cost of the supplemental vocational program. The fees for recreation and lifelong learning programs will generate at least the direct cost of instruction. The president will annually report to the District Board of Trustees the amount of fees collected and the accumulated cost of the respective programs.

Fees to the public are subject to change without notice. Student fees embedded in the cost of tuition may vary from semester to semester.

General Fees

Admission Application Fee	$30[1]
International Education Application Fee	$30
Transcript Fee (each request)	$7.25
Credit by Examination/Experiential Learning (departmental exam)	$100
Distance Learning Course User Fee (per credit hour)	$10
Parking Decal (additional and replacement)	$5

ID Card Replacement	$5
Pre-Admission Background Check Health Care, Law Enforcement/Corrections, Education	$55[2]
Background Screening for Licensure	$79
Substance Screening for Health Sciences Programs	$29
Health Science Pre-Clinical Compliance Screening	$99
Duplicate Diploma	$25
Community Library Borrower's ID Card	$10
Online Proctoring and Verification of Student Identity (paid through Honorlock)	Varies[3]
Labster (lab simulation fee)	$82.22

[1]The president has authority and discretion to waive, but not to raise, user fees and fines enumerated in Section 1009.43, Florida Statutes, in unique situations or circumstances in which it is deemed a waiver to be in the best interest of the college.
[2]Payable before registration; subject to change without notice.
[3]Fee based number of exams.
[4]Fee assessed only for sections using Labster supplemental lab simulation program.

Other Fees, Fines and Penalties

Stop Payment on CF Check	$25
Stop Payment Individual Check	$25
Non-Sufficient Funds Checks as per Florida Statute 68.065(2):	
Amount of Check $.01 to $50	$25
Amount of Check $50.01 to $300	$30
Amount of Check over $300	$40
Credit Card Charge Back	$20
Credit Card Convenience Fee	2.75%
BankMobile Vibe Replacement Card	$10
Parking and Other Citations	$15
Handicap Parking Citation	$50
Vehicle Immobilization Device (boot)	$50
Towing	Charges determined by tow truck operator
Lost/Damaged Library Materials	Replacement Costs

Instructional Fees and Materials Supplies (Estimated)

Law Enforcement Students	Varied
Corrections Students	Varied
Occupational Materials and Supplies (sold at bookstore except for Health Sciences skills kits - not sold at bookstore and price varies)	Varied
Nursing Skills, Surgical Technology, Physical Therapist Assistant, Nursing Pins	Varied
Cap and Gown bundle (sold at bookstore)	Varied

Learning Support Center

CF Students	No charge
University Partners	No charge
Vocational Preparatory Students (VPI)	No charge
Adult Education Students (GED)	No charge

CF Learning Lab School Customer Service Charges (per child)

Child Care Registration Fee (annually)	$100/$150[1,2]
Child Care Bill Late Fee (assessed after due date)	$20 per week or portion thereof[3]
Late Pick-up Fee	$10 first five minutes, $1 each minute thereafter
	Daily/Weekly
Toddler (under 2) - Full-Time Student	$36/$180[3]
Toddler (under 2) - CF Employee	$38/$190[3]
Toddler (under 2) - All Others	$40/$200[3]
2-Year-Old Child - Full-Time Student	$35/$175[3]
2-Year-Old Child - CF Employee	$37/$185[3]
2-Year-Old Child - All Others	$39/$185[3]
3-Year-Old Child - Full-Time Student	$33/$165[3]
3-Year-Old Child - CF Employee	$36/$180[3]
3-Year-Old Child - All Others	$37/$185[3]
4-Year-Old Child - Full-Time Student	$32/$160[3]
4-Year-Old Child - CF Employee	$34/$174[3]
4-Year-Old Child - All Others	$36/$185[3]
5-Year-Old Child - Full-Time Student	$32/$160[3]
5-Year-Old Child - CF Employee	$34/$174[3]
5-Year-Old Child - All Others	$36/$185[3]
VPK Wrap Around - Full-Time Student	$15/$75[4]
VPK Wrap Around - CF Employee	$16/$80[4]
VPK Wrap Around - All others	$17/$85[4]

Patrons enrolled in Voluntary Pre-Kindergarten will be assessed for extended care, if utilized.

Child in VPK Program - Full-Time Student	Varies based on state rate[4]
Child in VPK Program - CF Employee	Varies based on state rate[4]
Child in VPK Program - All others	Varies based on state rate[4]

[1]Single child/multiple children
[2]Payable before registration
[3]Subject to change without notice

[4]VPK Rate is set by the State of Florida, Office of Early Learning www.floridaearlylearning.com

Appleton Museum of Art Membership and Admission Charges

General Admission	Charge/Fee
Members - General, Director's Circle	No Charge
Adult	$10
Children - age 0 - 5	No Charge
Youth - age 6 - 17	$5
Student - University - 18 and over with ID	$8
Educator	$8
Senior - age 55 and over	$8
AAA Member Discount	$8
Active Military	No Charge
Veterans	No Charge
Family passes (2 adults and 3 children ages 0 -17)	$25
Reciprocal Members	No Charge
Appleton Store Only	No Charge
Admission for Special Events/Exhibits	
Marquis Events and Exhibitions (separate ticket required as approved by the president)	varies
Classes	Fees established as approved by the president or designee
Group Tour Admission (15 or more persons)	
Adult	$8
Senior - age 55 and over	$6
Educator	$5
Student - University - Students age 18 and over with ID	$3
Students K-12 (Marion, Citrus and Levy counties)	No Charge
Bus driver for group	No Charge
Chaperone (1 per 10 students)	$8
Members	No Charge
General Membership	
Student/Educator with ID	$20
Individual Senior - age 55 and over	$30
Individual	$35
Dual Senior - age 55 and over	$50
Dual/Family - two adults and any children age 17 and under	$60
Director's Circle Memberships	
Friend	$125
Associate	$250
Fellow	$500
Colleague	$1,000
Partner	$2,500
Sustainer	$5,000

College of Central Florida

CF Faculty, Staff, Students, Retirees and CF Alumni Association members with CF ID receive free admission only to the Appleton year round. To receive additional benefits, a membership fee is required as follows:

Receive a 10% discount at the Appleton store, discount on classes and free admission to events.	CF Individual $10 CF Dual/Family $20

Visual Artists' Society

Annual Membership (Jan. 1 - Dec. 31)	$40
Student Membership (with current CF ID)	No charge

Other Fees Related to Noncredit Classes

Recreation and Lifelong Learning

CPR Card (after satisfactory completion of course)	No charge
CPR card replacement	$5
Certificates (for any courses that certificates are issued)	No charge
Certificate replacement	$7

Corporate College Fees

Certificates of Completion Replacements	$5
OSHA Card Replacements	$12
Forklift Card Replacements	$5

Assessment and Testing Fees

Fees to the public are subject to change without notice. Student fees embedded in the cost of tuition may vary from semester to semester.

Accuplacer Next Generation	
First-time Student	$10
Retake	$5 per section
Non-Students	$25
ACT, American College Test	
No Writing	$68
With Writing	$93
AHIMA, America Health Information Management Association for Certified Coding Associates Exam	$199 Member $299 Non-member
ANAT, Anatomy Pretest	No charge

ASE, Automotive Service Excellence	Exam fee paid to the vendor.
ASVAB, Armed Services Vocational Aptitude Battery	No charge
AUTOCAD, Certified User	$76.50 + $25 CF Proctor Fee $101.50 w/voucher retake
AWS, American Welding Society Certification Exam	$200 each
Background Check	Health Care $79 Standard $55 Standard (2) $55
Certiport, Certiport Certification	$25 CF Proctor Fee Plus cost of exam voucher
CIC, Crane Institute	$25 CF Proctor Fee
CJ-BAT, Criminal Justice Basic Abilities Test	$39 Pearson Vue
CLEP, College Level Examination Program	$122 Total $97 to CLEP+
(non-refundable CF Proctor Fee per test in addition to CLEP fees)	$25 CF Proctor Fee
CLM/AAF, College Level Math/Advanced Algebra and Functions	
First-time Student	$10
Retake	$5
Non-students	$25
Comira, Certification Exams	Exam price varies; revenue is generated from the vendor
CompTIA A+ Essentials Certification	$280 Total ($115 x 2 exams + proctor fees)
CF Proctor Fee	$25
CompTIA Cloud+ Certification	$203 Total ($178 per exam + proctor fee)
CF Proctor Fee	$25
CompTIA IT Fundamentals (ITF+)	$109 Total ($84 per exam + proctor fee)
CF Proctor Fee	$25
CompTIA Network + Certification	$203 Total ($178 per exam + proctor fee)
CF Proctor Fee	$25
CompTIA Security + Certification	$287 Total ($262 per exam + proctor fee)
CF Proctor Fee	$25
CS, CareerScope (Assessment)	
CF Students	No charge
Others	$41
DSST, Defense Activity for Nontraditional Education Support	$125 Total $100 Exam Fee +
(Nonrefundable CF Proctor Fee per test in addition to DSST fees)	$25 to CF
ESB, Entrepreneurship and Small Business	$98 Total ($73 each with retake + $25 CF Proctor Fee
FCB, Florida Certification Board	Exam fee paid to the vendor
FCLE, Florida Civic Literacy Exam (CF Students Only)	
First time	$10
Retake per section	$5
Proctor Fee for non-CF students	$25
FCLE Remote, Florida Civic Literacy Exam (CF Students Only)	$30 per appointment
Make appointment at: https://onetesting.net/remote/cf-testing	
FLATS, Foreign Language Achievement Testing Service	
Electronic to vendor	$75 Total $50 Exam Fee +
CF Proctor Fee	$25
GED, General Educational Development Tests	No CF Fees
(Account must be created at www.ged.com with a valid username. To schedule an exam, a candidate must schedule through their GED.com account)	
RLA (Reasoning through Language Arts)	$38
Social Studies	$38
Science	$38
Mathematics	$38
GED OPT, Official Practice Test GED Ready	$7.99 per subject or $22.99 for All Subjects
(Administered at Levy Campus only; can be taken online through GED.com account)	
HESI A2, Health Education Systems Inc. Entrance Exam	$76 Total $51 Exam Fee +
CF Proctor Fee	$25
HESI Exit Exam, Exam - Nursing Students preparation for professional license	$106 Total $81 per exam +
CF Proctor Fee	$25
IC3-GGS6 Level II, Internet and Computing Core Certification Exam - three modules	$53 Total $28 Exam Fee +
CF Proctor Fee	$25
IQT, International Organization for Standardization-Information Qualification Test	Exam fee paid to the vendor
Kryterion, Cells Force Certification Exam	Exam fee paid to the vendor
Lean Six Sigma, Green Belt	$159 per exam
Lean Six Sigma, Yellow Belt	$99 per exam

Littauer, Personality Plus Test	$41 for non-students No Charge for CF Students
Meazure, Certification Exams	Exam fee paid to the vendor
MOS, Microsoft Office Specialist (Word, Excel, Access, Outlook or PowerPoint)	$119 total $94 with retake +
CF Proctor Fee	$25
MSSC, Manufacturing Skills Standards Council Assessment	
On Campus	$140 Total $65 Registration Fee + $50 Exam Fee + $25 CF Proctor Fee
Remote through Proctor-U	$128 Total $63 Exam Fee + $65 Registration Fee
NALA, National Association of Legal Assistants	
NALA Members	$325
Non-members	$375
CF Proctor Fee	$25
NBDHMT, National Board of Diving and Hyperbaric Medicine Technology	Exam price varies
CF Proctor Fee	$25
Nebosh, Technical Certifications	Exam price varies
CF Proctor Fee	$25
NREMT, National Registry of Emergency Medical Technicians	Exam fee paid to the vendor
Pearson Vue, Pearson Vue Tests	Exam price varies; revenue is generated from the vendor
PERT, Postsecondary Education Readiness Test	
First time	$10
Retake per section	$5
Proctor fee for non-students	$25
PERT Remote, Postsecondary Education Readiness Test Remote testing	$30 per appointment
Make appointment at: https://onetesting.net/remote/cf-testing	
PMMI, Packing Machinery Manufactures Institute	
CF students	$75
CF Proctor Fee	$25
Participation Fee	$1 (Total PMMI Exam: $101)
Proctoring, Outside Proctoring	$25 CF Proctor Fee
Professional Bookkeeping, Intuit Certified Bookkeeping Professional	$133 Total $108 Exam Fee +
CF Proctor Fee	$25
PROV, Contractor Certifications	Exam fee paid to the vendor
PST, Public Safety Testing	Exam price varies
CF Proctor Fee	$25
QuickBooks, Intuit Certified QuickBooks	$133 total $108 per exam with retake +
CF Proctor Fee	$25
RV Technical Institute Testing	Exam price varies +
CF Proctor Fee	$25
Remote Testing	
(Please contact testing@cf.edu for remote proctoring. Additional fees apply.)	
Reprints, reprints of all scores	$5
SACA, Smart Automation Certification Alliance	Exam price varies +
CF Proctor Fee	$25
Solidworks, Solid Modeling Computer Aided Design- Certified Solidworks Associate (CSWA)	Exam fee paid to the vendor
CF Proctor Fee	$25
SOCE, State Officers Certification Exam	$100 Fee paid to Pearson Vue
TABE, Test of Adult Basic Education	
First time	$15
Retake	$15
T.E.A.S., Test of Essential Academic Skills acceptance for Nursing and Physical Therapist Assistant Programs	$112
WPT, Wonderlic Personnel Test measures Math, Vocabulary and, Reasoning for Corrections, Dental Assisting, Emergency Medical Services, Emergency Medical Technician, Management Paramedic, Radiography, Respiratory Care and Surgical Services	
CF Student	$15
Retake for CF Student	$15
Non-CF Student	$45
Retake for Non-CF Student	$45
WPT Remote, Wonderlic Personnel Remote Test measures Math, Vocabulary and Reasoning for Civilian Position, Corrections, Dental Assistant, Emergency Medical Services, Emergency Medical Technician, Law Enforcement, Paramedic, Radiography, Respiratory Care and Surgical Services	$30 per appointment/session

Laboratory and Special Course Fees

Fees to the public are subject to change without notice. Student fees embedded in the cost of tuition may vary from semester to semester.

COURSE NUMBER	TITLE	LAB FEE
ACG1949	Accounting Co-op I	$13.56
ACG2450	Integrated Accounting	$133
AEB1949	Agribusiness Internship	$13.56
AGR1234	Forage Science and Range Management	$19
ANS1016	Basic Horse Handling and Safety	$9.39
ANS1073C	Equine Anatomy and Physiology	$6.86
ANS1237C	Equine Health Care	$5.85
ANS1949	Equine Co-op I	$13.56
ANS2074C	Injury and Rehabilitation of Horses	$9.87
ANS2075	Equine Locomotion	$8.63
ANS2232C	Advanced Horse Handling Skills	$9.39
ANS3950	Equine Practicum	$13.56
ANS4218	Equine Learning Theory	$13.56
ANT2825	Anthropology Field School	$30
AOM2316	Agricultural Machinery and Equipment	$23
ART1201C	Basic Design I	$20
ART1300C	Freehand Drawing I	$4.50
ART1400	Printmaking I	$90
ART1500C	Painting I	$23
ART2203C	Basic Design II	$47
ART2301C	Freehand Drawing II	$33
ART2401	Printmaking II	$80
ART2501C	Painting II	$60
ART2701C	Sculpture I	$40
ART2702C	Sculpture II	$40
ART2750C	Ceramics I	$58
ART2751C	Ceramics II	$58
ATE2623	Equine First Aid	$7.52
BSC1005L	Introduction to Biology Lab	$20
BSC2010L	Integrated Principles of Biology Laboratory I	$20
BSC2011L	Integrated Principles of Biology Laboratory II	$20
BSC2085L	Human Anatomy and Physiology I Lab	$30
BSC2086L	Human Anatomy and Physiology II Lab	$30
CCJ1949	Criminal Justice Co-op I	$13.56
CET1114	Digital Circuits	$30
CET2180	Practical PC Technician	$280
CGS1949	Computer Information Co-op	$13.56
CGS2103	Spreadsheet Applications	$132
CHM1025L	Introductory Chemistry Laboratory	$30
CHM1032L	Chemistry for Health-Related Fields Lab	$30
CHM2045L	General Chemistry I Lab	$30
CHM2046L	General Chemistry II Lab	$30
CHM2210L	Organic Chemistry I Lab	$30
CHM2211L	Organic Chemistry II Lab	$30
CJK0002	Introduction to Law Enforcement	$60.67
CJK0016	Communications	$1.50
CJK0018	Legal	$2.25
CJK0019	Interviewing and Report Writing	$6.60
CJK0020	Vehicle Operations	$238.81
CJK0021	Serving Your Community	$2.25
CJK0031	First Aid for Criminal Justice Officers	$65
CJK0040	Firearms	$636.40
CJK0051	Defensive Tactics	$254.10
CJK0063	Fundamentals of Patrol	$37.50
CJK0072	Crimes Against Persons	$26.76
CJK0079	Crime Scene Follow-up Investigations	$13.79
CJK0093	Critical Incidents	$97.93
CJK0096	Physical Fitness for Law Enforcement	$45.47
CJK0111	Interview and Report Writing in Corrections	$1
CJK0301	Introduction to Corrections	$25
CJK0326	Supervising Correctional Populations	$1
CJK0327	Shift Management and Safety	$6
CJK0336	Incidents and Emergencies in Correctional Facilities	$1
CJK0340	Officer Wellness and Physical Abilities	$30.15
CJK0355	Legal for Correctional Officers	$1
CJK0393	Crossover Program Updates	$5.40
CJK0400	Traffic Incidents	$4.86
CJK0401	Traffic Stops	$74.68
CJK0402	Traffic Crash Investigations	$15.86
CJK0403	DUI Traffic Stops	$44.92
CJK0421	Dart Firing Stun Gun	$13.91
COM3120	Organizational Communications	$39
CTS2120	Security Fundamentals	$287
CTS2134	Network Fundamentals	$203
CTS2375	Cloud +	$203
CVT1205L	Cardiovascular Pharmacology and EKG Management	$26.82
CVT1610C	Ultrasound Physics I	$10.68
CVT1616C	Ultrasound Physics II	$20.02
CVT1800L	Cardiovascular Clinical Pre-Practicum I	$30.28
CVT1801L	Cardiovascular Clinical Pre-Practicum II	$250.28
CVT2620L	Cardiovascular Non-Invasive Practicum I	$163.56

CVT2840L	Cardiovascular Invasive Practicum I	$298.02
DEA1805L	Dental Clinical Seminar	$250
DEA1806L	Clinic Practice I	$13.56
DEA1855L	Clinic Practice II	$165
DEA1856	Clinical Seminar III	$150
DEA1856L	Clinic Practice III	$41
DEA1949	Dental Internship Co-op I	$15
DEH1000L	Introduction to Dental Hygiene Lab	$1,183.39
DEH1003L	Fundamentals of Dental Hygiene and Instrumentation Lab	$2,055.92
DEH1800L	Dental Hygiene Clinic I	$2,445.70
DEH1802L	Dental Hygiene Clinic II	$114.51
DEH2293	Professional Development	$150
DEH2702C	Community and Public Dental Health with Lab	$75
DEH2804L	Dental Hygiene III Clinic	$578.56
DEH2806L	Dental Hygiene Clinic IV	$1,163.56
DES1051C	Dental Pain Control and Anesthesia with Lab	$165.33
DES1100L	Dental Materials Lab	$86.53
DES1200L	Dental Radiology Lab	$260.64
DES1502	Dental Office Management	$20
DES1806L	Introduction to Clinical Procedures Lab	$92.50
DES2832C	Expanded Functions with Lab	$190.39
DIG1949	Digital Media Co-Op I	$6
DIG1950	Digital Media Co-Op II	$13.56
DIG2109C	Digital Imaging and Fundamentals	$81
DIG2280C	Digital Video and Sounds	$22
EDP4503	Assessment, Evaluation and Diagnosis of the Young Child	$135
EEC3012	Introduction to Advanced Studies in Early Childhood Education	$280
EEC4219	Integrated Math and Science for Young Children	$150
EEC4940	Internship in Early Childhood Education	$52
EET1015	DC Circuits	$43.50
EET1025	AC Circuits	$15.46
EET1082	Introduction to Electronics	$34
EET1084	Survey of Electronics	$15
EET1140	Electronic Devices and Circuits	$69.86
EET1155	Linear Integrated Circuits	$41
EET1610	High Liability Soldering	$54.30
EET1620	Advanced Surface Mount Soldering	$123
EGS1949	Engineering Technology Co-op I	$13.56
EGN1111	Engineering Graphics	$101.50
EMS1119L	Fundamentals EMT Skills Lab	$96.84
EMS1431	EMT Field Experience	$268.56
EMS2611L	Paramedic Fundamentals Skills Lab	$207.14
EMS2612L	Paramedic Airway Management Lab	$20.96
EMS2613L	Paramedic Patient Assessment Lab	$20.96
EMS2614L	Trauma Emergency Skills Lab	$20.96
EMS2615L	Medical Emergencies Lab I	$157.87
EMS2619L	Medical Emergencies Lab II	$177.70
EMS2628L	Paramedic OB/GYN Neonatal Emergency Skills Lab	$20.96
EMS2656	Paramedic Clinical I	$208.51
EMS2658	Paramedic Clinical Experience III	$220
ESC1000L	Earth Science Lab	$10
ESC1200C	Earth Science for Educators	$10
ETI1151	Instrument Techniques and Measurement	$273.16
ETI1411	Manufacturing Processes I	$140.93
ETI1622	Concepts of Lean Manufacturing and Six Sigma	$149
ETI1720C	Industrial Safety	$97
ETI1843	Motors and Controls	$45.72
ETI2610	Six Sigma for the Expert	$159
ETM2401	Mechanical Devices and Systems	$78.48
ETS1535	Automated Process Control	$375.27
ETS1540	Industrial applications Using PLCs and Robots	$371.96
ETS1542	Introduction to PLCs	$408.68
ETS1700	Hydraulics and Pneumatics	$129.52
GRA2120C	Page Design and Layout (Adobe InDesign)	$70
GRA2156C	Digital Illustration Vector-Based (Adobe Illustrator)	$70
IDS1107	First Year Experience	$40
HLP1081	Personal Wellness Appraisal and Improvement	$10
LAE4416	Children's Literature for Educators	$179.16
MAN1949	Management Co-op	$13.56
MAN3303	Management and Leadership	$36
MAN4940	Internship in Business and Organizational Management	$49.56
MCB2010L	Microbiology Lab	$30
MUC1101	Introduction to Music Composition	$480
MUC1102	Music Composition	$480
MVB1211-2221	Trumpet	$300
MVB1212-2222	Horn	$300
MVB1213-2223	Trombone	$300
MVB1214-2224	Baritone Horn	$300
MVB1215-2225	Tuba	$300
MVB1311-2321	Trumpet	$600
MVB1312-2322	Horn	$600

MVB1313-2323	Trombone	$600
MVB1314-2324	Baritone Horn	$600
MVB1315-2325	Tuba	$600
MVK1111	Class Piano I	$15
MVK1211-2221	Piano	$300
MVK1311-2321	Piano	$600
MVK2121	Class Piano III	$15
MVO2220-2221	Other Instruments	$300
MVO2320-2321	Other Instruments	$600
MVP1211-2221	Percussion	$300
MVP1311-2321	Percussion	$600
MVS1211-2221	Violin	$300
MVS1212-2222	Viola	$300
MVS1213-2223	Violoncello	$300
MVS214-2224	Double Bass	$300
MVS1216-2226	Guitar	$300
MVS1311-2321	Violin	$600
MVS1312-2322	Viola	$600
MVS1313-2323	Violoncello	$600
MVS1314-2424	Double Bass	$600
MVS1316-2326	Guitar	$600
MVS1816	Class Guitar	$15
MVV1111	Class Voice	$15
MVV1211-2221	Voice	$300
MVV1311-2321	Voice	$600
MVW1211-2221	Flute	$300
MVW1212-2222	Oboe	$300
MVW1213-2223	Clarinet	$300
MVW1214-2224	Bassoon	$300
MVW1215-2225	Saxophone	$300
MVW1311-2321	Flute	$600
MVW1312-2322	Oboe	$600
MVW1313-2323	Clarinet	$600
MVW1314-2324	Bassoon	$600
MVW1315-2325	Saxophone	$600
NUR1004C	Bridge Clinical Concepts	$225.91
NUR1006C	Transition to Nursing Concepts	$225.91
NUR1021C	Foundations in Nursing	$128.91
NUR1052C	Clinical Concepts I	$20
NUR1241C	Clinical Concepts II	$137
NUR1520C	Behavioral Concepts in Nursing	$20
NUR2243C	Clinical Concepts III	$55.91
NUR2244C	Clinical Concepts IV	$438
NUR2440C	Developmental Concepts in Nursing	$20
NUR3066C	Advanced Nursing Health Assessment with Lab	$34
NUR4636C	Community Nursing with Lab	$21
ORH1000C	Introduction to Horticulture	$66
ORH1260	Greenhouse Operations	$46
ORH1301C	Introduction to Irrigation	$33
ORH1601C	Nursery Management	$66
OST1100	Introduction to Word	$119
OST1110	Intermediate Word	$119
OST1949	Office Administration Co-op	$13.56
OST2401	Office Administration: Procedures	$119
OST2402	Office Administration: Simulation	$119
OST2717	Advanced Word	$119
PET2622C	Care and Prevention of Athletic Injuries	$10
PGY1401C	Photography I	$30
PHT1130C	Data Collection Skills for the PTA	$106.20
PHT1175C	Functional Anatomy and Kinesiology	$3.71
PHT1210C	Therapeutic Modalities I	$14.38
PHT1212C	Therapeutic Modalities II	$23.02
PHT1801L	PTA Clinical Lab I	$13.56
PHT1802L	PTA Clinical Lab II	$16.74
PHT2810L	Clinical Practice II	$51.66
PHT2820L	Clinical Practice III	$99
PHY1053C	General Physics I	$20
PHY1054C	General Physics II with Lab	$20
PHY2048C	General Physics with Calculus I	$20
PHY 2049C	General Physics with Calculus II	$20
PLA1949	Legal Assisting Co-op I	$13.56
PMT0102	Introduction to Welding	$500
PMT0111	Oxyacetylene Welding	$108.62
PMT0121	Shielded Metal Arc Welding	$108.62
PMT0131	Gas Tungsten Arc Welding	$108.62
PMT0134	Gas Metal Arc Welding	$108.62
PMT0161	Pipe Welding	$108.62
PMT0165	Shielded Metal Arc Pipe Welding	$250
PMT0168	Gas Tungsten Arc Pipe Welding	$108.62
PMT0172	Heavy Wall Pipe Welding	$108.62
PMT0175	Pipe Fitting	$108.62
PMT0185	Pipe Welding Certification	$108.62
PMT0186	Stainless Pipe Welding	$200
PMT0930L	Welding Skills Development Lab	$108.62
RET1024L	Principles of Respiratory Care Lab	$373.47
RET1291	Clinical Respiratory Care I	$18.67
RET2293	Clinical Respiratory Care III	$105.56
RTE1111L	Patient Care Procedures L	$26
RTE1503	Radiographic Procedures I	$264
RTE1503L	Radiographic Procedures I Lab	$26
RTE1513L	Radiographic Procedures II Lab	$26
RTE1804	Clinical Education I	$365.74
RTE1814	Clinical Education II	$74.52
RTE1824	Clinical Education III	$81.17

RTE2061	Radiography Seminar	$321.56
RTE2130	Pharmacology in Radiography	$9
RTE2523L	Radiographic Procedures III Lab	$26
RTE2834	Advanced Clinical Education IV	$126.88
RTE2844	Advanced Clinical Education V	$74.52
SBM2000	Small Business Management	$98
SLS1122	First Year Experience	$40
SON1000L	Introduction to Sonography Lab	$152.69
SON1111L	Abdominal Sonography I Lab	$152.69
SON1121L	Obstetrics and Gynecology Sonography I Lab	$152.69
SON1808	Clinical Education I	$113.56
SON2112L	Abdominal Sonography II Lab	$152.69
SON2122L	Obstetrics and Gynecology Sonography II Lab	$152.69
SON2140L	Vascular and Small Parts Sonography Lab	$152.69
SON2828	Clinical Education III	$13.56
STS1302	Introduction to Surgical Technology	$179.06
STS1327C	Principles and Practices of Surgical Technology with Lab	$187.86
STS2323	Surgical Procedures I	$247
STS2329	Advanced Surgical Techniques, Procedures and Professional Skills	$46.72
STS2944	Clinical Practice I	$35.35
STS2945	Clinical Practice II	$11.33
SWS2000	Introduction to Soil Science	$4
TAX2000	Individual Income Tax	$133

Special Short Courses, Seminars, Institutes and Workshops

Fees for these activities are charged to cover direct costs, which vary, depending on individual estimates and are authorized by the college president.

Notes:

1. No laboratory fees will be refunded after the drop/add period.
2. No refunds will be issued after 20 days past the close of the semester.

Total fees collected annually must at least equal the full cost of providing such programs.

Accident Insurance

Students enrolled in Career and Technical certificate programs may be requested to carry accident and/or liability insurance. The college does not provide insurance except for students accepted into the Health Sciences programs whose annual premium for coverage is included as a fee for certain clinical courses.

Fee Waivers and Exemptions

The president or the president's designee is authorized to waive tuition and fees in accordance with the Florida Statutes and Florida Board of Education Rules.

To the extent required by law, registration fees (defined to include all fees normally collected as part of the registration process) will not be assessed for those categories of students specifically exempted by Florida Statutes and Florida Board of Education Rules, including students enrolled under dual enrollment and early admission agreements between the college and the school districts in its service area. (Florida Statutes 1001.64, 1009.23, 1009.25, 1009.26, 1009.27, 1010.03, 1011.83; Florida Administrative Code 6A-14.054; CF Board Policy 5.08)

Third-party Authorization

If all or part of registration fees are being paid by an external agency which requires billing (employer, Florida Prepaid Program, Vocational Rehabilitation, Career Source, a government agency or out-of-state 529 plan, etc.), the student is responsible for communicating with their agency representative to determine if the agency will notify the college of their intent to pay or if it will be the student's responsibility for notification. When the student is responsible for payment notification, a current form of authorization (letter, card, voucher, purchase order, etc.) which specifies the semester and indicates a dollar amount (for fees and/or books) will be supplied to the student by their sponsoring agency. The student must submit this authorization to the Department of Student Accounts. The document must be sent via email to studentaccounts@cf.edu prior to the fee due date indicated on their registration form. If the current authorization is not presented, the student's account will not be credited properly and the student may be dropped from all courses, and/or be responsible to pay the fees. The student is responsible for payment of any balance remaining after 60 days from the start date of the semester. Third party authorizations for book charges require a separate purchase order or letter addressed to the CF Bookstore that must be presented to the bookstore manager.

Florida Prepaid Tuition Plan

Students who participate in the Florida Prepaid Tuition Plan must email their Florida Prepaid Identification Card to studentaccounts@cf.edu each semester they register for classes as well as whenever they make a change during the add/drop period of each semester. The email must contain their name, student ID#, semester they would like to apply their FLPP to, and the amount of credits. The card must apply to the appropriate academic year and be signed by the student. Students participating in this program are responsible for any amounts not covered by their plan. Any remaining balance must be paid by the fee due date on the student's schedule.

Tuition and Fee Waivers

Fee Waivers and Exemptions

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Florida State Employee Fee Waivers

Per Section 1009.265, Florida Statutes:

State employees are defined as full-time employees of the executive, legislative and judicial branches of state government, **except for persons employed by a state university**. State employees can receive tuition and fee waivers for up to six (6) credit hours per semester on a space-available basis. At CF, space available is defined as anytime during the add period. State employees must complete an Application for State Employee Fee Waiver. State Employee Fee Waivers are not applicable to noncredit classes. Employment verification will be obtained by the Office of Financial Aid through the Bureau of State Payrolls website.

Guidelines

- Tuition waiver verification will be confirmed on the state database through the State Payrolls website.
- State employees are responsible for paying admission application fees.
- State employees must complete all admission requirements, including the Application for Admission, placement testing and transcripts, etc.
- State employees must register in person during the add period each semester. Registration is for classes on a space available basis only and cannot occur prior to the add period (no deferments, no reimbursements).
- Tuition will be waived for a maximum of six (6) credits, (lab fees are not covered). Waiver is for college credit courses including Career and Technical Certificate courses (vocational credit); it is not applicable to noncredit (continuing education) courses or adult education courses. Courses to which the fee waiver is to be applied must be indicated on the waiver form.
- Courses must be taken for a grade; they may not be taken as audit.
- Tuition waiver verification must be assessed each term. If verification is not confirmed, the student will be responsible for tuition and fees. Fees will be assessed at the resident rate.
- Tuition waiver is for the current term of registration only. It is not retroactive.

Procedure

1. State employee must complete all admission requirements prior to registering for class(es).
2. State employee must complete the Application for State Employee Fee Waiver available in the financial aid forms section of the Financial Aid tab in the MyCF student portal and submit the form to the Office of Financial Aid. The Office of Financial Aid will file the original letter and forward a copy to the Office of Enrollment Services.
3. Once the employee is admitted to CF, or if the employee is a current student, he/she may register for classes, on a space available basis, during the add period.
4. The Office of Financial Aid will post the fee waiver.
5. The state employee must pay any fees not covered by the fee waiver at the cashier's window. (CF Board Policy 5.08; CF Administrative Procedure Fee Waivers)

Military Honoree Tuition Waiver

Per Florida Statute 1009.26(8b), the college shall waive tuition for undergraduate college credit programs and career and technical programs for each recipient of a Purple Heart or another combat decoration superior in precedence who:

1. is enrolled as a full-time, part-time, or summer school student in an undergraduate program that terminates in a degree or certificate
2. is currently, and was at the time of the military action that resulted in the awarding of the Purple Heart or other combat decoration superior in precedence, a resident of Florida; and
3. submits to the college the DD-214 form issued at the time of separation from service as documentation that the student has received a Purple Heart or another combat decoration superior in precedence.

Such a waiver for a Purple Heart recipient or recipient of another combat decoration superior in precedence shall be applicable for 110 percent of the number of required credit hours of the degree or certificate program in which the student is enrolled.

The student must complete CF's Waiver for Recipients of Purple Heart of Superior Combat Decorations form located in the financial aid forms section of the Financial Aid tab in the MyCF student portal. (CF Board Policy 5.08; CF Administrative Procedure Fee Waivers)

Disabled Veterans Tuition Waiver

Per House Bill 45, disabled veterans who receive GI Bill education assistance, but who do not qualify for the 100 percent eligibility tier federally will receive a waiver in the amount that is the difference between the portion of tuition and fees authorized under federal law and the full amount of tuition and fees.

Homeless Youth Tuition Waiver

Per House Bill 1577 and 7065, students who meet McKinney-Vento Homeless Assistance Act definitions may be eligible to receive a waiver of tuition and fees only.

Former Foster Youth Tuition Waiver

Per Senate Bill 7034, a student who was subject of a shelter, dependency, or a termination of parental rights proceeding, and who was/is in out-of-home care, adopted, or in permanent guardianship may be eligible to receive a waiver of tuition and fees.

Refund Policy

For credit and vocational workforce education classes, petitions for withdrawal with a refund from the college are available in the office of Enrollment Services, Enrollment Management, the Office of the Vice President for Enrollment Management and Student Affairs, and the Citrus Campus Enrollment Management Office. It is the student's responsibility to initiate the withdrawal petition and the official date of withdrawal will be determined by the date the completed form is returned to one of these offices. Regardless of when the refund is applied for, no refund will be processed before 30 days have elapsed from the date of the refund form, or two weeks after the end of the **add/drop date**, whichever is the greater time period.

Credit, vocational workforce and audit students who officially withdraw and complete a proper refund petition through one of the offices listed above will be considered for refunds according to the following schedule:

100 percent: When official drop notification is received and approved prior to the end of the published drop/add period.

Up to 100 percent: In keeping with Florida Administrative Rule 6A-14.0541, CF will consider a petition for refund of fees for a course after the official drop period when the student withdraws due to circumstances determined by the college to be exceptional and beyond the control of the student. These may include illness of the student of such severity or duration, as confirmed in writing by a physician, to preclude completion of the course(s); death of the student or the student's parent, spouse, child or sibling; involuntary call to active military duty; a situation in which the college is in error; a change of a course or section(s) initiated by the college because of cancellation, time or location; other circumstances that may be approved upon timely filing with complete documentation with the division of Student Affairs.

There are three semesters in the academic year: fall, spring and summer. The college will consider a student's petition through the end of the semester following the semester in which the student withdrew because of extraordinary circumstances. After the end of the semester following withdrawal, no petition will be accepted without the approval of the vice president for Enrollment Management and Student Affairs.

The refund process does not begin each session until after the add/drop period has passed and attendance has been verified.

CF has partnered with BankMobile Disbursements (formerly Higher One), to process refund disbursements to our students. Financial aid and tuition refunds are disbursed to CF students according to your refund preference selection. Once the awards are posted on your account, barring any unforeseen circumstances, your refund will be sent to BankMobile Disbursements.

Students choose one of two ways to receive refunds and disbursements:

1. ELECTRONIC DEPOSIT TO ANOTHER ACCOUNT - Money is transferred to another account the same business day BankMobile receives funds from CF. Typically, it takes one to two business days for the receiving bank to credit the money to your account.
2. ELECTRONIC DEPOSIT TO BANKMOBILE VIBE ACCOUNT - If you open a BankMobile Vibe account (upon identity verification), money is deposited the same business day BankMobile receives funds from CF.

To set up your BankMobile account and refund/disbursement selection:

- Log in to your student portal.
- Click the Finances tab.

- Scroll down to Refunds and click on the BankMobile logo.

If a refund is credited to your CF account, BankMobile will have it within three business days. The BankMobile student support phone number is 1-877-327-9515.

For noncredit classroom continuing education classes, refunds for live classroom courses will be given when a student requests to drop a course at least three business days before the course begins.

For noncredit online continuing education classes, refunds will be granted when a student requests to drop the course prior to accessing the online course or receiving and using associated course materials. Students may request a refund for all or a portion of the course after being granted access to the classes only if there are technical difficulties with the delivery of a course that are not resolved in a reasonable period of time or a refund extension period is published either in the noncredit schedule or online.

Campus based programs will be refunded using a pro-rated formula to comply with federal regulations defined in Reauthorization of the Higher Education Act.

Withdrawals and Repayment of Title IV Funds

A Return to Title IV (R2T4) calculation is required when a student does not attend all of the days the student was scheduled to complete within a payment period or period of enrollment. Students who do not complete their payment period are considered to have withdrawn whether or not any credits were earned. The R2T4 calculation is done to determine the amount of aid earned by the student.

Federal regulations require institutions to calculate the amount of federal financial aid a student earned if the student withdraws from all of his/her coursework in any given semester/term. In addition, at the end of a semester/term, if a student has not successfully completed any coursework, the institution must confirm that the student did attend the courses for which the student received financial aid.

When a student who receives a net disbursement of Title IV funds then ceases attendance prior to the 60 percent point in the payment period, CF will determine whether the student must repay a portion of the net disbursement. A statutory prorated schedule will be used to determine the percentage of Title IV funds the student has earned at the time of withdrawal. Federal Work Study funds are excluded from the calculation.

If a student withdraws after completing more than 60 percent of the semester/term, all Title IV aid is considered earned and the student does not owe a repayment. However, withdrawing may affect a student's satisfactory academic progress and eligibility for future financial aid.

Minimester Courses and Return to Title IV

A student who withdraws from a minimester course (A term or B term) within the semester is considered to be withdrawn, even if registered for future classes starting in the same semester, unless one of the following criteria is met:

- The student, at the time of withdrawal from a minimester class, is attending another class.
- The student has successfully completed course work in 49 percent of the countable days within the semester. Calculations cannot be rounded up to achieve 49 percent.
- The student has successfully completed courses that constitute half-time (6 credit hours) enrollment in the semester.
- The student has completed graduation requirements in a clock hour program.
- The student provides documentation to the college indicating the intent to attend a future class within that semester.

If none of these criteria are met, the student is considered withdrawn and a Return to Title IV calculation must be completed. If the student provides documentation but doesn't actually attend that future class, a Return to Title IV calculation is still required.

Return to Title IV Calculation

1. The amount of aid that must be returned is calculated using the last date of attendance as documented by faculty records (not student self-certification). The institution will determine the total number of calendar days completed in the payment period and the number of days the student was scheduled to complete in the payment period. Days attended are divided by the number of days scheduled to complete to determine that percentage completed. To determine the amount of aid earned, the percentage completed is multiplied by the total aid for which the student is eligible.
2. The institution will then determine the total institutional charges (tuition, fees, and books and supplies charged at the bookstore) and multiply the total institutional charges by the percentage determined in step 1 above in order to calculate the earned charges.

   The **institution** must return the amount of unearned aid, up to the maximum received, to each of the Title IV programs in the following order:

   Unsubsidized Federal Direct Loan
   Subsidized Federal Direct Loan
   Federal Direct PLUS Loan
   Federal Pell Grant
   Federal Supplemental Educational Opportunity Grant

3. The school determines the amount of unearned aid the student is responsible for returning by subtracting the amount returned by the school from the total amount which is unearned.

Example A: A student enrolled in 10 credit hours was awarded a $2,180 Pell Grant, a $1,691 Subsidized Federal Direct Loan and a $959 Unsubsidized Federal Direct Loan. The student officially withdrew from all courses after attending 52.3 percent of the semester. The student did not earn $813 of the unsubsidized

loan, so $813 was returned to the Federal Unsubsidized Direct Loan program and the student owes that amount to CF.

Example B: The student in example A does not withdraw from any courses, but stops attending class and receives an F in all courses. Based on the attendance report from the instructor, the student is determined to have attended 52.3 percent of the semester and has not earned $813 of the unsubsidized loan. As in the example above, the unearned funds are returned to the Federal Unsubsidized Direct Loan program and the student owes CF $813.

Example C: A student enrolled in 12 credit hours fails all courses in the semester (F, N or I grade). Attendance verification from the instructor shows that the student attended 83 percent of the semester. Because the student attended more than 60 percent of the semester, all Title IV funds are determined to be earned and no repayment is due.

Once the institution determines the amount the student owes, CF will notify the student via USPS mail. Funds that must be returned by the student to the loan programs can be paid in accordance with the normal loan repayment terms. For grant funds that must be repaid, the amount due from the student is limited to half of the total Title IV grant funds received by the student. A student has 45 days to make repayment and does not have to repay a grant overpayment of $50 or less. Unpaid balances may be reported to the National Student Loan Data System, and reported to the U. S. Department of Education for collection. *A student who owes an overpayment will be ineligible for further Title IV aid at any institution.*

Note: This policy is separate from the institutional refund policy. The student is responsible for paying any balances due to CF. See CF Financial Responsibility Agreement.

Detailed information on repayments is available in the Office of Financial Aid. These policies are subject to change by action of the Federal Student Aid.

Student Financial Aid

The primary purpose of financial aid is to provide assistance to students who have a demonstrated financial need as determined by an approved need-analysis system, or who show academic or special talent. Aid offers may come from any combination of grants, scholarships, loans or part-time employment. The financial aid offered to a student may be from federal, state, institutional or local funds. Students interested in applying for financial assistance should complete a Free Application for Federal Student Aid online at studentaid.gov.

Priority Dates. To be given full consideration for all aid programs, FAFSAs should be completed online and supporting documentation submitted prior to July 15 for the academic year that begins in the fall semester. If the student financial aid file is not complete by **July 15**, the student will be considered to be in a late applicant pool and should be prepared to pay all tuition and fees until an aid determination is made.

Student consumer information and other institutional aid applications are available in the Office of Financial Aid and the Enrollment Services Center at any of our campuses or centers. Questions concerning financial aid and scholarships should be addressed to the Office of Financial Aid.

A staff member who speaks Spanish is available to provide information and answer questions about financial aid at the College of Central Florida. Please call 352-873-5800.

Un miembro del equipo de trabajo que habla español está disponible para brindar información y respuestas a las preguntas sobre ayuda financiera en el College of Central Florida. Por favor llame al 352-873-5800.

General Eligibility Requirements

All financial aid is dependent upon the availability of federal, state, local and institutional resources. To be eligible for financial aid, a student must:

1. Be accepted as a degree-seeking student in an A.A., A.S, B.A.S. or B.S. degree program, or
2. Be accepted as a certificate-seeking student in an eligible College Credit Certificate or Career and Technical Certificate program. Students who are conditionally admitted to a degree or certificate program are not eligible for financial aid until all admissions criteria have been met and they are fully admitted to the program.
3. Make satisfactory academic progress for financial aid purposes.
4. Be a U.S. citizen, national or eligible non-citizen.
5. Enroll at least half-time (six credit hours) for most aid programs.
6. Not be in default on a prior student loan.
7. Not owe a repayment or overpayment of a federal grant.
8. Have a standard high school diploma or GED. If enrolling in higher education for the first time on or after July 1, 2012, in order to be eligible for federal student aid, the student must have either a high school diploma or a recognized equivalent (such as a General Educational Development certificate, GED, or have been home schooled).
9. As a college transfer student, upon admission to the college provide an official transcript from each previously attended institution. These are submitted to and evaluated by CF.

Students who have completed a degree program and who are taking prerequisite coursework for a subsequent program of study at CF can inquire at the Office of Financial Aid about eligibility criteria for a federal student loan.

Rights and Responsibilities of the Financial Aid Recipient

As a financial aid consumer, the student has the right to:

- Be informed about financial aid application procedures, cost of attendance, aid available and renewal requirements.
- Have confidential protection of the student's financial aid records. The contents of a financial aid file are maintained in accordance with the Family Educational Rights and Privacy Act.
- Request a review of decisions made by the College of Central Florida Financial Aid staff. A letter explaining the student's situation in detail should be submitted to the director of Financial Aid.

The student has the responsibility to:

- Complete applications correctly and on time.
- Read and understand all materials sent to the student from the Office of Financial Aid and other financial aid agencies by mail and electronic communication; keep copies of all forms and materials submitted.
- Know and comply with the rules governing aid program(s).
- Notify the Financial Aid Office of all financial assistance not listed on your aid notification as your offered assistance may have to be adjusted. Students will be responsible for any overpayment occurring as a result of receipt of outside resources.
- Comply with the provisions of any promissory notes and all other agreements that are signed.
- Register for the appropriate number of credits for the aid program and maintain Satisfactory Academic Progress.
- Register only for courses required for the student's current program of study.
- Request personal assistance if the student has questions or does not understand the information provided.
- View the student's financial aid status for up-to-date information on the Financial Aid Dashboard, which is accessed from the Financial Aid page of the MyCF student portal.

Financial Aid Application Instructions

At CF, a student must apply for financial aid for each academic year in which they attend school, as well as:

1. Be degree-seeking or certificate-seeking in an eligible program at CF.
2. Provide the Office of Enrollment Services with an official copy of the student's high school transcript or GED and, if the student is a college transfer student, provide an official copy of your transcript from each institution attended. Transfer course work must be evaluated before an award can be made.
3. After Oct. 1 each year, a student should complete the Free Application for Federal Student Aid and submit it to the federal processor. CF's federal school code is **001471**. In order for CF to process a student's financial aid, this school code must be included on the FAFSA. The student may submit the FAFSA online at studentaid.gov (allow at least two weeks for processing). Students who are submitting a FAFSA for the first time will need to create an account (FSA ID) at studentaid.gov prior to completing the FAFSA.
4. Research and apply for CF and other local and national scholarships.

Verification: Federal Student Aid requires that some applications be reviewed for accuracy through a process called verification. If a student is selected for this process, it will be specified on the FAFSA Submission Summary that is sent to the student from the federal processor. The student will also be notified by the college on Financial Aid Dashboard, which can be accessed from the MyCF student portal and through the mail or by email. If selected for this process the student will be required to turn in additional documentation. The student's financial aid file will not be considered complete and ready for verifying until all missing eligibility information has been received and processed. The student will not receive aid notification until verification is completed. This process can take from one to four weeks depending upon how quickly the student submits accurate and complete information and documents.

Federal eligibility matches:

The federal processor matches a student's name, date of birth and Social Security number with a variety of federal agencies. Agency matches are performed on the files of the Social Security Administration, Department of Homeland Security, Veterans Administration and the National Student Loan Data System. If any discrepancies or questions about a student's information occur, the student will be asked to provide additional documents or take additional action to confirm eligibility for federal assistance. The federal processor will notify the student on the FAFSA Submission Summary of the results of these matches and whether additional information is required in order for the student's application to be processed. The institution notifies the student by requesting documentation.

Please Financial Aid Dashboard on the Financial Aid tab of the MyCF Portal to view any required documents needed.

Determining Need for Financial Aid

After the student submits the FAFSA, Federal Student Aid will analyze the information provided on the FAFSA and send out a FAFSA Submission Summary. The FAFSA Submission Summary may request additional information and/or will assign a number called a Student Aid Index. The Student Aid Index (SAI) is an eligibility index number used to determine how much federal aid a student will receive. This number is not a dollar amount of aid eligibility or what your family is expected to provide. The SAI is calculated using information provided on the FAFSA. The calculation uses certain information from tax returns as well as net worth of assets. Dependent students must also help pay their educational costs from their resources, such as savings, prior-year income, benefits and/or employment.

The Financial Aid Office will use the SAI to determine the amount of financial assistance. Review the FAFSA Submission Summary and, if changes are necessary, the student should make

corrections electronically using the student's FSA ID at: https://studentaid.gov. The corrected FAFSA Submission Summary will be used to determine the student's award for the Federal Pell Grant and other need-based aid.

Average Cost of Attendance

Cost of attendance includes tuition and fees, books and supplies, housing, meals, transportation and personal items. A student's SAI and the resulting financial need are used to determine the student's eligibility for financial aid offers. The estimated expenses below are based on the average cost of most CF credit programs at 12 credit hours per semester for two semesters.

College Credit Coursework	
In-State Living with Parents	
Tuition/Fees*	$2,832
Books and Supplies	$1,700
Living Expenses	$1,269
Transportation	$3,024
Personal/Miscellaneous	$2,277
Total Budget	$11,102
In-State Living Away from Parents	
Tuition/Fees*	$2,832
Books and Supplies	$1,700
Living Expenses	$11,565
Transportation	$3,024
Personal/Miscellaneous	$2,277
Total Budget	$21,398
Out-of-State Living with Parents	
Tuition/Fees*	$10,632
Books and Supplies	$1,700
Living Expenses	$1,269
Transportation	$3,024
Personal/Miscellaneous	$2,277
Total Budget	$18,902
Out-of-State Living Away from Parents	
Tuition/Fees*	$10,632
Books and Supplies	$1,700
Living Expenses	$11,565
Transportation	$3,024
Personal/Miscellaneous	$2,277
Total Budget	$29,198

Vocational Coursework	
In-State Living with Parents	
Tuition/Fees*	$2,256
Books and Supplies	$1,700
Living Expenses	$1,269
Transportation	$3,024
Personal/Miscellaneous	$2,277
Total Budget	$10,526
In-State Living Away from Parents	
Tuition/Fees*	$2,256
Books and Supplies	$1,700
Living Expenses	$11,565
Transportation	$3,024
Personal/Miscellaneous	$2,277
Total Budget	$20,822
Out-of-State Living with Parents	
Tuition/Fees*	$8,688
Books and Supplies	$1,700
Living Expenses	$1,269
Transportation	$3,024
Personal/Miscellaneous	$2,277
Total Budget	$16,958
Out-of-State Living Away from Parents	
Tuition/Fees*	$8,688
Books and Supplies	$1,700
Living Expenses	$11,565
Transportation	$3,024
Personal/Miscellaneous	$2,277
Total Budget	$27,254

*Includes distance learning fees. Tuition and Fees are subject to change. Additional fees will apply for baccalaureate level courses.

Financial Aid Programs Available

Grants

Grants may be offered if a student is determined to have financial need based on the Free Application for Federal Student Aid. The grants listed below are administered by the CF Office of Financial Aid based on the guidelines set for each program by the provider.

Federal Pell Grant

This is a need-based federal grant program for students who are seeking an undergraduate degree and whose Student Aid Index is below the amount designated by the United States Department of Education or who meet other Pell Grant eligibility criteria set by Federal Student Aid. The annual Federal Pell Grant award amount is determined by the student's SAI, enrollment status and Pell eligibility status.

Initial aid offers are estimated based on full-time status (12 credit hours of fundable coursework) and on the evaluation of information submitted on the FAFSA. Estimates will change if any criteria used to determine the student's eligibility, such as program of study or area of interest, degree status, satisfactory academic progress, income or family information changes. Actual payment

will be determined based on enrollment in fundable coursework at the census date (please see the Definition of Census Date for clarification) listed in the College Calendar.

The amount paid to the student from the Federal Pell Grant listed in the student's aid notification will be prorated if the student enrolls for less than 12 credit hours in a given semester. **Student must begin attending all of their classes before disbursements of any funds are made. If the student's attendance is not confirmed for one or more classes, aid will be adjusted to the enrollment level of the fundable credit hours that have been confirmed. (See Attendance Policy)**

Federal Pell Grant aid may be used for the equivalent of three full-time semesters each academic year.

Federal Pell Grant Program - Duration of Eligibility

Students may receive a Federal Pell Grant for up to 600 percent of their lifetime eligibility. Attending full-time for two semesters utilizes 100% of this eligibility. Students who attend full-time in fall, spring and summer with the availability of year-round Pell will utilize 150% of their lifetime eligibility. If a student has met or exceeded the 600% maximum, the student will lose eligibility for additional Federal Pell Grants. Equivalences are calculated by adding together the percentage of a student's Pell eligibility that is received each year to determine whether the total amount meets or exceeds 600%. Students may view their Federal Pell Grant usage at studentaid.gov.

Federal Supplemental Educational Opportunity Grant

The FSEOG is a need-based federal grant offered to students seeking an undergraduate degree in an eligible program who have exceptional financial need, enroll in at least six fundable credit hours and are eligible for Federal Pell grants. Limited funding is available in this program, and funding is offered on a first-come, first-served basis.

Initial aid offered is estimated based on the results of the FAFSA. Estimates may change if any criteria used to determine eligibility, such as program of study or area of interest, fundable coursework, degree status, satisfactory academic progress, income or family contribution changes. Actual payment will be determined based on enrollment at the census date (please see the Definition of Census Date for clarification) listed in the College Calendar.

The amount actually paid to the student from the FSEOG will be prorated if the student enrolls for three-quarter time or half time in a given semester. The student must begin attending all classes before disbursement of any funds are made. If attendance is not confirmed for one or more classes, the aid offer will be adjusted to the enrollment level of the fundable credit hours that have been confirmed or nullified. (See Attendance Policy)

Federal Iraq Afghanistan Service Grant

The Federal IASG Grant was retired at the end of the 2023-2024 school year. Students who answer "yes" to the 2025-2026 FAFSA question "Parent Killed in Line of Duty" may be eligible to receive the maximum Pell grant under a Special Rule in the Higher Education Act, Section 401(c). To qualify a student must be:

- The child of a parent or guardian who died in the line of duty while (a) serving on active duty as a member of the Armed Forces on or after September 11, 2001; or (b) actively serving as and performing the duties of a public safety officer; and
- Less than 33 years old as of the January 1 prior to the award year for which the applicant is applying (e.g., for the 2025-2026 award year, a student must be less than 33 years old as of January 1, 2025).

Students who indicate that their parent died in the line of duty on the 2025-2026 FAFSA will receive notification regarding documentation our office requires to determine if they qualify for the Pell grant under the Special Rule.

Florida Student Assistance Grant

FSAG is a need-based grant for students who meet Florida residency requirements and are enrolled at least half time. To qualify, a student must have exceptional need, be seeking a first undergraduate degree, enroll in an associate or baccalaureate degree program and meet Federal Pell Grant eligibility requirements. A student is eligible for aid for 110% of the number of credit hours required to complete the program in which enrolled. The offered amount varies per year for a full-time student and is prorated based on enrollment status. Limited funding is available in this program, and funding is offered on a first-come, first-served basis.

Initial aid offers are estimated based on the results of the FAFSA. Estimates will change if any criteria used to determine eligibility, such as residency, program of study or area of interest, fundable coursework, degree status, satisfactory progress, income or family information changes. Actual payment will be determined based on enrollment at the census date (please see the Definition of Census Date for clarification) listed in the College Calendar.

FSAG is available for fall and spring semesters only.

For additional details and regulations, including renewal criteria for prior grant recipients, visit www.floridastudentfinancialaid.org.

FSAG-CE

The Florida Public Postsecondary Career Education Student Assistance Grant is a need-based grant for eligible Florida residents enrolled at least half-time in a credit certificate or vocational certificate program. A student is eligible for the award for 110% of the number of clock hours required to complete the program in which enrolled. Priority is given to early applicants. Aid amounts vary depending on each student's need and enrollment level. This program has very limited funding. The grant will be offered on a first-come, first-served basis.

For more information about this grant, please visit www.floridastudentfinancialaid.org.

College of Central Florida and CF Foundation Scholarships and Talent Grants

Students who receive a CF need-based scholarship or talent/merit grant must complete a Free Application for Federal Student Aid for the academic year in which the scholarship is offered. Students are able to apply for foundation endowed scholarships by completing a scholarship application available on the Financial Aid tab of the MyCF student portal. The application will be kept on file and matched to specific endowed scholarships as they are made available. Reference materials with information about scholarship funds are available in the Enrollment Services Center at the Ocala, Citrus and Levy campuses, and on the CF website (refer to CF.edu/scholarships).

CF has a scholarship application priority deadline of June 1. Applications will be accepted after that date but aid offers may be reduced for applications received after the priority deadline.

Talent Grants: CF and the CF Foundation provide a number of talent grants each year for participation in campus activities. A student must enroll at least half time in order to receive a talent grant, but preference may be given to students enrolled full time. Talent grant recipients are recommended to the Office of Financial Aid by the appropriate department head or program advisor. Talent grants are provided in athletics, drama, music, theatre, publications, Student Activities Board, Student Ambassadors, Brain Bowl, forensics and more. Learn more at CF.edu/studentlife.

CF Admissions Scholarship: CF has established scholarships that will be offered to seniors in high school in Citrus, Levy and Marion counties. Attempts will be made to offer scholarships to students from every high school (if funding permits). Recommendations for these scholarships should be made by the high school principals or their designees to the director of Admissions and Student Recruitment by the announced spring deadline. Each scholarship is offered over a two-semester fall/spring period commencing after high school graduation. The student must enroll in at least six credit hours in order to receive the scholarship.

Community of Scholars Scholarship: CF has established scholarships for eligible students in the Honors Institute. Eligible students must meet the requirements to participate in the Honors Institute. Recommendations for scholarship offers are made by the program advisor to the Office of Financial Aid. See Honors Programs for additional information about the Honors Institute.

Other scholarships may be available depending on funding. Students who complete the CF Scholarship application will be considered for all available scholarships.

Institutional Need Grant

The CF Institutional Need Grant is a need-based grant for students who meet Florida residency requirements and are enrolled in an eligible degree or certificate program. To qualify, students must have financial need as demonstrated by completing the FAFSA. The offered amount must be used only for tuition, fees and books. Funding is limited for this program.

Career and Technical Certificate Grant

The Career and Technical Certificate Grant is a need-based grant for students who meet Florida residency requirements and are enrolled in an eligible Career and Technical certificate program. To qualify, the student must have completed the Free Application for Federal Student Aid. The offered amount is applied only to tuition and fees. Priority is given to students who apply early. Limited funding is available in this program, and funding is offered on a first-come, first-served basis.

Florida Bright Futures Scholarship Program

This is a state scholarship offered to Florida high school graduates who demonstrate high academic achievement. Florida Bright Futures funds are issued by the state of Florida directly to the eligible institution.

Applications, eligibility criteria and renewal criteria are available at high school guidance counselor offices or from the Florida Department of Education website at: www.floridastudentfinancialaid.org.

In order to receive funding for a Florida Bright Futures scholarship, a student must:

- be a Florida resident and a U.S. citizen or eligible noncitizen,
- be enrolled as a degree/certificate seeking student,
- enroll in a minimum of six semester (nine quarters or the equivalent in clock) hours per semester by the end of the school's drop/add period,
- not owe a repayment or be in default under any state or federal grant, loan or scholarship program.

Bright Futures scholarships are available for fall and spring semesters. Bright Futures awards for summer courses, as well as for other educational expenses, are dependent on the Bright Futures award level and may change from year to year based on funding from the Florida Department of Education. For the most current funding information, consult the Bright Futures website at: www.floridastudentfinancialaid.org.

CF receives electronic notification about eligible CF student scholars from the Florida Department of Education and includes the scholarship in their aid offer. Actual payment depends upon the program regulations and the amount of tuition and fees assessed for the semester. After the end of the drop/add period, funds are either applied to the student's account at the institution or returned to the student via the refund preferences on file with BankMobile.

Please note: Bright Futures does not cover remedial classes (prep coursework) and these credit hours are not included in the minimum requirement of hours per semester.

Each Bright Futures level has different academic criteria for eligibility. A student may receive only one scholarship:

Academic Top Scholars: The high school senior with the highest academic ranking in each county shall receive a predetermined scholarship amount per credit hour per semester, in addition to the Florida Academic Scholars Award, prorated by semester and hours.

Florida Academic Scholars: Pays 100% of tuition and applicable fees.

Florida Medallion Scholarship: Pays 100% of tuition and applicable fees for students in Associate in Arts and Associate in Science programs. Pays 75% of tuition and applicable fees for all other programs.

Florida Gold Seal CAPE Scholars: Pays per credit of tuition and applicable vocational clock hour of program tuition. Recipients can use the funds toward an Applied Technology Diploma, career certificate program or a technical degree program (Associate of Applied Science degree or Associate of Science degree). A recipient of a Gold Seal CAPE scholarship who completes a technical degree program may also receive additional funding for up to 60 credit hours toward an eligible Bachelor of Science degree or a Bachelor of Applied Science degree program.

Florida Gold Seal Vocational Scholars Award: Pays per credit hour of vocation program tuition. Students may be funded for up to the maximum hours of their program of study in Career Educational Programs. These include Associate in Science degrees, Associate in Applied Science degrees, and College Credit Certificates, Career Certificates or Diplomas (also referred to as Career and Technical Certificates/CTC).

Dropped or Withdrawn Hours: Students will be required to repay the college the cost of any course/hours dropped or withdrawn unless an exception is recommended by the home postsecondary institution.

- A Bright Futures student who drops or withdraws from course hours that were funded by Bright Futures after the last day of the add/drop period will be responsible for reimbursing the postsecondary institution for the cost of course(s) dropped or withdrawn.
- A student may make a written appeal, however, for hours dropped or withdrawn (due to verifiable illness or emergency) after the last day of the add/drop period. CF will make an appeal recommendation for a repayment exception to the Florida Department of Education. A recommendation for an exception is based on received documentation of a verifiable illness or emergency beyond the student's control.
- The Florida Department of Education may accept or deny the postsecondary institution's recommendation for repayment exception. Nonrefunded hours may affect the student's renewal eligibility.
- For first-year students, summer grades and hours earned after spring evaluation may be used if necessary to meet the scholarship renewal requirements of GPA improvement. A student must ask a financial aid specialist to submit a grade and hours update to the Florida Office of Student Financial Assistance (OSFA) indicating any adjusted postsecondary institutional cumulative GPA.

Repayment calculations are based on the current Bright Futures amount per credit hour. For information regarding current scholarship requirements and funding amounts, go to http://www.floridastudentfinancialaid.org/SSFAD/bf/bfmain.htm.

Other Scholarships Offered by the Florida Department of Education

The Florida Department of Education offers a number of scholarships for Florida residents. Learn more at www.floridastudentfinancialaid.org.

Outside Private Scholarships

Many clubs and community organizations offer scholarships to college students. Students can obtain information about these offers from high school guidance counselor offices, libraries or from free internet scholarship search services such as www.fastweb.com. Employers sometimes provide educational assistance plans for their employees and/or their dependents.

Employment

Students may be offered work-study as part of the overall financial aid offer in their aid notification letter; however, if work-study was not offered, the student may wish to inquire about eligibility by visiting the Office of Financial Aid.

Federal Work-Study

This is a federal work program for students with financial need. Students may be employed at a CF campus or in a community service position and be paid the Florida minimum wage amount. Students must be enrolled at least six fundable credit hours and meet Standards of Satisfactory Academic Progress. Students typically work an average 10 to 15 hours a week.

Florida Work Experience Program

This is a state work program for students with financial need. Students may be employed at a CF campus or in a community service position. Students must be a Florida resident, enrolled at least half-time and meet Standards of Satisfactory Academic Progress. Students typically work an average 10 to 15 hours a week.

Other Employment

Other limited, institutionally funded employment opportunities may be available for students who are enrolled at least half time. Students do not necessarily have to demonstrate financial need; however, all students who are eligible to complete a FAFSA must do so prior to placement in this program to determine their employment program status.

Federal Direct Loan Program

CF students are eligible to participate in the Federal Direct Loan Program, including the Direct Subsidized Loan, the Direct Unsubsidized Loan and the Parent Loan for Undergraduate Students, PLUS.

Applicants must apply by completing the Free Application for Federal Student Aid, FAFSA. All borrowers must complete a **Master Promissory Note** before their loan can be processed. This can be done online at studentaid.gov/mpn/.

First-time borrowers at CF must complete **Entrance Counseling** in order to receive a Federal Direct Student Loan. Loans will not be processed until entrance counseling is completed. This can be done online at studentaid.gov/entrance-counseling. The Entrance Counseling will provide important information regarding the loan, including deferment and repayment information.

To receive any loan, the student must enroll in at least six fundable credit hours each semester, meet Standards of Satisfactory Academic Progress, and not have a previously defaulted loan(s). First-time borrowers are subject to a 30-day delay of their first loan disbursement.

In order to be eligible for in-school deferment, the student must enroll in at least six credit hours (not including summer). Once the student has stopped attending at least six credit hours, the six-month grace period begins and the student must complete exit counseling (also a requirement). Further information on in-school deferment is available at studentaid.gov. Exit counseling may be done online at studentaid.gov/exit-counseling. Exit counseling will give important information about repaying loan(s) and options that are available should there be a problem with the terms of the loan(s).

Note: If the student has defaulted (failed to make payments) on a prior student loan at any institution or has excessive loan debt, CF reserves the right to refuse to certify additional student loans.

Loan Limits

Loan Amounts: The annual loan amount will be disbursed in two equal payments over two semesters. If the student will only attend one semester, the student may be entitled to half of the annual loan amount. A one-term loan will be prorated based on enrollment status and disbursed in two payments. Loan disbursements will begin each semester after attendance has been confirmed in a minimum of six fundable credit hours. For some students, this means that loans will not disburse until after the B term attendance has been noted.

In addition to annual loan limits, students are subject to aggregate loan limits. The maximum undergraduate dependent student aggregate borrowing is $31,000 (up to $23,000 may be subsidized) and the maximum undergraduate independent student aggregate borrowing is $57,500 (up to $23,000 may be subsidized).

Loan proration is a reduction of the standard annual loan limit for an undergraduate student. Proration of the loan amount is required if the student's program, or the remainder of the student's program, is less than a full academic year (24 credits) in length.

Example maximum loan amounts:

	Maximum Fall Loan Amount	**Maximum Spring Loan Amount**
Dependent Student who has completed less than 30 credit hours toward current program of study	$1,750 Subsidized $1,000 Unsubsidized	$1,750 Subsidized $1,000 Unsubsidized
Dependent Student who is enrolled and has completed 30 or more credit hours toward current two-year program	$2,250 Subsidized $1,000 Unsubsidized	$2,250 Subsidized $1,000 Unsubsidized
Dependent Student who is enrolled and has completed 60 or more credit hours toward current bachelor's program	$2,750 Subsidized $1,000 Unsubsidized	$2,750 Subsidized $1,000 Unsubsidized
Independent Student who has completed less than 30 credit hours toward current program of study	$1,750 Subsidized $3,000 Unsubsidized	$1,750 Subsidized $3,000 Unsubsidized
Independent Student who is enrolled and has completed 30 or more credit hours toward current two-year program	$2,250 Subsidized $3,000 Unsubsidized	$2,250 Subsidized $3,000 Unsubsidized
Independent Student who is enrolled and has completed 60 or more credit hours toward current bachelor's program	$2,750 Subsidized $3,500 Unsubsidized	$2,750 Subsidized $3,500 Unsubsidized
Independent Student who is graduating in fall with a two-year degree (amounts will be pro-rated upon enrollment)	$2,250 Subsidized $3,000 Unsubsidized	0

Expected enrollment status: Students must maintain enrollment of at least six fundable credit hours for each semester of the loan period. The most common loan period is fall/spring. If the student's loan period does not include summer, he or she may take the summer off without penalty. If the loan is canceled or enrollment drops below half time, exit counseling is required and a one-time grace period may be used.

Loan Process: Loans will be offered and students must accept, reduce or decline the loans. If the student does not take action, loans may be canceled.

Please note: Borrowing money for college is a serious financial obligation. In addition to principal borrowed, interest is charged for the student's use of the funds. Students should carefully consider the amount of debt incurred, and we strongly advise against double borrowing (multiple loan types - subsidized and unsubsidized). First-time borrowers at CF must complete a Master Promissory Note and a loan entrance counseling session before any loan funds are disbursed.

Master Promissory Notes, Loan Entrance Counseling, and Loan Exit Counseling are available at www.studentaid.gov. A student's complete aid history is available at nslds.ed.gov.

Direct Subsidized Loan

This loan is a federally funded loan provided to students through the U.S. Department of Education. This loan requires unmet financial need. The federal government will subsidize the interest while the student is enrolled in at least six fundable credit hours. The student must repay the loan plus a variable or fixed rate of interest beginning six months after leaving the school or dropping to less than half-time status.

Direct Unsubsidized Loan

This is a federally funded loan that is provided to students through the U.S. Department of Education. This loan does NOT require unmet financial need; however, the student still must complete the FAFSA. The student must be enrolled at six fundable credit hours and is responsible for the interest while the loan is in deferment and during the six-month grace period. The student may pay the interest while in school or may contact the loan servicing center to request that the interest be deferred until the time of repayment.

Parent Loan for Undergraduate Students (PLUS)

Parents of dependent students may borrow on behalf of their children. The student must first apply for aid by completing the FAFSA. Parents must also apply at studentaid.gov.
The student must be enrolled in at least six fundable credit hours and meeting standards of Satisfactory Academic Progress. Loan amounts must not exceed the cost of education less other financial aid.

Repaying Student Loans

After a student graduates, leaves school or drops below half-time (six fundable credit hours) enrollment, the student will have six months of grace period before repayment begins. Direct PLUS loans do not have a grace period and must begin repayment within 60 days after the loan is fully disbursed. There is a choice of repayment plans. Monthly payments will depend on the size of the debt and the length of the repayment period. The chart below includes examples of monthly payments for different loan amounts. For more information about repaying direct student loans, go to studentaid.gov.

Direct Loan Example One	
Amount:	$3,500
Interest Rate:	6.0%
Monthly Payment:	$50
Total Interest in Repayment:	$818.59
Total Paid:	$4,318.59
Total Months	87
Direct Loan Example Two	
Amount:	$5,500
Interest Rate:	6.8%
Monthly Payment:	$51.79
Total Interest in Repayment:	$1,714.80
Total Paid:	$6,214.80
Total Months:	120
Direct Loan Example Three	
Amount:	$9,500
Interest Rate:	6.8%
Monthly Payment:	$109.33
Total Interest in Repayment:	$3,619.60
Total Paid:	$13,119.60
Total Months:	120
PLUS Loan Example One	
Amount:	$5,000
Interest Rate:	7.9%
Monthly Payment:	$60.40
Total Interest in Repayment:	$2,248
Total Paid:	$7,248
Total Months:	120
PLUS Loan Example Two	
Amount:	$11,000
Interest Rate:	7.9%
Monthly Payment:	$132.88
Total Interest in Repayment:	$4,945.60
Total Paid:	$16,945.60
Total Months:	120

Payment of Financial Aid

Financial aid offer amounts may be adjusted based on the student's enrollment status as determined by fundable coursework and terms of attendance. Students enrolling in A, B, and/or C semesters must register for all classes up front for the entire semester in order to have all hours included in their enrollment status for federal and state grant purposes. Students registering for A, B and/or C semesters who enroll in additional courses after the census date cannot have their enrollment status changed to include those hours. Also, students attending courses in only the A term or B term may see their aid adjusted to reflect a lower cost of attendance. All students should refer to the college calendar for these important dates. A financial aid recipient must be meeting all eligibility requirements at the time of disbursement.

Fees, books, VA deferments and/or promissory notes outstanding at the time payment is made will be deducted from the financial aid payment. If a balance is available, a refund will be issued by BankMobile Disbursements. Visit https://www.cf.edu/admissions/paying-for-college/student-accounts for additional information.

If receiving a financial aid disbursement after the semester is completed, aid eligibility is dependent on the courses completed, as well as the requirements determined by the funding sources.

Academic Activity

CF requires faculty to take attendance during the first two weeks of classes and confirm the student has engaged in academic activity. Academic engagement is defined as active participation by a student in an instructional activity related to the student's course of study that includes but is not limited to:

- Attending a synchronous class, lecture, recitation, or field or laboratory activity, physically or online, where there is an opportunity for interaction between the instructor and students
- Submission of an academic assignment
- Taking an assessment or an exam
- Participating in an interactive tutorial, webinar or other interactive computer-assisted instruction
- Participating in a study group, group project, or an online discussion that is assigned by the institution
- Interacting with an instructor about academic matters

Students reported as not attending will have their financial assistance adjusted based on the enrollment status of attended courses. (See Attendance Policy)

Note: This policy is separate from the institutional refund policy. The student is responsible for paying any balances due to CF.

Detailed information on repayments is available in the Office of Financial Aid. These policies are subject to change by action of the United States Department of Education.

Definition of Award Year

For credit hour programs, the financial aid year starts in the beginning of the fall semester and continues to the end of the summer semester. CTC/Clock hour year definitions are determined by individual program cohorts. The Federal Work-Study award year begins July 1 and ends June 30.

Definition of Census Date/Pell Recalculation Date

The census date, or Pell recalculation date, occurs within five business days after the end of the A/C add/drop period. At that time, enrollment levels are fixed to match fundable coursework. Students enrolling in A, B and/or C sessions should **register for all classes up front for the entire semester** in order to have all credits included in their financial aid eligibility. Students registering for A, B and/or C sessions who adjust their schedule after the census date recalculation process will not have the additional enrollment added to their financial aid eligibility for the purpose of qualifying for federal and state grants. Please keep this in mind when scheduling your classes each semester. NOTE: Students registering for B session only may add classes up to the last date of the add/drop period for the B session. See the college calendar at https://mycf.cf.edu/ICS/Calendars for these and other important dates.

Satisfactory Academic Progress for Financial Aid Purposes (Required for Federal Title IV Aid, State Aid and Institutional Aid)

All students receiving any type of federal, state and institutional aid must meet the standards of academic progress outlined below. The requirements for these standards are set by federal regulations (34CFR Sections 668.16(e), 668.32(f), 668.34). Satisfactory academic progress requirements are:

- Students must maintain at least a 2.0 grade point average (GPA), and;
- Students must successfully complete at least 67% of all CF credits taken including transfer courses accepted by the institution (measures the pace of progress toward completion), and;
- Students may attempt no more than 150% of the total credit hours in their degree or certificate program.

How are the above calculations made?

If students attended other colleges, the attempted courses that are accepted as transfer credit by the College of Central Florida will be considered in the evaluation of academic progress. For financial aid purposes, being enrolled in a course for credit beyond the official drop/refund deadline counts as an attempt. Attempts include withdrawals and nonattendance (student is enrolled and fails to attend class.) All successfully completed transfer courses accepted and courses taken at the College of Central Florida, including those taken as part of another program of study, will be included in determining a student's Satisfactory Academic Progress. For financial aid purposes, successful completion of a course means an earned grade of A, B+, B, C+, C, D, SP or S. All other grades (grades of F, I, W, and N) are considered unsuccessful completions and will impact a student's progress determination. If a grade change occurs after the SAP status has been evaluated, it is the student's responsibility to contact the Office of Financial Aid to determine if it changes eligibility for financial assistance.

GPA: Students must be in satisfactory academic standing consistent with the institution's requirements for graduation; therefore, they must have a minimum of a 2.0 GPA in both the cumulative GPA and the CF GPA.

Completion Ratio: The completion ratio is defined as the rate at which students are progressing through their program of study. It is calculated by dividing the cumulative number of credit hours they have successfully completed by the cumulative number of credit hours they have attempted. The resulting percentage must be 67% or greater (66.5% or higher may be rounded to 67.) In the event of Academic Grade Forgiveness, the course would be counted as an attempt each time the student attempted the course and counted as a completion once.

Maximum Time Frame: Students must complete their degree or certificate within 150% of their program length. Coursework beyond the 150% timeframe is referred to as excess hours. The maximum time frame includes all attempted credit hours, excluding remedial hours, and compares the number of attempts to the number completed. If students have attempted 150% of the hours needed for their current declared program (e.g., 90 hours for an associate's degree, 180 hours for a bachelor's degree, etc.) they will no longer be eligible for financial aid. In addition, when it becomes mathematically impossible for a student to complete the program within 150 percent of the maximum program length, the student is not meeting Satisfactory Academic Progress.

When does the College of Central Florida evaluate a student for SAP?

Satisfactory Academic Progress will be evaluated when a FAFSA is received by the College of Central Florida each academic year and at the end of every term. The financial aid standards of progress apply to all semesters or enrollment periods regardless of whether a student received financial aid during a given semester, payment period, or enrollment period.

What happens if the student is not meeting SAP?

Failure to meet the minimum standards of progress will result in one of the following actions:

Financial Aid Warning: This occurs at the end of the semester/payment period for which satisfactory progress is measured and a student fails to meet all of the measurements outlined above. Students in this status continue to receive financial aid without penalty for one semester.

Financial Aid Suspension: This occurs at the end of the subsequent semester/payment period of enrollment for which satisfactory progress is measured and the student failed to meet the minimum standards. A student suspended from aid for not meeting standards of progress may submit an appeal to be considered for future eligibility. (See appeal guidelines below).

Financial Aid Probation: This status occurs when a student submits an appeal and the appeal is approved. The student will receive aid during the probationary period. If the student does not meet the standards of Satisfactory Academic Progress after the probationary term or does not earn a C or better grade in all attempted courses while on probation, he or she will be placed on Financial Aid Suspension. Students on suspension may continue to enroll and attend classes as long as all tuition/fees and any other charges are paid in full.

Financial Aid Academic Improvement Plan: If a student's appeal has been granted and it is not possible to meet the minimum standards at the end of the probationary term, the student will remain on probation provided the student completes all of their attempted credits in a given term with a C or better. A student will not be required to submit a new or subsequent appeal if they are meeting the conditions of probation. Academic plans are available to students at CF.edu/AcademicPathways.

Financial Aid Academic Improvement Agreement: In some extenuating circumstances, students may be placed on an Academic Improvement Agreement. Students in this status may be assigned a variety of interventions (i.e., mandatory tutoring, reduced course load, less online coursework, meetings with student support specialists, etc.) and will be able to receive financial assistance as long as they meet the conditions of their Financial Aid Academic Improvement Agreement (FAAIA) each term. The Financial Aid Academic Improvement Agreement is designed to ensure that the student will be meeting SAP or graduating by a specific point in time. Although each plan is reviewed at the end of every term, the plan itself may be in effect for multiple terms. Students who fail to meet the conditions of their FAAIA will not be eligible for future appeals unless profound mitigating circumstances existed during the period of enrollment the student was on the FAAIA.

Readmitted Students: If a student is returning to CF after a lapse in enrollment and must be readmitted, the student's SAP status will be assessed when a FAFSA is received or after the first completed term of enrollment (whichever is first). For students who are not meeting SAP standards, the assigned SAP status will be the SAP end-of-term status after the last semester of previous enrollment. For example, a student who was in a Financial Aid Warning status after the end-of-term evaluation after their last semester of enrollment will begin the first period of re-enrollment in a Financial Aid Warning status. Students who do not have a SAP status on record and who are not meeting standards upon readmission will be placed in a Financial Aid Suspension status.

Can the student appeal the SAP suspension?

Students have the right to appeal a financial aid suspension if they had extenuating circumstances beyond their control which affected their ability to meet the satisfactory progress requirements. The appeal must include an explanation of why the student failed to make satisfactory progress and what has changed in the student's situation that will allow the student to complete coursework successfully in the future. Appeal forms are available on the Financial Aid tab on the student portal under Financial Aid Forms. For best results, the appeal request should be submitted to Financial Aid no later than 30 days before the end of the term. The Financial Aid office will communicate its final decision to each student on the student portal and in writing or by email.

Extenuating circumstances beyond a student's control include, but are not limited to:

- Student's illness/injury of death of a relative of the student
- Personal tragedy or natural disaster
- Involuntary call to active duty
- Domestic violence
- Change in program of study (for maximum timeframe appeals)
- Other mitigating circumstances

If a student does not appeal or the appeal is denied, the student will remain in Financial Aid Suspension. If a student submits an

appeal request and the appeal is granted, the student will be placed on probation for the next semester that he or she enrolls in classes. Students will be eligible for financial aid for the probationary period provided all eligibility and compliances have been met for their chosen academic programs. If students do not meet SAP requirements during their probation semester, they will be placed back on suspension and will not be eligible for further financial aid at the College of Central Florida until SAP standards have been met.

Documentation

Documentation should be kept to the minimum amount needed to provide sufficient proof of what is written in an appeal. CF reserves the right to require a student to reduce the number of pages if there is an abundance of documentation not needed for an approval.

Documentation includes, but is not limited to:

- Statement of explanation from student (required).
- Letter from a physician or counselor on letterhead indicating the dates a student was under their care.
- Copy of a death certificate, obituary or third party documentation of death.
- Accident reports, police records, court records, etc.

Do not submit original documents - they will not be returned. Copies should be legible.

Letters from family, relatives, and friends are not recommended. If this is the only information that can be provided, students may submit it but it may be considered insufficient to grant the appeal.

Appeals submitted without a letter of explanation will be denied or returned without review. Additional documentation may be requested after review.

Submission of an appeal DOES NOT GUARANTEE approval.

Reinstatement

If a student is placed on Financial Aid Suspension, eligibility may be regained when they are meeting the minimum Satisfactory Academic Progress Standards outlined above. Students will be made aware of meeting standards by viewing their status on the MyCF portal. It is best to contact the Financial Aid Office to determine next steps if the student was previously suspended but later became eligible.

Remedial, English as a Second Language, Incompletes, Repeated Courses, Transient Courses

Remedial and English as a Second Language (ESL) Credit Hours: All attempts of Remedial and ESL credit hours attempted are included in the Financial Aid GPA and in the pace of completion; however, they are excluded from the determination of maximum time frame.

Financial aid only will pay up to 30 remedial credit hours. Example: Student previously attempted 31 remedial credit hours in prior terms. Student is currently enrolled in 12 credits, of which 6 are remedial and 6 are college-level. The student's financial aid will be awarded based on the six college-level credit hours.

Incomplete Courses: An "I" grade will be considered an "F" during the Satisfactory Academic Progress evaluation. If the student is not meeting standards and the "I" grade has been changed to a successful grade, the student must request their minimum standards be reevaluated during the following semester of enrollment.

Repeat Courses: Students will be eligible for financial aid if they repeat courses they previously did not pass, provided other SAP criteria are met. If the student takes a class for the first time and fails it, the student may retake the class using financial aid. There are however, instances where a student cannot use financial aid to cover a course that is being repeated. The following examples illustrate how this is determined:

Example 1: A student takes MAT 1033 and fails the course. The student retakes the course to get a passing grade. The student uses financial aid to cover the cost of the course. If the student then fails the course again, the student can again retake the course and use financial aid to cover the cost. There is no limit on how many times a student can retake the course using financial aid as long as the student has not received a passing grade, providing satisfactory academic progress requirements are met.

Example 2: A student takes MAT 1033 and gets a D in the class, which is passing by the U.S. Department of Education standards. The student wants to improve the grade and retakes the class. The student can use financial aid to cover retaking the class. Unfortunately, the student does not improve the grade in the class, but instead fails the class. The student cannot retake the class using financial aid, due to the fact that he or she has already received a passing grade for the class. In this situation, the student is limited to retaking the class one time using financial aid.

It is important to check with the Financial Aid Office regarding Satisfactory Academic Progress requirements and the impact of repeat coursework and completion rates on financial aid eligibility. It is also important to know that in addition to the Federal guidelines on repeating coursework, CF's Enrollment Services Office has internal policies which govern a student's ability to retake courses. Students should check with their academic advisor on how the repeat coursework may impact their specific situation.

Transient: Courses funded through a consortium agreement for transient students are included in determining academic progress.

Career and Technical Certificate Programs (CTC)

Students in CTC programs must successfully complete the clock hour coursework with a 2.0 GPA for each course funded before additional payment can be made.

Students will only be funded for the published length of the program.

Students must complete their program of study within 150% of the published length of the program.

College Preparatory (Remedial) Courses

Recommended college preparatory coursework can be counted in the student's enrollment for financial aid purposes. However, once a student has attempted 30 hours of preparatory coursework, the student is not eligible for aid for any additional preparatory coursework. If a student takes additional preparatory credit hours, the student will not receive aid for those credit hours and those hours will not be included in the determination of enrollment for financial aid purposes.

ESL credit hours can be counted in the student's enrollment for financial aid purposes, but are not subject to the 30 hour limit. EAP 0300C is not eligible for financial aid.

Eligible/ Fundable Coursework and Repeat Coursework

Fundable, or eligible, coursework is coursework that is required to complete a student's current program of study. Attempted coursework not required for a student's current program of study will impact a student's enrollment status and aid eligibility. Students may not receive financial aid for coursework that is not required for their major and/or not among approved electives for their current program of study. If a student is taking coursework not required for their program of study, the student's enrollment status will be adjusted for aid purposes. Independent study courses are not eligible for federal financial aid.

Fundable coursework for a given semester will be evaluated on the A/C census date (see definition of census date) of that semester. If a student is enrolled only in B term courses, fundable coursework will be evaluated on the B term census date.

Students may only receive federal financial aid funding for one additional attempt of a previously passed course. If a student fails a course, federal financial aid funding may be available for additional attempts until a grade is received, at which time the student has one additional attempt. Any repeated course(s), including the original attempt, must be counted toward maximum time frame and hours completion ratio requirements for Satisfactory Academic Progress purposes, which can impact a student's financial aid eligibility.

In addition to the federal guidelines on repeating coursework, CF's Enrollment Services Office has internal policies which govern a student's ability to retake courses. Students should check with their academic advisor on how the repeat coursework may impact their specific situation

Purchasing Textbooks with Financial Aid

If a student has been offered aid for a semester and is enrolled in courses for that same term, the student may be able to charge the cost of their textbooks against their pending financial aid. Students should log in to the MyCF student portal and select the Financial Aid tab to determine if they meet the guidelines for charging textbooks. Book charge dates for each term are also available on MyCF.

The following guidelines apply to charging textbooks:

- The student must be registered for classes in the term for which aid has been offered
- The student must have enough financial aid offered to cover outstanding financial obligations to the college (tuition, etc.) and have enough remaining to cover the cost of books.

Students must submit a one-time authorization to have CF deduct payments from Financial Aid for all non-tuition and fee charges. This includes books, course materials and supplies charged at the campus bookstore. Financial Aid recipients will be prompted on MyCF to authorize their book charges. Students are not required to submit the authorization. However, if they do not submit one, they will not be eligible to charge towards their Financial Aid at the campus bookstore. The authorization will remain in effect for the duration of the students' enrollment at CF. Once a student has authorized charging, if a student wishes to unselect financial aid charging, they must contact the Financial Aid Office.

Students will be limited to only charging textbooks and required materials against their financial aid. There are limitations to what is allowed to be charged. Allowable items include textbooks, rental of textbooks, supplies, and required digital materials. Students will not be permitted to charge non-essential items including, but not limited to, clothing, food, drinks, and convenience items.

When charging books, the student is responsible for payment of the books. If, for any reason, the student does not receive financial aid, any unpaid bookstore charge owed to the college is subject to being turned over to outside collection agencies and the credit bureau. Additional collection costs owed to the collection agencies are the student's responsibility. (See Financial Responsibility Agreement)

Transient Students

Students Who Are Admitted and Degree Seeking at the College of Central Florida and Attending a Host Institution (CF is Considered the Home Institution):

Transient students who wish to attend another Florida public institution for a particular term are eligible to receive financial aid from CF upon the following:

- Student must be approved as a transient student with Advising and Records. Students may receive this approval by completing the transient application at https://www.floridashines.org/.
- The Financial Aid Office will determine the students' eligibility for aid for the transient coursework and update the application status.
- If no aid has been offered, an eligible student will be offered aid for the upcoming term. Students are not eligible to receive institutional scholarships or miscellaneous loans as a transient student. In addition, some state aid may be limited for transient students. Students should plan to receive their federal aid only.

- The Financial Aid Office begins processing disbursements approximately two weeks after the last day to drop with a refund when electronic confirmation of the student's attendance at the host institution is received via Florida Shines. Disbursements for students attending another institution may take at least an additional week.
- Students are eligible to receive a book voucher against their aid if they are offered aid and if transient approval is finalized prior to the bookstore charging dates established by CF. The book voucher is for the bookstore at CF only. Students should obtain the required book ISBN from their host institution and contact the CF bookstore to order the book. If the book is not in stock, it will take approximately one week for the order to be received.
- Students are responsible for paying all tuition, fees and other charges at the host institution by the host institution's posted due date. CF will not forward any financial aid disbursements to another institution.
- If there is any change in the students' enrollment status once financial aid has disbursed, the student must notify the CF Financial Aid Office. We will contact the host school for enrollment confirmation.
- Return to Title IV policies apply for students that do not attend the course(s), do not satisfactorily complete the course(s), or are unable to produce a transcript from the host institution within 30 days after the end of the term.
- Students are responsible for ensuring the transcript is sent from the host institution to CF. Failure to produce a transcript from the host institution at the end of the term will result in the suspension of future aid.

Students Who Are Transient Students at CF (CF is Considered the Host Institution):

Students coming to CF as a transient student from a Florida public institution should check with their home institution regarding eligibility for financial aid while attending CF.

CF will be notified of an approved transient student from the home institution through https://www.floridashines.org/. In order for the student to receive financial aid at their home institution, the procedure is as follows:

- Students complete the transient/ application process at https://www.floridashines.org/ as appropriate. The student may only register for courses that are approved on the home institution consortium agreement/ transient form.
- Students need to pay their tuition and fees at CF by the fee payment due date.
- At least one week after the last day to drop with a refund, the necessary enrollment and cost of attendance information will be electronically sent to the home institution.
- Students should check with their home institution regarding the status of their financial aid disbursement.

The Financial Aid Office at CF will not enter in to a Consortium Agreement as the home institution with any in-state private schools or out-of-state schools (public or private).

College Resources

Programs

Continuing Education, Corporate Training

The College of Central Florida is committed to meeting community learning needs through continuing career education and adult personal development course offerings.

The college provides noncredit courses leading toward short-term career development, as well as programs that provide ongoing continuing education requirements for many professions. Short-term career training includes a wide variety of areas such as early childhood education and manufacturing-related careers. Customized corporate training is available through the Corporate College to meet the needs of local businesses and their employees. Additional noncredit and career classes are offered through an extensive list of online offerings for students who prefer to learn at their own pace.

Continuing education courses are offered through these CF departments:

- Customized training, online noncredit, and career training classes - Corporate College, 352-873-5855, CF.edu/CorporateCollege
- Early Childhood classes - Teacher Education, 352-854-2322, ext. 1405
- Health classes - Health Sciences, 352-873-5817
- Academic Integrity classes - Humanities and Social Sciences, 352-854-2322, ext. 1502
- CPR and EMT refresher classes - Emergency Medical Services, 352-291-4411
- Art classes - Appleton Museum of Art, 352-291-4455

Career and Technical Certificate Programs

Area vocational education school programs are open to high school completers and dual enrollment students. All students enrolled in an occupational program of more than 450 clock hours must be tested. CF uses the Test of Adult Basic Education or the Postsecondary Education Readiness Test.

Career Pathways

Career Pathways is a collaborative educational program with Citrus, Levy and Marion county schools in which students begin their technical or applied science courses in high school and advance to higher level courses at CF. Current programs of study include Accounting, Agribusiness Management, Business Administration, Cardiovascular Technology, Computer Information Technology, Criminal Justice, Dental Assisting, Dental Hygiene, Early Childhood Education, Engineering Technology, Equine Studies, Graphics Technology, Logistics, Nursing, Office Administration, Physical Therapist Assistant, Surgical Services and Welding Technology. Students who have graduated from an approved and articulated Career Pathway course of study may be eligible to receive college credits and/or advanced standing in specific programs of study toward an Associate in Science degree or Career and Technical certificate.

Services

Child Care

Students are eligible and welcome to enroll their children in the Learning Lab School at the Ocala Campus. See child care fees, and contact the office for complete admission policies.

Learning Support Centers

Available at the Ocala, Citrus and Levy campuses, the Learning Support Centers aid students in academic and occupational programs by offering student success-oriented services. The centers provide CF students, at no cost, with open computer labs, group and one-on-one tutoring in most subject areas, and technical assistance with computer applications. There are approximately 90 computers in the Ocala center on the first and second floors, approximately 12 in the Citrus center, and 4 in the Levy center that provide a wide variety of online programs and applications, including online interactive tutorials in many subjects. University partner students may use the computers in the centers at no cost.

The Ocala Learning Support Center is located on the first floor in the Clifford B. Stearns Learning Resources Center, the Citrus Learning Support Center is located upstairs in the Dorothea G. Jerome Building, and the Levy Learning Support Center is located upstairs in the St. John Educational Center.

The Learning Support Center at the Ocala campus also includes the Writing Center and e-learning support. The Citrus Learning Support Center also includes three study rooms, with oversized monitors where students can connect their own devices, and one room with a laptop and webcam.

Writing Center

The Writing Center, located in the Ocala Learning Support Center, offers writing support for courses across the curriculum through tutoring, small group instruction, and workshops. In addition, specialized software is available in this lab to enhance students' writing skills.

E-Learning Support

E-Learning responds to the students' needs for flexible, accessible, quality programs and classes. Online classes allow the student to complete course requirements predominantly away from the campus either synchronously, asynchronously, or a combination of both via the Internet. Some on-campus or live

online meetings may be necessary depending upon the course. E-Learning also includes hybrid classes, which meet part of the time on campus and part of the time online, and hy-flex classes, which offer students the choice to attend in person or live online.

Academic support, library and learning resources, student services and technical support are available for all e-learning students. Contact the Distance Learning Help Desk at DLhelp@cf.edu or 352- 854-2322, ext.1317, Monday through Friday, 8 a.m.-4:30 p.m. during the fall and spring semesters and Monday through Thursday, 8 a.m.-4:30 p.m. during the summer semesters.

Courses which require proctored assessments through an approved proctoring service may necessitate a fee of approximately $5 per assessment or $10 per course. Alternately, students may take their proctored assessment on campus by appointment. Online proctoring will also require a webcam and microphone.

Online Courses: Asynchronous online courses are distributed through the Internet, and students who enroll in online classes must have access to a computer with Internet access. Required skills include basic word processing and the ability to utilize email. In order to be successful, online learners must be able to work independently with minimal supervision. For some online classes, meetings for orientation, testing and review are held on campus.

Hybrid Courses: Hybrid courses are combinations of online and traditional face-to-face classroom instruction. A designated percentage of the class is delivered on campus, and the remaining percentage is delivered in the online environment. The percentages will vary according to the needs of the particular class as determined by the instructor.

Live Online Courses: Live online courses are distributed synchronously, in whole or part, through an online conferencing platform such as Zoom. Students who enroll in live online classes must have access to a computer with Internet access, a camera and microphone. The course meets online at a regularly scheduled time, listed in the course schedule. Required skills include basic word processing and the ability to utilize email. In order to be successful, online learners must be able to work independently with minimal supervision.

Hybrid-Flexible Courses: Hybrid-flexible courses make all course content available for both face-to-face and live online experiences. Students may choose to participate using face-to-face methods, online methods, or a combination of both methods based on preference. If choosing to participate in part or entirely online, students must have access to a computer with Internet access, a camera, and a microphone.

For a current list of e-learning opportunities, visit the MyCF web portal. For more information on e-learning, visit www.cf.edu/ELearning. Information is available regarding our learning management system Canvas, our available fully online degrees and certificates, and a self-test to help students decide if online learning is right for them.

Student Advising

The mission of academic advising at CF is to provide students with comprehensive advising that supports academic achievement, retention, graduation, university transfer, employment and personal success. Each student - whether seeking Certificates, Associate in Science, Associate in Arts, Bachelor of Applied Science, or Bachelor of Science degrees - is assigned an Educational Advisor upon admission to the college.

First-Year Success Advising

First Time in College (FTIC) students StartSmart@CF by attending a new student orientation session. At orientation, you will meet with your assigned Educational Advisor and receive an advising syllabus which helps to define student and advisor roles and responsibilities. You will also receive an academic pathway and receive assistance with course selection and registration. After orientation, continue to meet with your assigned educational advisor for services such as pathway guidance and future term registration. You may make an appointment with your assigned educational advisor by using Calendly or by calling the Advising Center. We offer appointments in-person, by phone, or via Zoom. After earning 15 credits, FTIC students transition to an educational advisor assigned based on the selected pathway.

Educational Advising

Students who transfer to CF or who are not First Time in College students are assigned to an educational advisor based on their selected pathway. Students must meet with their assigned advisor - after completing online orientation - to complete the first course registration. You may make an appointment with your educational advisor using Calendly or by calling the Advising Center. At this appointment, students receive an advising syllabus which helps to define student and advisor roles and responsibilities. Associate in Arts degree-seeking students will be required to submit a transfer plan to their advisor at the completion of 30 credit hours. Students may also receive assistance with a question or problem concerning course selection, registration, academic progress, a graduation check, questions or requests for assistance in transferring to a four-year institution. Students planning to transfer to four-year programs should begin early to work with their advisor in planning their coursework to include prerequisites for transfer and any other admission requirements. Go to CF.edu/Advising for additional information.

A variety of student support services is available through the advising department at the Wilton Simpson Citrus and Jack Wilkinson Levy campuses, including academic advisement, testing, career exploration, academic support, transfer assistance and personal counseling referrals.

E-advise

An online advising service is also available to prospective and current students. **E-advise** is able to answer quick questions or concerns that would not require an in-person appointment. Email requests sent while the college is closed will be responded to on the next college business day (response time may be longer during peak times). Full academic plans, degree audits and graduation checks cannot be provided through this service. You may email eadvise@cf.edu.

Food Services

The Ocala Campus Patriot Café in the Bryant Student Union offers made-to-order breakfasts, hot luncheon selections, freshly prepared subs and salads and a large selection of bakery and snack items. Cliff's Cyber Café at the Ocala Campus in the Learning Resources Center offers specialty coffee drinks, ice cream, salads, sandwiches and a variety of bakery items. This space offers wireless internet and is a great place for interacting with friends.

Soft drinks and snacks are available in vending machines in selected locations at the Ocala and Citrus campuses. No food or drink is permitted in the classrooms or auditoriums.

Hours of Operation:

Patriot Café: Monday-Thursday, 8 a.m. - 2 p.m. (Hours vary depending on time of year.)

Cliff's Cyber Café: Monday-Thursday, 8 a.m. - 2 p.m. (Hours vary depending on time of year.)

Conference Services

College of Central Florida's conference centers include the Webber and Klein Conference Centers on the Ocala Campus, the Vintage Farm in Ocala, the Appleton Museum of Art Auditorium and Café, the Charles S. Dean Sr. Educational Center on the Wilton Simpson Citrus Campus, and the Levy Conference Center on the Jack Wilkinson Levy Campus. The centers provide meeting and event space for campus and community organizations. For information on how to book an event, call 352-291-4441 (Ocala), 352-291-4455 (Appleton) 352-249-1210 (Citrus) or 352-658-4077 (Levy). Additional information is available at CF.edu/Conferences.

Health Services

Serious illness, accident or need of emergency medical attention should be reported immediately to the Public Safety Office at the Ocala Campus, Citrus Campus, Levy Campus, Hampton Center, Vintage Farm Campus or Appleton Museum of Art. Individuals needing assistance should use the nearest campus telephone and dial 911 (if need warrants) and the corresponding campus where they are located:

Ocala Campus	352-873-5800 or 352-854-2322, ext. 1422 or 1472 during regular business hours; 352-789-5001 after business hours, holidays or weekends
Citrus Campus	352-746-6721, ext. 6135, or 352-302-6081
Levy Campus	352-678-4077, ext. 2143 during regular hours; 352-274-4452 after business hours
Hampton Center	352-854-2322, ext. 5043 during regular business hours; calls are forwarded to Ocala Campus Public Safety after business hours.
Vintage Farm	352-843-6006
Appleton Museum	352-291-4455, ext. 1848 from 7 a.m. - 6 p.m.; 352-427-4618 after 6 p.m.

College of Central Florida, while having no obligation to do so, attempts to secure medical aid for students. No health facility is maintained on campus; however, several emergency facilities are located near the Ocala Campus. Students at the Ocala Campus are referred to one of these facilities unless they request otherwise. Citrus Campus students are referred to HCA Florida Citrus Hospital in Inverness unless they request otherwise. Levy Campus students are referred to HCA Florida North Florida Hospital in Gainesville unless they request otherwise. Registration implies understanding of and consent for this procedure.

When applying, the student is asked to provide certain pertinent health information, and students with chronic health problems are advised to make their special needs known to the Director of Accessibility and Counseling Services and Public Safety personnel at the Ocala Campus, the Counseling Office at the Citrus Campus or the Manager of Instructional Services at the Levy Campus.

Career Services

Please visit www.CF.edu/CareerServices for a description of Career Services available at College of Central Florida.

Talent Center

The Talent Center at the College of Central Florida is an affiliate of CareerSource Citrus Levy Marion and a partner of the College of Central Florida. The Talent Center offers no cost professional placement services to CF graduates and soon to be graduates. In addition to individualized coaching, the staff works with candidates to: create job specific resumes; review their social media footprint and shape a digital game plan to enhance their marketing; establish a job search strategy; and finally prepare individuals for today's interviews. Candidates may also choose to visit with one of our business development representatives to discuss local employment opportunities in their field of interest.

Students and graduates can connect with the Talent Center by visiting our office in The Enterprise Center, Suite 101, or online at TalentCenter.org. The Talent Center and TalentCenter.org are the bricks and clicks location for career insight and employment opportunities.

CF Assessment and Career Services Center

CF's Assessment and Career Service Center provides information and resources to help students in choosing career goals and majors, and to learn the steps that lead toward achieving those goals.

The Center offers computerized assessments of work values, interests, personalities and other factors that help students in career decision-making. The Center also provides career guidance, occupational exploration, and employability skills training to help students make more informed decisions about suitable career options. Services are available to current students and graduates, and are offered in partnership with organizations such as CareerSource Citrus Levy Marion. To access services, please call 352-854-2322, ext. 1721, to schedule an appointment or stop by the Bryant Student Union, Room 205; and at the CF Citrus Campus building C, ext. 6168.

Handshake

The college utilizes an online platform called Handshake to promote job and internship opportunities to CF students and alumni. Services are free and features local, state, and nationwide opportunities in a wide variety of industries. Students and alumni can visit www.JoinHandshake.com to create an account and search postings for internships along with part-time and full-time employment opportunities. For more information about Handshake, please contact CareerServices@cf.edu or call 352-854-2322, ext. 1382.

Co-Op and Internship Opportunities

All CF students are invited to participate in the co-op and internship program to gain real world experience in a variety of career fields. Connections with local businesses and organizations seeking student interns are available. Please note, the co-op class is required for most Associate in Science programs, and the internship class (MAN4940) is required for the Bachelor of Applied Science in Business and Organizational Management program. For more information, contact Bonnie Hays at haysb@cf.edu or call 352-854-2322, ext. 1855.

Accessibility and Counseling Services

The Accessibility and Counseling Center (ACC) provides an extensive array of services and resources tailored for both incoming and current students, regardless of disabilities. Our primary goal is to ensure a smooth integration into the various courses, programs, and activities available at the College of Central Florida.

Accessibility Services

In the realm of accessibility services, the ACC is dedicated to ensuring equitable educational opportunities for students with disabilities. We facilitate access to CF courses, programs, services, and activities while empowering students in self-advocacy. Additionally, the ACC plays a vital role in educating the CF community about disabilities and ensuring compliance with the Americans with Disabilities Act of 1990 and Section 504 of the Rehabilitation Act of 1973.

Our websites serve as valuable resources for students, staff and faculty members. The Accessibility Services website (https://www.cf.edu/student-life/student-services/accessibility-services/ provides detailed information on available accommodations, application procedures, essential forms, and a comprehensive manual tailored to students with disabilities. (https://pr.cf.edu/files/Disability-Manual.pdf).

Counseling Services

For mental health and counseling services, ACC provides on-campus appointments for short-term or crisis situations, as well as off-campus counseling via BayCare for more extensive therapy needs. Additionally, students can access online mental health screenings through CF's Counseling website for added convenience and support.

Off Campus Student Assistance Program

The CF Student Assistance Program (SAP) is a confidential resource for assisting students who may have personal problems which could affect their school, work or home lives and would prefer the professional counseling services to be provided from an outside of the college source. Services are free to all active CF students. The SAP is managed by Bay Care Life Management. In order to access services, a student can call a toll-free helpline, 1-800-878- 5470, during regular business hours Monday through Friday from 8:30 a.m.-5 p.m. For crisis situations which occur after hours, on weekends or holidays, a student can call the same number and the therapist on duty will be paged and will promptly respond to the call. The SAP program offers services to address a broad spectrum of behavioral health needs, including mental health and other issues to include:

- **Problem Identification/Assessment and Referral**. Based on telephone communication and/or face-to-face meeting, the student's presenting problem(s) is identified, the individual is assessed and an appropriate plan of action is developed.
- **Crisis Intervention**. This service offers post-crisis assessment and intervention services.
- **Short-term Problem Resolution**. This type of counseling is offered when resolution of the presenting problem can be resolved within the initial counseling sessions.
- **Monitoring and Follow-Up Services**. Appropriate monitoring of student's progress and satisfaction.
- **Consultation with Appropriate Leadership.** Providing individual consultation.

The CF Counseling website (https://www.cf.edu/student-life/student-services/counseling-services/) equips students with resources on scheduling appointments, mental health screenings, webinars and insightful tips.

The range of services offered by ACC encompasses:

- Assistance with admissions and financial aid applications
- Provision of appropriate classroom and testing accommodations
- Academic, career and personal coaching
- Access to sign language interpreters
- Adapted computer access
- Access to community resources
- On-campus counseling sessions facilitated by licensed clinicians
- Crisis intervention services
- Outreach and educational initiatives

Early Support Program

CF's Early Support Program strategy helps students gain the knowledge and skills necessary to overcome barriers to their academic success. The program targets students enrolled in developmental, gateway and other high enrollment first-

year courses, but is also available to all students at CF. As part of the college's collaborative retention efforts, faculty teaching these targeted courses are prompted to assess students early in each semester based on identified risk factors. Faculty are encouraged to reach out first to the student, but to quickly follow-up with an ESP. First-Year Success and meta-major advisors review and respond to these assessments to ensure students are connected to appropriate support resources as soon as possible. A feedback loop between the students, their advisors, specific campus resources (i.e., Accessibility Services, Academic Support, Financial Aid, etc.) and the students' faculty member provides at risk students with support and guidance on their academic pathway.

Reasons for a faculty or staff referral to the ESP system:

- attending class, but not making satisfactory progress
- class disruption, disrespect, etc.
- consistently late to class
- continually submits sub-standard work
- failure to turn in assignments
- high rate of absenteeism
- low test/quiz performance
- missed tests, quizzes, or major examinations
- not participating in class
- financial aid concerns
- personal financial concerns
- health issues
- academic integrity
- social or emotional concerns

Students can also self-refer if they are having difficulty in a class or difficulty adjusting to college in general by visiting the Office of Student Services in the Bryant Student Union, Ocala Campus, or by reaching out to their faculty member or program advisor.

CF Foundation Patriot Fund

This program provides the resources and tools students need to help stay in college and reach their educational goals when faced with an unforeseen financial emergency. Students are provided financial assistance to get them through their emergency. Furthermore, they are encouraged to seek help and are often directed to additional resources to help them with other life challenges they may face. All students receiving CF Foundation Patriot Fund assistance are linked to a financial literary resource web portal that was designed to help these students build their long-term money management skills.

The fund cannot cover ineligible expenses (i.e., tuition, fees, books, etc.) or expenses that have already been incurred, but can assist with utilities, housing/rent, medical expenses, automobile repairs, child care, and other expenses as approved by the college.

In order to qualify for the assistance a student must meet the following conditions:

- must have completed at least one semester at CF
- must have an overall GPA of 2.5 or higher
- must be taking at least 6 credit hours during the current semester

Students may apply for CF Foundation Patriot Fund assistance at CF.edu/PatriotFund, visit Student Services in the Bryant Student Union, Ocala Campus, or call 352-854-2322, ext. 1250.

Learning Resources Centers and Library

The Learning Resources Centers at the Ocala and Citrus campuses include modern library facilities equipped with a variety of materials and resources, and library collections include both print and electronic resources to support student learning. A small print collection band reading room is located at the Levy Campus. Library staff are focused on providing quality service to CF students, faculty and staff, as well as to members of the community, while fulfilling their information and academic needs.

All students have access to print and electronic resources. Electronic resources include databases, electronic books and journals, multimedia and streaming video, full-text articles and news sources. Intercampus delivery is available allowing students and library patrons the option to pick up and return materials at each campus. Also available to library patrons are the library's special collections which include the Wisdom Traditions Collection, the Hartigan Equine Collection, the Kenneth H. "Buddy" Mackay Congressional Books, the Abraben Architecture Collection and the Ocala Royal Dames Cancer Collection. The Ocala LRC also houses realia from Congressman Clifford B. Stearns, his congressional desk, flags and books. The Citrus LRC houses the Walker Environmental Science Collection and the Reed Fishing Collection.

Library holdings are discoverable and accessible via the online catalog at the library website, library.cf.edu. CF students, faculty and staff also have access to the collections of the other Florida state college and university libraries; and items available through collaborative resource sharing can be requested through interlibrary loan and UBorrow services. Adaptive and assistive technologies are also available, which helps those with disabilities perform tasks with greater ease and/or independence.

For questions about these or other resources or services, contact:

Ocala Campus Library
Ph: 352-854-2322, ext. 1344 or 1345
Email: library@cf.edu
Chat: Using the chat widget at the website - library.cf.edu

Wilton Simpson Citrus Campus Library
Ph: 352-249-1205
Email: citruslb@cf.edu

Jack Wilkinson Levy Campus Library
Ph: 352-658-4077, ext. 2151
Email: figuerok@cf.edu

Student Life

Campus and Community Engagement

In support of CF's goal to promote student learning and success, the Office of Student Life fosters the social, physical and educational well-being of students by providing opportunities and experiences for engagement at the college and in the community. Student engagement and development is accomplished by:

- providing resources for individual development as well as for student clubs and organizations
- fostering leadership development opportunities for students
- providing opportunities for student and faculty interaction and learning through co-curricular events and services.

CF student clubs and organizations exist on campus to support the college goal of promoting student learning and success through the support from the Office of Student Life. These groups provide individuals opportunities to pursue interests while developing new relationships and leadership skills. All clubs are established by students, based on common interests and can include social experiences, educational workshops, service projects and more and are open to any students enrolled at CF. They include Culture, Faith and Spiritual, Leadership and Personal Enhancement, Social and Political, and Sports and Wellness Clubs. Academic-Related organizations are generally tied to an academic course and include competition teams, Student Publications and Visual and Performing Arts. Student Leadership Organizations participate in a selection process each spring, and students are welcome to apply. If you don't see something that you are interested in, inquire about starting your own club! Please check us out on the web at CF.edu/StudentLife or stop by the Office of Student Life at each campus.

Service Learning and Community Engagement Opportunities

Service Learning at CF is a high-impact educational practice that integrates meaningful service with academic instruction and guided reflection It helps students apply what they are learning in class to real-world challenges, deepening their understanding of course content, while building civic responsibility and community connection.

Students can explore potential career paths, gain hands-on experience, expand their professional networks, and engage in personal growth. Whether through direct service, research-based projects, or engagement with campus initiatives like the Patriot Pantry or Service Leadership Program, students are encouraged to make a meaningful impact while developing valuable skills for lifelong success.

To learn more, email servicelearning@cf.edu or visit CF.edu/Service Learning.

Student Support Services

Student Support Services (SSS) is one of the Federal TRIO programs funded through the U.S. Department of Education. At CF, the SSS program provides a variety of supportive services to at least 227 students annually who meet any of the following eligibility criteria:

- **Low income.** The student comes from a family whose taxable income does not exceed levels set forth by federal government regulations.
- **First generation.** The student comes from a family in which neither parent/guardian graduated from a four-year college or university.
- **Disabled.** The student has documented physical and/or learning disabilities.

The overall purpose of the program is to increase the retention, graduation and transfer rates of this student population. Services provided to participants include:

- academic advisement/registration assistance
- career guidance
- economic literacy training
- personal counseling
- peer tutors/mentors
- financial aid/scholarship advisement
- transfer advisement
- scheduled tours to state universities
- social activities
- assistance for students with physical and learning disabilities.

Contact Student Support Services, Ocala Campus Building 2, Room 205, 352-854-2322, ext. 1761 to learn more.

Educational Opportunity Center

The CF Educational Opportunity Center (EOC) is a U.S. Department of Education, Office of Post-secondary Education funded educational outreach program that offers educational services to qualified adults who reside in Citrus, Levy, and Marion counties. The mission of the EOC is to provide educational information and assistance to qualified individuals who wish to pursue a postsecondary education program. The goal of the EOC program is to increase the number of adult participants who enroll in postsecondary education institutions (2-year community college, 4-year university, vocational, certificate, or professional programs.) EOC services are free and provided on a one-on-one basis or in workshop sessions.

EOC services include assistance with: locating/choosing a post-secondary program for a chosen career; the college, university, trade/vocational school admissions application process; the Free Application for Federal Student Aid (FAFSA) and other financial aid and scholarship applications; referrals to General Educational Development (GED) and other adult basic education classes; support funds for GED, PERT, and Wonderlic test fees; exploring career areas and interests that match your abilities; and financial literacy information designed to improve student financial & economic knowledge.

EOC participant eligibility criteria: 19 years of age or older; U.S. citizen or permanent resident status (documentation required);

First-generation college student, meaning neither parent has a four-year college degree; low-income individual (based on federal guidelines); and a veteran of any age and their family members.

For more complete information, see https://www.cf.edu/student-life/student-services/trio-programs/, or visit or call one of the EOC offices:

- Ocala Campus, Bryant Student Union, Room 204B, 352-854- 2322, ext. 1369
- Citrus Campus, Building C2, Room 112D, 352-746-6721, ext. 6147
- Hampton Center, Room 106C, 352-854-2322, ext. 1801
- Levy Campus, Room 108A, 352-658-4077, ext. 2108

College of Central Florida Testing Center

The College of Central Florida provides comprehensive testing and assessment services to CF students, students from other institutions, local residents, area employers, and agencies. Testing is available at the Ocala Campus, the Wilton Simpson Citrus Campus, and the Jack Wilkinson Levy Campus.

CF Testing Center services support college placement and exit requirements, skills assessment and development, classroom performance (including makeup exams for online and hybrid courses), and academic achievement. Additionally, the CF Testing Center offers cognitive skills and aptitude testing for employers to support employee selection and promotion.

Testing services are also provided for:

- High school students
- Students from other colleges and universities
- Individuals in specialized populations such as law enforcement, corrections, healthcare, and those with disabilities
- Candidates pursuing computer-related and industry certifications
- Individuals seeking career assessments

Commonly administered exams include:

- PERT (Postsecondary Education Readiness Test) and ACCUPLACER Next Generation - College placement
- TABE - (Test of Adult Basic education) Entry into vocational programs
- TEAS - (Test of Essential Academic Skills) Nursing and Allied Health programs
- Wonderlic -(Contemporary Cognitive Ability Test) Programs in Physical Therapist Assistant, Radiography, Surgical Services, and Corrections
- DANTES (Defense Activity for Non-Traditional Education) and CLEP (College Level Examination Program) - Course credit by exam
- CJBAT - Law enforcement and corrections (required in Florida)
- Occupational and aptitude tests, intelligence tests, and other specialized assessments such as:
    - Personality, adjustment, and development tests
    - Learning and achievement measures
    - Mental ability and life stressor inventories
    - Visual perception tests
    - IC3, (Internet and Computing Core certification) MOS, (Microsoft Office Specialist) and various industry certifications

The Ocala Campus Testing Center is located in the Bryant Student Union, Room 205, 352-291-4419; the Citrus Campus Testing Center is located in the Charles S. Dean Sr. Educational Center, Room 109, 352-249-1213; the Levy Campus Testing Center is located in Room 108, 352-658-4077. Appointments for all locations can be scheduled at www.cf.edu/testing. QR codes for easy scheduling are available for each location.

Programs of Study

Associate in Arts Degree

The Associate in Arts degree is designed primarily to meet the requirements for a student to transfer to the upper division of a college or university to continue work toward a bachelor's degree. Students should be aware of the various, specific requirements for the Associate in Arts degree imposed by state regulations and/or law. These requirements include courses that develop reading, writing and computational skills, the exit test requirement, and, in some instances, a foreign language requirement. These requirements are listed here. See the Student Advising Department for articulation sheets. A complete list of Academic Pathways can be found at CF.edu/AcademicPathways.

Associate in Science Degree, Applied Technology Diploma, College Credit Certificate and Career and Technical Certificate Programs

All programs are open to students who qualify legally and academically. In many cases, experience has shown that a student should have additional qualifications or that some students should not enter certain programs. Examples of limiting factors in some career fields include (but are not limited to) conviction of a felony and physical or mental disorders (even if controlled by medication). Students are responsible for consulting with program managers, counselors and other experts in their chosen career fields early and regularly to be fully informed.

Please consult the United States Department of Labor National Occupational Employment and Wage Estimates website at http://www.bls.gov/oes/current/oes_nat.htm#13-0000 for the most current wage information for these programs. Actual entry wages can vary depending on a number of factors including, but not limited to, amount of experience, geographic location, certifications(s), level of education, etc.

Baccalaureate Degrees

CF is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award baccalaureate degrees. Students seeking leadership and administrative positions in their field have numerous options through the Bachelor of Applied Science in Business and Organizational Management, along with its seven specializations, the Bachelor of Science in Early Childhood Education and the Registered Nurse to Bachelor of Science in Nursing.

Program Pathways

A complete list of A.A. program pathways is available on the Associate in Arts Academic Pathways page. A.S. degree, Applied Technology Diploma and Certificate program pathways can be found on the Associate in Science, Applied Technology Diploma, and Certificate Academic Pathways page.

Associate in Science

Accounting Technology, A.S.

2210: A.S. Degree in Accounting Technology (60 Credit Hours)
CIP: 52.0302
FL CIP: 1552030201
SOC: 43-3031

The Accounting Technology program prepares individuals for employment as accounting paraprofessionals in professional accounting occupations that require analysis, theory and design of accounting procedures and applications. The program content provides training in the principles, procedures and theories of organizing, maintaining and evaluating business and financial transactions and the preparation of accompanying financial records and reports for internal and external use.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

The Economic Security Report provides students, parents and others with employment, earnings and other outcome information on graduates of Florida's public institutions of higher education, e.g., State University System, Florida College System and District Technical Centers. To view the report, please go to https://www.pr.cf.edu/files/community/economic-security-report.pdf.

Requirements

Program Core Courses

- ACG2021 - Financial Accounting *Credits: 3*
- CGS1100 - Microcomputer Applications *Credits: 3*
- ECO2013 - Principles of Economics - Macro *Credits: 3*
- TAX2010 - Corporate Income Tax *Credits: 3*

- OST2335 - Business Communications *Credits: 3* **
  OR
- ENC1102 - Freshman Composition Skills II *Credits: 3* **

- ACG2450 - Integrated Accounting *Credits: 3*
- GEB1011 - Introduction to Business *Credits: 3*
- ECO2023 - Principles of Economics - Micro *Credits: 3* **
- CGS2103 - Spreadsheet Applications *Credits: 3*
- MAN2021 - Principles of Management *Credits: 3*
- TAX2000 - Individual Income Tax *Credits: 3*
- ACO1807 - Payroll Accounting *Credits: 3*
- ACG2071 - Managerial Accounting *Credits: 3*
- BUL2241 - Business Law I *Credits: 3*
- ACG1949 - Work Experience I *Credits: 3*

General Education Courses

- ENC1101 - Freshman Composition Skills I *Credits: 3* **

One of the Following:

- MAC1105 - College Algebra *Credits: 3* **
- MAC1105H - Honors College Algebra *Credits: 3* **
- MAC2311 - Calculus I with Analytic Geometry *Credits: 5* **
- MAC2311H - Calculus I with Analytic Geometry Honors *Credits: 5* **
- MGF1130 - Thinking Mathematically *Credits: 3* **
- STA2023 - Elementary Statistics *Credits: 3* **
- STA2023H - Honors Elementary Statistics *Credits: 3* **

One of the Following:

- ARH1000 - Art Appreciation *Credits: 3*
- HUM1020 - Introduction to the Humanities *Credits: 3*
- HUM1020H - Honors Introduction to the Humanities *Credits: 3*
- LIT1000 - Introduction to Literature *Credits: 3*
- MUL1010 - Music Appreciation *Credits: 3*
- PHI2010 - Introduction to Philosophy *Credits: 3*
- THE1000 - Theatre Appreciation *Credits: 3*

One of the Following:

- AMH2010 - United States History to 1877 *Credits: 3*
- AMH2010H - United States History to 1877 Honors *Credits: 3*
- AMH2020 - United States History Since 1877 *Credits: 3*
- AMH2020H - United States History Since 1877 Honors *Credits: 3*
- POS2041 - American National Government *Credits: 3*
- POS2041H - American National Government Honors *Credits: 3*

One of the Following:

- AST1002 - Descriptive Astronomy *Credits: 3*
- BSC1005 - Introduction to Biology *Credits: 3*
- BSC1005H - Introduction to Biology Honors *Credits: 3*

- BSC2010 - Integrated Principles of Biology I *Credits: 3*
- BSC2085 - Human Anatomy and Physiology I *Credits: 3*
- CHM1020 - Chemistry for Liberal Studies *Credits: 4*
- CHM2045 - General Chemistry I *Credits: 3*
- ESC1000 - Earth Science *Credits: 3*
- EVR1001 - Introduction to Environmental Science *Credits: 3*
- EVR1001H - Introduction to Environmental Science Honors *Credits: 3*
- GLY2010C - Physical Geology with Lab *Credits: 4*
- OCE1001 - Introductory Oceanography *Credits: 3*
- PHY1020 - Elementary Physics for the Nonscience Majors *Credits: 3*
- PHY1053C - General Physics I with Lab *Credits: 4*
- PHY2048C - General Physics with Calculus I with Lab *Credits: 5*
- PHY2048CH - General Physics with Calculus with Lab Honors *Credits: 5*

Total Credit Hours: 60

Agribusiness Management, A.S.

2299: A.S. Degree in Agribusiness Management (60 Credit Hours)
CIP: 01.0101
FL CIP: 1101010100
SOC: 11-9013

The Agribusiness Management program prepares students for employment as an agricultural professional, manager or supervisor. The content includes, but is not limited to, instruction that prepares individuals to apply the economic and business principles involved in the organization, operation and management of agricultural businesses. Subject areas include finance, law, marketing, and equipment and facilities management.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

The Economic Security Report provides students, parents and others with employment, earnings and other outcome information on graduates of Florida's public institutions of higher education, e.g., State University System, Florida College System and District Technical Centers. To view the report, please go to https://pr.cf.edu/files/community/economic-security-report.pdf.

Requirements

Program Courses

- CGS1100 - Microcomputer Applications *Credits: 3*

  OR
- OST1100 - Introduction to Word *Credits: 3*
- ANS1003 - Introduction to Animal Science *Credits: 3*
- SWS2000 - Introduction to Soil Science *Credits: 3*
- ORH1000C - Introduction to Horticulture *Credits: 3*

- ECO2013 - Principles of Economics - Macro *Credits: 3*

  OR
- ECO2013H - Principles of Economics - Macro, Honors *Credits: 3*

- AEB2102 - Principles of Agribusiness Management *Credits: 3*
- AEB2192 - Farm Records and Accounts *Credits: 3*
- AGG2001 - Introduction to Food Science *Credits: 3*
- AEB1949 - Agribusiness Internship **Credits: 3**

- OST2335 - Business Communications *Credits: 3* **

  OR
- ENC2210 - Technical Communications *Credits: 3* **

General Education Courses

- ENC1101 - Freshman Composition Skills I *Credits: 3* **

One of the Following:

- MAC1105 - College Algebra *Credits: 3* **
- MAC1105H - Honors College Algebra *Credits: 3* **
- MAC2311 - Calculus I with Analytic Geometry *Credits: 5* **
- MAC2311H - Calculus I with Analytic Geometry Honors *Credits: 5* **
- MGF1130 - Thinking Mathematically *Credits: 3* **
- STA2023 - Elementary Statistics *Credits: 3* **
- STA2023H - Honors Elementary Statistics *Credits: 3* **

One of the Following:

- ARH1000 - Art Appreciation *Credits: 3*
- HUM1020 - Introduction to the Humanities *Credits: 3*
- HUM1020H - Honors Introduction to the Humanities *Credits: 3*
- LIT1000 - Introduction to Literature *Credits: 3*
- MUL1010 - Music Appreciation *Credits: 3*
- PHI2010 - Introduction to Philosophy *Credits: 3*
- THE1000 - Theatre Appreciation *Credits: 3*

One of the Following:

- AMH2010 - United States History to 1877 *Credits: 3*

- AMH2010H - United States History to 1877 Honors *Credits: 3*
- AMH2020 - United States History Since 1877 *Credits: 3*
- AMH2020H - United States History Since 1877 Honors *Credits: 3*
- POS2041 - American National Government *Credits: 3*
- POS2041H - American National Government Honors *Credits: 3*

One of the Following:

- AST1002 - Descriptive Astronomy *Credits: 3*
- BSC1005 - Introduction to Biology *Credits: 3*
- BSC1005H - Introduction to Biology Honors *Credits: 3*
- BSC2010 - Integrated Principles of Biology I *Credits: 3*
- BSC2085 - Human Anatomy and Physiology I *Credits: 3*
- CHM1020 - Chemistry for Liberal Studies *Credits: 4*
- CHM2045 - General Chemistry I *Credits: 3*
- ESC1000 - Earth Science *Credits: 3*
- EVR1001 - Introduction to Environmental Science *Credits: 3*
- EVR1001H - Introduction to Environmental Science Honors *Credits: 3*
- GLY2010C - Physical Geology with Lab *Credits: 4*
- OCE1001 - Introductory Oceanography *Credits: 3*
- PHY1020 - Elementary Physics for the Nonscience Majors *Credits: 3*
- PHY1053C - General Physics I with Lab *Credits: 4*
- PHY2048C - General Physics with Calculus I with Lab *Credits: 5*
- PHY2048CH - General Physics with Calculus with Lab Honors *Credits: 5*

Program Electives

(Select 15 credits)

- ORH1301C - Introduction to Irrigation *Credits: 3*
- ORH1113C - Pest and Disease Control *Credits: 3*
- ORH1260 - Greenhouse Operations *Credits: 3*
- ORH1601C - Nursery Management *Credits: 3*
- BUL2241 - Business Law I *Credits: 3*
- MAN2021 - Principles of Management *Credits: 3*
- ACG2021 - Financial Accounting *Credits: 3*
- AGR1234 - Forage Science and Range Management *Credits: 3*
- ANS1041 - Livestock Growth, Development and Behavior *Credits: 3*
- ANS1400 - Principles of Food Animal Nutrition *Credits: 3*
- AEB1930 - Agribusiness and Equine Career Readiness *Credits: 3*
- AOM2316 - Agricultural Machinery and Equipment *Credits: 3*
- ANS2232C - Advanced Horse Handling Skills *Credits: 3*
- ANS2403 - Equine Nutrition *Credits: 3*
- ANS1016 - Basic Horse Handling and Safety *Credits: 3*
- ANS1236 - Introduction to Equine Science *Credits: 3*
- ANS1237C - Equine Health Care *Credits: 3*
- ANS1238C - Equine Behavior and Psychology *Credits: 3*
- GIS2040 - Fundamentals of Geographic Information Systems *Credits: 3*
- GIS2047 - Applications of GIS, GPS and Remote Sensing *Credits: 3*

Total Credit Hours: 60

Business Administration, A.S.

2305: A.S. Degree in Business Administration (60 Credit Hours)
CIP: 52.0201
FL CIP: 1552020102
SOC: 11-1021

Business Administration programs train individuals to assume management or supervisory roles in business, industry and government. This program provides basic skills in a variety of fields commonly needed in management positions, including communications, management, accounting, computer usage and marketing.

The Associate in Science degree in Business Administration includes business and general education courses designed to provide a career in business or further study. The program prepares graduates for entry into a career in business or the opportunity to transfer into a Bachelor of Applied Science.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

The Economic Security Report provides students, parents and others with employment, earnings and other outcome information on graduates of Florida's public institutions of higher education, e.g., State University System, Florida College System and District Technical Centers. To view the report, please go to https://pr.cf.edu/files/community/economic-security-report.pdf.

Requirements

Program Courses

- CGS1100 - Microcomputer Applications *Credits: 3*
- OST2335 - Business Communications *Credits: 3* **

  OR
- ENC2210 - Technical Communications *Credits: 3* **

- GEB1011 - Introduction to Business *Credits: 3*
- OST1384 - Customer Service *Credits: 3*
- BUL2241 - Business Law I *Credits: 3*
- CGS2103 - Spreadsheet Applications *Credits: 3*
- MAN2021 - Principles of Management *Credits: 3*
- ECO2023 - Principles of Economics - Micro *Credits: 3* **
- ACG2021 - Financial Accounting *Credits: 3*
- MAR2011 - Principles of Marketing *Credits: 3*
- ACG2071 - Managerial Accounting *Credits: 3*
- FIN2100 - Business Finance *Credits: 3*
- ACG2450 - Integrated Accounting *Credits: 3*

- ECO2013 - Principles of Economics - Macro *Credits: 3*

  OR
- ECO2013H - Principles of Economics - Macro, Honors *Credits: 3*

Program Electives

Choose an additional 3 credit hours from the courses listed below:

- MAN2304 - Introduction to Human Resources *Credits: 3*
- MAN1949 - Co-op Work Experience *Credits: 3*
- MAN2582 - Introduction to Project Management *Credits: 3*
- ENT1000 - Introduction to Entrepreneurship *Credits: 3*
- ENT2112 - Entrepreneurship Opportunities *Credits: 3*
- SBM2000 - Small Business Management *Credits: 3*
- MKA2021 - Sales, Marketing and Advertising *Credits: 3*
- GEB2350 - Introduction to International Business *Credits: 3*
- GEB2430 - Ethics in Management *Credits: 3*

General Education Courses

- ENC1101 - Freshman Composition Skills I *Credits: 3* **

One of the Following:

- MAC1105 - College Algebra *Credits: 3* **
- MAC1105H - Honors College Algebra *Credits: 3* **
- MAC2311 - Calculus I with Analytic Geometry *Credits: 5* **
- MAC2311H - Calculus I with Analytic Geometry Honors *Credits: 5* **
- MGF1130 - Thinking Mathematically *Credits: 3* **
- STA2023 - Elementary Statistics *Credits: 3* **
- STA2023H - Honors Elementary Statistics *Credits: 3* **

One of the Following:

- ARH1000 - Art Appreciation *Credits: 3*
- HUM1020 - Introduction to the Humanities *Credits: 3*
- HUM1020H - Honors Introduction to the Humanities *Credits: 3*
- LIT1000 - Introduction to Literature *Credits: 3*
- MUL1010 - Music Appreciation *Credits: 3*
- PHI2010 - Introduction to Philosophy *Credits: 3*
- THE1000 - Theatre Appreciation *Credits: 3*

One of the Following:

- AMH2010 - United States History to 1877 *Credits: 3*
- AMH2010H - United States History to 1877 Honors *Credits: 3*
- AMH2020 - United States History Since 1877 *Credits: 3*
- AMH2020H - United States History Since 1877 Honors *Credits: 3*
- POS2041 - American National Government *Credits: 3*
- POS2041H - American National Government Honors *Credits: 3*

One of the Following:

- AST1002 - Descriptive Astronomy *Credits: 3*
- BSC1005 - Introduction to Biology *Credits: 3*
- BSC1005H - Introduction to Biology Honors *Credits: 3*
- BSC2010 - Integrated Principles of Biology I *Credits: 3*
- BSC2085 - Human Anatomy and Physiology I *Credits: 3*
- CHM1020 - Chemistry for Liberal Studies *Credits: 4*
- CHM2045 - General Chemistry I *Credits: 3*
- ESC1000 - Earth Science *Credits: 3*
- EVR1001 - Introduction to Environmental Science *Credits: 3*
- EVR1001H - Introduction to Environmental Science Honors *Credits: 3*
- GLY2010C - Physical Geology with Lab *Credits: 4*

- OCE1001 - Introductory Oceanography *Credits: 3*
- PHY1020 - Elementary Physics for the Nonscience Majors *Credits: 3*
- PHY1053C - General Physics I with Lab *Credits: 4*
- PHY2048C - General Physics with Calculus I with Lab *Credits: 5*
- PHY2048CH - General Physics with Calculus with Lab Honors *Credits: 5*

Total Credit Hours: 60

MAR2011 and ENC1102 are recommended for students planning to enroll in the college's baccalaureate degree programs.

Cardiovascular Technology, A.S.

2360: A.S. Degree in Cardiovascular Technology (77 Credit Hours)
CIP: 51.0901
FL CIP: 1351090100
SOC: 29-2031

Cardiovascular Technology encompasses many technologies and procedural-based modalities that work together in the diagnosis, imaging and treatment of disease seen in the cardiovascular and peripheral vascular systems. The Cardiovascular Technology program offers a two-track option for students to complete an Associate in Science degree in Cardiovascular Technology. Students can either choose to enroll into our invasive cardiovascular technology track, which focuses on procedures done in a semi-surgical environment, imaging and treating disease by working on the inside of a patient's body, or they can choose to enroll in our noninvasive track, which focuses on diagnosing and imaging disease while scanning the heart from the outside of the body using ultrasound.

The **Invasive Cardiovascular Technology track** prepares individuals to perform invasive cardiovascular and peripheral vascular examinations in the setting of a cardiac catheterization department in hospitals or outpatient facilities. Working closely with and assisting physicians, the cardiovascular invasive technologist plays an integral role in the diagnosis and interventional treatment of diseases found in the cardiovascular system. This track will prepare students to successfully obtain registration through Cardiovascular Credentialing International as an RCIS (Registered Cardiovascular Invasive Specialist). Once registration is obtained there are a number of clinical opportunities within the field of cardiovascular health that may be open to the technologist. This program's instruction includes, but is not limited to, reviewing and recording patient histories and clinical data, patient care, investigative and examination procedures, diagnostic procedures, data analysis and documentation, physician consultation, a wide range of equipment operation and monitoring (X-ray imaging as well as invasive equipment), scenario and procedural simulations, case presentation, real-time clinical practice and professional and ethical standards. This program will prepare students to safely perform procedures that utilize radiation and aseptic or sterile techniques required for invasive procedures.

The **Noninvasive Cardiovascular Technology track** will prepare individuals to perform ultrasound imaging of the heart and some other vasculature within the cardiovascular and peripheral vascular systems. This field is termed Echocardiography. Working closely with physicians, the cardiovascular technologist plays an integral role in the diagnosis and monitoring of diseases found in the cardiovascular and peripheral vasculature systems. This program will prepare students to successfully obtain registration through Cardiovascular Credentialing International as an RCS (Registered Cardiovascular Sonographer). Once registration is obtained there are a number of clinical opportunities within the field of cardiovascular health that may be open to the technologist. This program's instruction includes, but is not limited to, reviewing and recording patient histories and clinical data, patient care, investigative and examination procedures, diagnostic procedures, data analysis and documentation, physician consultation, a wide range of equipment operation and monitoring, scenario and imagining simulations, real-time clinical practice, case presentation and professional and ethical standards.

Note: A Cardiovascular Technologist working in the field of Echocardiography may also be called a cardiac sonographer or echocardiographer.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

The Economic Security Report provides students, parents and others with employment, earnings and other outcome information on graduates of Florida's public institutions of higher education, e.g., State University System, Florida College System and District Technical Centers. To view the report, please go to https://pr.cf.edu/files/community/economic-security-report.pdf.

Requirements

Program Core Courses

- CVT1000C - Introduction to Cardiovascular Technology *Credits: 3*
- CVT1205C - Cardiovascular Pharmacology and EKG Management *Credits: 3*
- CVT1260C - Cardiopulmonary Anatomy and Physiology *Credits: 4*
- CVT1270C - Pathophysiology *Credits: 2*
- CVT1800L - Cardiovascular Clinical Pre-Practicum I *Credits: 3*
- CVT2427C - Advanced Cardiovascular Concepts *Credits: 3*
- CVT2620 - Noninvasive Cardiology I *Credits: 3*
- CVT2920 - Cardiovascular Technologist as a Professional *Credits: 2*

Program Specialization Tracks

Students will be required to select either the Invasive Track or the Noninvasive Track.

Invasive Track

- CVT1801L - Cardiovascular Clinical Pre-Practicum II *Credits: 3*

- CVT2211C - Critical Care Applications *Credits: 2*
- CVT2420C - Invasive Cardiology I *Credits: 3*
- CVT2421C - Invasive Cardiology II *Credits: 3*
- CVT2441C - Introduction to Cardiac Electrophysiology *Credits: 3*
- CVT2840L - Cardiovascular Invasive Practicum I *Credits: 4*
- CVT2841L - Cardiovascular Invasive Practicum II *Credits: 6*
- CVT2845L - Cardiovascular Invasive Practicum III *Credits: 4*

Noninvasive Track

- CVT1610C - Ultrasound Physics I *Credits: 3*
- CVT1616C - Ultrasound Physics II *Credits: 4*
- CVT2620L - Cardiovascular Noninvasive Practicum I *Credits: 5*
- CVT2621 - Noninvasive Cardiology II *Credits: 5*
- CVT2621L - Cardiovascular Noninvasive Practicum II *Credits: 7*
- CVT2320L - Cardiovascular Noninvasive Practicum III *Credits: 4*

General Education Courses

- HSC2531 - Medical Terminology *Credits: 3*
- ENC1101 - Freshman Composition Skills I *Credits: 3*
- MAC1105 - College Algebra *Credits: 3*

  or higher level mathematics course

One of the Following:

- ARH1000 - Art Appreciation *Credits: 3*
- HUM1020 - Introduction to the Humanities *Credits: 3*
- HUM1020H - Honors Introduction to the Humanities *Credits: 3*
- LIT1000 - Introduction to Literature *Credits: 3*
- MUL1010 - Music Appreciation *Credits: 3*
- PHI2010 - Introduction to Philosophy *Credits: 3*
- THE1000 - Theatre Appreciation *Credits: 3*

One of the Following:

- AMH2010 - United States History to 1877 *Credits: 3*
- AMH2010H - United States History to 1877 Honors *Credits: 3*
- AMH2020 - United States History Since 1877 *Credits: 3*
- AMH2020H - United States History Since 1877 Honors *Credits: 3*
- POS2041 - American National Government *Credits: 3*
- POS2041H - American National Government Honors *Credits: 3*

All of the Following:

- BSC2085 - Human Anatomy and Physiology I *Credits: 3*
- BSC2085L - Human Anatomy and Physiology I Lab *Credits: 1*
- BSC2086 - Human Anatomy and Physiology II *Credits: 3*
- BSC2086L - Human Anatomy and Physiology II Lab *Credits: 1*
- MCB2010 - Microbiology *Credits: 3*

Total Credit Hours: 77

Computer Information Technology, A.S.

2295: A.S. Degree in Computer Information Technology (60 Credit Hours)
CIP: 11.0103
FL CIP: 1511010307
SOC: 15-1231, 15-1232

The Associate in Science in Computer Information Technology program at the College of Central Florida prepares students for diverse computer-related careers in business, industry, and government. The program provides students with essential technical skills and the opportunity to earn industry-recognized certifications, including MOS Excel, CompTIA A+, CompTIA Network+, CompTIA Cloud+, and CompTIA Security+, enhancing both technical expertise and employability.

Students can customize their studies to match their career goals by selecting electives from three specialized pathway tracks: Support Technician, Computer Programming, or Network Security. These tracks allow students to earn additional College Credit Certificates, such as the Computer Programming Specialist or Network Security certificates. Other CCCs available within the program include:

- Computer Information Data Specialist
- Information Technology Support Specialist
- Help Desk Support Technician
- Information Technology Analysis

For students considering the Management Information Systems track of the Bachelor of Applied Science in Business and Organizational Management program, some core courses within the A.S. degree are designed to transfer and fulfill prerequisites for upper-level coursework.

Please consult CF.edu/IT for additional information about this program.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

The Economic Security Report provides students, parents and others with employment, earnings and other outcome information on graduates of Florida's public institutions of higher education, e.g., State University System, Florida College System and District Technical Centers. To view the report, please go to https://pr.cf.edu/files/community/economic-security-report.pdf.

Requirements

Program Courses

- CGS1100 - Microcomputer Applications *Credits: 3*
- CET1278 - A+ Fundamentals *Credits: 3*
- CGS2103 - Spreadsheet Applications *Credits: 3*
- CET2180 - Practical PC Technician *Credits: 3*
- CIS2321 - Introduction to Systems Analysis and Design *Credits: 3*
- CGS2540 - Database Management Systems *Credits: 3*
- CTS2134 - Networking Fundamentals *Credits: 3*
- COP1030 - Fundamental Programming Concepts *Credits: 3*
- CGS1949 - Work Experience I *Credits: 3*
- CTS2120 - Security Fundamentals *Credits: 3*
- CTS2651 - Router Fundamentals *Credits: 3*

  OR
- CTS2375 - Cloud+ *Credits: 3*

- CTS2136 - PC Desktop Support *Credits: 3*

  OR
- CTS2143 - Server Fundamentals *Credits: 3*

Program Electives

Choose 9 credit hours from the courses listed below:

- CAI1000 - Introduction to Artificial Intelligence *Credits: 3*
- CET1171 - Introduction to Computer Technology *Credits: 3*
- CGS2557 - Internet Technologies *Credits: 3*
- CGS1820 - Web Programming *Credits: 3*
- COP2250 - Java Programming *Credits: 3*
- CIS2352 - Ethical Hacking *Credits: 3*
- CIS2381 - Foundations of Digital Forensics *Credits: 3*
- GIS2040 - Fundamentals of Geographic Information Systems *Credits: 3*
- GIS2047 - Applications of GIS, GPS and Remote Sensing *Credits: 3*
- OST2335 - Business Communications *Credits: 3* **
- CGS2930 - Special Topics in Computers *Credits: 1* (Introduction to Computer Skills)

General Education Courses

- ENC1101 - Freshman Composition Skills I *Credits: 3* **

One of the Following:

- MAC1105 - College Algebra *Credits: 3* **
- MAC1105H - Honors College Algebra *Credits: 3* **
- MAC2311 - Calculus I with Analytic Geometry *Credits: 5* **
- MAC2311H - Calculus I with Analytic Geometry Honors *Credits: 5* **
- MGF1130 - Thinking Mathematically *Credits: 3* **
- STA2023 - Elementary Statistics *Credits: 3* **
- STA2023H - Honors Elementary Statistics *Credits: 3* **

One of the Following:

- ARH1000 - Art Appreciation *Credits: 3*
- HUM1020 - Introduction to the Humanities *Credits: 3*
- HUM1020H - Honors Introduction to the Humanities *Credits: 3*
- LIT1000 - Introduction to Literature *Credits: 3*
- MUL1010 - Music Appreciation *Credits: 3*
- PHI2010 - Introduction to Philosophy *Credits: 3*
- THE1000 - Theatre Appreciation *Credits: 3*

One of the Following:

- AMH2010 - United States History to 1877 *Credits: 3*
- AMH2010H - United States History to 1877 Honors *Credits: 3*
- AMH2020 - United States History Since 1877 *Credits: 3*
- AMH2020H - United States History Since 1877 Honors *Credits: 3*
- POS2041 - American National Government *Credits: 3*
- POS2041H - American National Government Honors *Credits: 3*

One of the Following:

- AST1002 - Descriptive Astronomy *Credits: 3*
- BSC1005 - Introduction to Biology *Credits: 3*
- BSC1005H - Introduction to Biology Honors *Credits: 3*
- BSC2010 - Integrated Principles of Biology I *Credits: 3*
- BSC2085 - Human Anatomy and Physiology I *Credits: 3*
- CHM1020 - Chemistry for Liberal Studies *Credits: 4*

- CHM2045 - General Chemistry I *Credits: 3*
- ESC1000 - Earth Science *Credits: 3*
- EVR1001 - Introduction to Environmental Science *Credits: 3*
- EVR1001H - Introduction to Environmental Science Honors *Credits: 3*
- GLY2010C - Physical Geology with Lab *Credits: 4*
- OCE1001 - Introductory Oceanography *Credits: 3*
- PHY1020 - Elementary Physics for the Nonscience Majors *Credits: 3*
- PHY1053C - General Physics I with Lab *Credits: 4*
- PHY2048C - General Physics with Calculus I with Lab *Credits: 5*

Total Credit Hours: 60

Criminal Justice Technology, A.S.

2277: A.S. Degree in Criminal Justice Technology (60 Credit Hours)
CIP: 43.0103
FL CIP: 1743010302
SOC: 33-1012

The Associate in Science in Criminal Justice Technology program prepares students for careers in various criminal justice fields, including law enforcement, corrections, probation and parole, juvenile justice, crime scene investigation, and court systems. The program includes a combination of theoretical, practical, and supportive courses and equips students with knowledge of legal frameworks, investigative techniques, and ethical considerations. It can also serve as a stepping stone for pursuing a bachelor's degree in criminal justice or related fields. Individuals already employed in criminal justice can increase their skills for advancement to supervisory positions.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

The Economic Security Report provides students, parents and others with employment, earnings and other outcome information on graduates of Florida's public institutions of higher education, e.g., State University System, Florida College System and District Technical Centers. To view the report, please go to https://pr.cf.edu/files/community/economic-security-report.pdf.

Requirements

Program Courses

- CJJ1002 - Juvenile Delinquency *Credits: 3*
- CCJ1020 - Introduction to Criminal Justice System *Credits: 3*
- CJC1000 - Crime and Punishment *Credits: 3*
- CJE2600 - Introduction to Forensics and Criminal Investigation *Credits: 3*
- CJL2130 - Criminal Law, Evidence and Procedures *Credits: 3*
- CJE2061 - Policing in America *Credits: 3*
- CCJ2010 - Criminology *Credits: 3* **
- CCJ2013 - Criminal Victimization *Credits: 3*
- CCJ1949 - Work Experience I *Credits: 3*

Program Electives

- CGS1100 - Microcomputer Applications *Credits: 3*
- ENC1102 - Freshman Composition Skills II *Credits: 3* **
- CJE2330 - Ethics in Criminal Justice *Credits: 3*
- DSC1212 - Introduction to Emergency Management Systems *Credits: 3*
- Elective *Credits: 3*

General Education Courses

- SPC2608 - Effective Speaking *Credits: 3*
- ENC1101 - Freshman Composition Skills I *Credits: 3* **

One of the Following:

- MAC1105 - College Algebra *Credits: 3* **
- MAC1105H - Honors College Algebra *Credits: 3*
- MAC2311 - Calculus I with Analytic Geometry *Credits: 5* **
- MAC2311H - Calculus I with Analytic Geometry Honors *Credits: 5*
- MGF1130 - Thinking Mathematically *Credits: 3* **
- STA2023 - Elementary Statistics *Credits: 3* **
- STA2023H - Honors Elementary Statistics *Credits: 3* **

One of the Following:

- ARH1000 - Art Appreciation *Credits: 3*
- HUM1020 - Introduction to the Humanities *Credits: 3*
- HUM1020H - Honors Introduction to the Humanities *Credits: 3*
- LIT1000 - Introduction to Literature *Credits: 3*
- MUL1010 - Music Appreciation *Credits: 3*
- PHI2010 - Introduction to Philosophy *Credits: 3*
- THE1000 - Theatre Appreciation *Credits: 3*

One of the Following:

- AMH2010 - United States History to 1877 *Credits: 3*
- AMH2010H - United States History to 1877 Honors *Credits: 3*
- AMH2020 - United States History Since 1877 *Credits: 3*

- AMH2020H - United States History Since 1877 Honors *Credits: 3*
- POS2041 - American National Government *Credits: 3*
- POS2041H - American National Government Honors *Credits: 3*

One of the Following:

- AST1002 - Descriptive Astronomy *Credits: 3*
- BSC1005 - Introduction to Biology *Credits: 3*
- BSC1005H - Introduction to Biology Honors *Credits: 3*
- BSC2010 - Integrated Principles of Biology I *Credits: 3*
- BSC2085 - Human Anatomy and Physiology I *Credits: 3*
- CHM1020 - Chemistry for Liberal Studies *Credits: 4*
- CHM2045 - General Chemistry I *Credits: 3*
- ESC1000 - Earth Science *Credits: 3*
- EVR1001 - Introduction to Environmental Science *Credits: 3*
- EVR1001H - Introduction to Environmental Science Honors *Credits: 3*
- GLY2010C - Physical Geology with Lab *Credits: 4*
- OCE1001 - Introductory Oceanography *Credits: 3*
- PHY1020 - Elementary Physics for the Nonscience Majors *Credits: 3*
- PHY1053C - General Physics I with Lab *Credits: 4*
- PHY2048C - General Physics with Calculus I with Lab *Credits: 5*
- PHY2048CH - General Physics with Calculus with Lab Honors *Credits: 5*

Total Credit Hours: 60

*Students taking advantage of the Criminal Justice Articulation Agreement must take MGF 1130 Thinking Mathematically**or higher. For information on the A.S. to B.S. program with participating colleges/universities, please contact the Criminal Justice Department at 873-5838.

Dental Hygiene, A.S.

2326: A.S. Degree in Dental Hygiene (88 Credit Hours)
CIP: 51.0602
FL CIP: 1351060200
SOC: 29-1292

This is a **limited access** program where both program admission and course registration are restricted to a certain number of students meeting predetermined criteria. The Dental Hygiene program is designed to train individuals to perform as efficient dental professionals in the dental health environment. Dental hygienists are preventive oral health professionals licensed to provide educational, clinical, research, administrative and therapeutic services supporting total health through the promotion of optimum oral health. Upon completion of this program, students are eligible to sit for the National Dental Hygiene Board examination and the state clinical examination to receive licensure. To become a dental hygienist in Florida, students must meet the Requirements of the Florida Board of Dentistry and this program prepares students to meet those requirements.

The Dental Hygiene, A.S. degree program is accredited by the American Dental Association Commission on Dental Accreditation. The Commission is a specialized accrediting body recognized by the United States Department of Education. The American Dental Association Commission on Dental Accreditation can be contacted at 312-440-4653 or at 211 East Chicago Avenue, Chicago, IL 60611. For additional information regarding the Commission on Dental Accreditation, please consult the website at http://www.ada.org/en/coda.

This program may eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

The Economic Security Report provides students, parents and others with employment, earnings and other outcome information on graduates of Florida's public institutions of higher education, e.g., State University System, Florida College System and District Technical Centers. To view the report, please go to https://pr.cf.edu/files/community/economic-security-report.pdf.

Requirements

Program Courses

- DES1029 - Dental Specialties *Credits: 1*
- DES1840 - Preventive Dentistry *Credits: 2*
- DEH1000 - Introduction to Dental Hygiene *Credits: 2*
- DEH1000L - Introduction to Dental Hygiene Lab *Credits: 1*
- DES1020 - Head and Neck Anatomy *Credits: 2*
- DES1022 - Dental Anatomy *Credits: 2*
- DES1600 - Dental Office Emergencies *Credits: 1*
- DEH1003 - Fundamentals of Dental Hygiene and Instrumentation *Credits: 1*
- DEH1003L - Fundamentals of Dental Hygiene and Instrumentation Lab *Credits: 1*
- DES1030 - Histology and Embryology *Credits: 1*
- DES1200 - Dental Radiology *Credits: 2*
- DES1200L - Dental Radiology Lab *Credits: 1*
- DES1502 - Dental Office Management *Credits: 2*
- DEH1800 - Dental Hygiene I *Credits: 1*
- DEH1800L - Dental Hygiene Clinic I *Credits: 3*
- DES1100 - Dental Materials *Credits: 2*
- DES1100L - Dental Materials Lab *Credits: 1*
- DEH1602 - Periodontology I *Credits: 2*

- DES1051C - Dental Pain Control and Local Anesthesia with Lab *Credits: 2*
- DES1050 - Dental Pharmacology *Credits: 2*
- DEH1802 - Dental Hygiene II *Credits: 1*
- DEH1802L - Dental Hygiene Clinic II *Credits: 4*
- DEH2804 - Dental Hygiene III *Credits: 1*
- DEH2804L - Dental Hygiene III Clinic *Credits: 4*
- DEA2033 - Oral Pathology *Credits: 2*
- DEH2702C - Community and Public Dental Health and Lab *Credits: 3*
- DEH2806 - Dental Hygiene Theory IV *Credits: 1*
- DEH2806L - Dental Hygiene Clinic IV *Credits: 4*
- DES2832C - Expanded Functions with Lab *Credits: 2*
- DEH2293 - Professional Development *Credits: 2*

General Education Courses

- ENC1101 - Freshman Composition Skills I *Credits: 3* **
- HUN1201 - Human Nutrition *Credits: 3*
- SPC2608 - Effective Speaking *Credits: 3*
- PSY2012 - General Psychology *Credits: 3*
- SYG2000 - Introductory Sociology *Credits: 3*

  OR
- SYG2010 - Social Problems *Credits: 3*

  OR
- SYG2430 - Marriage and the Family *Credits: 3*

One of the Following:

- MAC1105 - College Algebra *Credits: 3*
- MAC1105H - Honors College Algebra *Credits: 3*
- MGF1130 - Thinking Mathematically *Credits: 3*
- STA2023 - Elementary Statistics *Credits: 3*
- STA2023H - Honors Elementary Statistics *Credits: 3*

One of the Following:

- ARH1000 - Art Appreciation *Credits: 3*
- HUM1020 - Introduction to the Humanities *Credits: 3*
- HUM1020H - Honors Introduction to the Humanities *Credits: 3*
- LIT1000 - Introduction to Literature *Credits: 3*
- MUL1010 - Music Appreciation *Credits: 3*
- PHI2010 - Introduction to Philosophy *Credits: 3*
- THE1000 - Theatre Appreciation *Credits: 3*

One of the Following:

- AMH2010 - United States History to 1877 *Credits: 3*
- AMH2010H - United States History to 1877 Honors *Credits: 3*
- AMH2020 - United States History Since 1877 *Credits: 3*
- AMH2020H - United States History Since 1877 Honors *Credits: 3*
- POS2041 - American National Government *Credits: 3*
- POS2041H - American National Government Honors *Credits: 3*

All of the Following:

- BSC2085 - Human Anatomy and Physiology I *Credits: 3*
- BSC2085L - Human Anatomy and Physiology I Lab *Credits: 1*
- MCB2010 - Microbiology *Credits: 3*
- MCB2010L - Microbiology Lab *Credits: 1*

Total Credit Hours: 88

Diagnostic Medical Sonography Technology, A.S.

2362: A.S. Degree in Diagnostic Medical Sonography Technology (77 Credit Hours)
CIP: 51.0910
FL CIP: 1351091004
SOC: 29-2031, 29-2032

This is a limited-access program. Please consult CF.edu/LimitedAccess for information on limited-access programs.

This 77-credit hour Associate in Science degree in Diagnostic Medical Sonography Technology at CF provides a quality comprehensive, competency-based education to prepare graduates for immediate employment in the profession of medical imaging as an entry-level sonographer. Graduates can be employed in hospitals, medical centers, clinics, outpatient centers and OB/GYN offices.

The program utilizes the cohort education model. Students in a cohort will advance through the Sonography curriculum at the same pace and learn the content at the same time. This model allows for shared learning and critical analysis, relationship building on a personal and professional level, ongoing peer support, customized instruction and learning resources based on the needs of the cohort members.

Upon completion of the program, students will be eligible to sit for the national credential examinations given by the American Registry for Diagnostic Medical Sonography in the Abdomen and OB/GYN specialties.

Important Note: For Fall 2025, all CF Sonography applicants must meet one the following admissions criteria to be eligible to apply for the Diagnostic Medical Sonography Technology program:

1. Must have a bachelor's degree (any major) or foreign degree equivalent to a bachelor's degree in the U.S. or Canada

   OR

2. Must be a graduate of an accredited single two-year allied health education program that is patient-care related. Allied health occupations include, but are not limited to, diagnostic medical sonographer, radiologic technologist, respiratory therapist, occupational therapist, physical therapist, registered nurse, etc.

Fall 2026 admissions criteria may differ.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

The Economic Security Report provides students, parents and others with employment, earnings and other outcome information on graduates of Florida's public institutions of higher education, e.g., State University System, Florida College System and District Technical Centers. To view the report, please go to https://pr.cf.edu/files/community/economic-security-report.pdf.

Requirements

Program Courses

- SON1000 - Introduction to Sonography *Credits: 2*
- SON1000L - Introduction to Sonography Lab *Credits: 1*
- SON1113 - Sonographic Cross-Sectional Anatomy *Credits: 3*
- SON1111 - Abdominal Sonography I *Credits: 2*
- SON1111L - Abdominal Sonography I Lab *Credits: 2*
- SON1121 - Obstetrics and Gynecology Sonography I *Credits: 2*
- SON1121L - Obstetrics and Gynecology Sonography I Lab *Credits: 1*
- SON1211C - Medical Sonographic Physics I *Credits: 3*
- SON2053 - Medical and Surgical Diseases *Credits: 3*
- SON2212C - Medical Sonographic Physics II *Credits: 3*
- SON2112 - Abdominal Sonography II *Credits: 2*
- SON2112L - Abdominal Sonography II Lab *Credits: 1*
- SON2122 - Obstetrics and Gynecology Sonography II *Credits: 2*
- SON2122L - Obstetrics and Gynecology Sonography II Lab *Credits: 1*
- SON1808 - Clinical Education I *Credits: 6*
- SON2818 - Clinical Education II *Credits: 9*
- SON2828 - Clinical Education III *Credits: 6*
- SON2140 - Vascular and Small Parts Sonography *Credits: 3*
- SON2140L - Vascular and Small Parts Sonography Lab *Credits: 2*

General Education Courses

- ENC1101 - Freshman Composition Skills I *Credits: 3*

One of the Following:

- MAC1105 - College Algebra *Credits: 3*
- MAC1105H - Honors College Algebra *Credits: 3*

One of the Following:

- ARH1000 - Art Appreciation *Credits: 3*
- HUM1020 - Introduction to the Humanities *Credits: 3*
- HUM1020H - Honors Introduction to the Humanities *Credits: 3*
- LIT1000 - Introduction to Literature *Credits: 3*
- MUL1010 - Music Appreciation *Credits: 3*
- PHI2010 - Introduction to Philosophy *Credits: 3*
- THE1000 - Theatre Appreciation *Credits: 3*

One of the Following:

- AMH2010 - United States History to 1877 *Credits: 3*
- AMH2010H - United States History to 1877 Honors *Credits: 3*
- AMH2020 - United States History Since 1877 *Credits: 3*
- AMH2020H - United States History Since 1877 Honors *Credits: 3*
- POS2041 - American National Government *Credits: 3*
- POS2041H - American National Government Honors *Credits: 3*

All of the Following:

- BSC2085 - Human Anatomy and Physiology I *Credits: 3*
- BSC2085L - Human Anatomy and Physiology I Lab *Credits: 1*
- BSC2086 - Human Anatomy and Physiology II *Credits: 3*
- BSC2086L - Human Anatomy and Physiology II Lab *Credits: 1*
- PHY1020 - Elementary Physics for the Nonscience Majors *Credits: 3*

Total Credit Hours: 77

Early Childhood Education, A.S.

2259: A.S. Degree in Early Childhood Education (60 Credit Hours)
CIP: 13.1210
FL CIP: 1413121004
SOC: 25-2011

The Early Childhood Education program is designed to prepare individuals for employment in the early childhood field. This program combines theoretical, practical and supportive courses. Students will practice acceptable early childhood techniques with children in the on-campus laboratory preschool. With careful planning, A.S. degree candidates may also complete sufficient additional hours to qualify for the Associate in Arts degree. For information on this option, consult the Advising Department.

To comply with Florida state law, Chapter 402.305 2(a), each prospective student must be fingerprinted and undergo an FDLE Level II background screening. The cost of these procedures is the responsibility of the student. Information received is confidential and is required to determine the prospective student's eligibility to work with children. Additional information about this program can be found at CF.edu/Education.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

The Economic Security Report provides students, parents and others with employment, earnings and other outcome information on graduates of Florida's public institutions of higher education, e.g., State University System, Florida College System and District Technical Centers. To view the report, please go to https://pr.cf.edu/files/community/economic-security-report.pdf.

Requirements

Program Courses

CHD1440C, CHD1441C: FDLE Level II background screening required prior to course term.

- EEC1000 - Introduction to Child Development and Education *Credits: 3*
- EEC2930 - Seminar in Childhood Education *Credits: 3*
- EEC2200 - Curriculum in Childhood Education *Credits: 3*
- EEC1603 - Child Guidance *Credits: 3*
- CHD1440C - Child Care Practicum I *Credits: 3*
- EEC1921 - Preschool Workshop *Credits: 3*
- CHD1339 - Learning Through Play *Credits: 3*
- CHD1441C - Child Care Practicum II *Credits: 3*
- EEX2010 - Survey of Disabling Conditions *Credits: 3*
- EEC2401 - Home and Community *Credits: 3*
- EEC2001 - Introduction to Administration in Early Childhood Education *Credits: 3*
- EEC1907 - Observing and Recording Behavior *Credits: 3*

Program Electives

- Elective *Credits: 3*

General Education Courses

- EME2040 - Introduction to Technology for Educators *Credits: 3*
- ENC1101 - Freshman Composition Skills I *Credits: 3* **

One of the Following:

SPC 2608 Effective Speaking is preferred. However, students may select one of the following courses to fulfill this requirement:

- SPC2608 - Effective Speaking *Credits: 3*
- SPC2608H - Honors Effective Speaking *Credits: 3*
- SPC2300 - Interpersonal Communication *Credits: 3*
- SPC2594 - Intercollegiate Forensic Speech *Credits: 1*
- THE1925 - Play Production *Credits: 3*

  OR
- TPP2100 - Acting I *Credits: 3*

One of the Following:

- MAC1105 - College Algebra *Credits: 3* **
- MAC1105H - Honors College Algebra *Credits: 3* **
- MAC2311 - Calculus I with Analytic Geometry *Credits: 5* **
- MAC2311H - Calculus I with Analytic Geometry Honors *Credits: 5* **
- MGF1130 - Thinking Mathematically *Credits: 3* **
- STA2023 - Elementary Statistics *Credits: 3* **
- STA2023H - Honors Elementary Statistics *Credits: 3* **

One of the Following:

- ARH1000 - Art Appreciation *Credits: 3*
- HUM1020 - Introduction to the Humanities *Credits: 3*
- LIT1000 - Introduction to Literature *Credits: 3*
- MUL1010 - Music Appreciation *Credits: 3*
- PHI2010 - Introduction to Philosophy *Credits: 3*
- THE1000 - Theatre Appreciation *Credits: 3*
- HUM1020H - Honors Introduction to the Humanities *Credits: 3*

One of the Following:

- AMH2010 - United States History to 1877 *Credits: 3*
- AMH2010H - United States History to 1877 Honors *Credits: 3*

- AMH2020 - United States History Since 1877 *Credits: 3*
- AMH2020H - United States History Since 1877 Honors *Credits: 3*
- POS2041 - American National Government *Credits: 3*
- POS2041H - American National Government Honors *Credits: 3*

One of the Following:

- AST1002 - Descriptive Astronomy *Credits: 3*
- BSC1005 - Introduction to Biology *Credits: 3*
- BSC1005H - Introduction to Biology Honors *Credits: 3*
- BSC2010 - Integrated Principles of Biology I *Credits: 3*
- BSC2085 - Human Anatomy and Physiology I *Credits: 3*
- CHM1020 - Chemistry for Liberal Studies *Credits: 4*
- CHM2045 - General Chemistry I *Credits: 3*
- ESC1000 - Earth Science *Credits: 3*
- EVR1001 - Introduction to Environmental Science *Credits: 3*
- EVR1001H - Introduction to Environmental Science Honors *Credits: 3*
- PHY1020 - Elementary Physics for the Nonscience Majors *Credits: 3*
- PHY1053C - General Physics I with Lab *Credits: 4*
- PHY2048C - General Physics with Calculus I with Lab *Credits: 5*
- PHY2048CH - General Physics with Calculus with Lab Honors *Credits: 5*

Total Credit Hours: 60

Emergency Medical Services, A.S

2234: A.S. Degree in Emergency Medical Services (73 Credit Hours)
CIP: 51.0904
FL CIP: 1351090402
SOC: 29-2040

This is a limited-access program. Please consult CF.edu/LimitedAccess for information on limited-access programs.

Emergency Medical Services is an Associate in Science program that encompasses two occupational opportunities, Emergency Medical Technician and Paramedic. This can be done in units, EMT/Paramedic with general education units as the completion.

The EMT certificate program requires one semester and prepares the student for certification and employment in accordance with the Department of Transportation curriculum and the State of Florida EMS/Department of Health rules and regulations.

The Paramedic certificate program is three consecutive semesters. In order to apply to the Paramedic program, a candidate must be a Florida licensed EMT.

All general education classes may be taken before or concurrently with EMT and Paramedic classes or after the Paramedic unit of this A.S. program is completed. Paramedic courses must be taken in sequence.

Transfer students seeking an A.S. degree in Emergency Medical Services will only be awarded credit hours for Paramedic training if the Paramedic training was completed at a CoAEMSP accredited program.

Transfer students: Twenty-five percent of total credits must be taken at CF in order to be awarded a degree from CF.

For additional information on this program, please consult CF.edu/EMS.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

The Economic Security Report provides students, parents and others with employment, earnings and other outcome information on graduates of Florida's public institutions of higher education, e.g., State University System, Florida College System and District Technical Centers. To view the report, please go to https://pr.cf.edu/files/community/economic-security-report.pdf.

Requirements

General Education Courses

- ENC1101 - Freshman Composition Skills I *Credits: 3* **

One of the Following:

- MAC1105 - College Algebra *Credits: 3* **
- MAC1105H - Honors College Algebra *Credits: 3* **
- MAC2311 - Calculus I with Analytic Geometry *Credits: 5* **
- MAC2311H - Calculus I with Analytic Geometry Honors *Credits: 5* **
- MGF1130 - Thinking Mathematically *Credits: 3* **
- STA2023 - Elementary Statistics *Credits: 3* **
- STA2023H - Honors Elementary Statistics *Credits: 3* **

One of the Following:

- ARH1000 - Art Appreciation *Credits: 3*
- HUM1020 - Introduction to the Humanities *Credits: 3*
- HUM1020H - Honors Introduction to the Humanities *Credits: 3*
- LIT1000 - Introduction to Literature *Credits: 3*
- MUL1010 - Music Appreciation *Credits: 3*
- PHI2010 - Introduction to Philosophy *Credits: 3*

- THE1000 - Theatre Appreciation *Credits: 3*

One of the Following:

- AMH2010 - United States History to 1877 *Credits: 3*
- AMH2010H - United States History to 1877 Honors *Credits: 3*
- AMH2020 - United States History Since 1877 *Credits: 3*
- AMH2020H - United States History Since 1877 Honors *Credits: 3*
- POS2041 - American National Government *Credits: 3*
- POS2041H - American National Government Honors *Credits: 3*

One of the Following:

- AST1002 - Descriptive Astronomy *Credits: 3*
- BSC1005 - Introduction to Biology *Credits: 3*
- BSC1005H - Introduction to Biology Honors *Credits: 3*
- BSC2010 - Integrated Principles of Biology I *Credits: 3*
- BSC2085 - Human Anatomy and Physiology I *Credits: 3*
- CHM1020 - Chemistry for Liberal Studies *Credits: 4*
- CHM2045 - General Chemistry I *Credits: 3*
- ESC1000 - Earth Science *Credits: 3*
- EVR1001 - Introduction to Environmental Science *Credits: 3*
- EVR1001H - Introduction to Environmental Science Honors *Credits: 3*
- PHY1020 - Elementary Physics for the Nonscience Majors *Credits: 3*
- PHY1053C - General Physics I with Lab *Credits: 4*
- PHY2048C - General Physics with Calculus I with Lab *Credits: 5*
- PHY2048CH - General Physics with Calculus with Lab Honors *Credits: 5*

One of the Following:

- HLP1081 - Personal Wellness Appraisal and Improvement *Credits: 3*
- ENC2210 - Technical Communications *Credits: 3* ** Or an additional State Core Social Sciences course

Program Electives

Choose one elective credit from the following:

- EMS1335 - Emergency Vehicle Operators Course *Credits: 1*
- Any Elective *Credits: 1*

Total Credit Hours: 73

* EMS2010 taken as part of the Paramedic program does not qualify for the A.S. degree.

Note: Remaining hours for A.S. degree are comprised of Emergency Medical Technician (Basic), College Credit Certificate and Paramedic, College Credit Certificate.

Engineering Technology - Advanced Manufacturing Specialization, A.S.

2380: A.S. Degree in Engineering Technology - Advanced Manufacturing Specialization (60 Credit Hours)
CIP: 15.0000
FL CIP: 1615000001
SOC: 17-3027

This degree prepares students for engineering technology support positions dealing with PLCs, automation and control systems in high tech production, manufacturing, distribution, and engineering research and development facilities.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

The Economic Security Report provides students, parents and others with employment, earnings and other outcome information on graduates of Florida's public institutions of higher education, e.g., State University System, Florida College System and District Technical Centers. To view the report, please go to https://pr.cf.edu/files/community/economic-security-report.pdf.

Requirements

Advanced Manufacturing Specialization Courses

- ETM2401 - Mechanical Devices and Systems *Credits: 3*
- ETS1700 - Hydraulics and Pneumatics *Credits: 3*
- ETS1540 - Industrial Applications Using PLCs and Robotics *Credits: 3*
- ETI1843 - Motors and Controls *Credits: 3*
- ETS1542 - Introduction to PLCs *Credits: 3*
- ETS1535 - Automation Process Control *Credits: 3*

Program Core Courses

- CGS1100 - Microcomputer Applications *Credits: 3*
- EGN1111 - Engineering Graphics *Credits: 3*
- ETI1411 - Manufacturing Processes I *Credits: 3*
- EET1084 - Survey of Electronics *Credits: 3*
- ETI1117 - Introduction to Quality Control *Credits: 3*
- ETI1720C - Industrial Safety *Credits: 3*
- ETI1151 - Instrument Techniques and Measurement *Credits: 3*

Program Electives

Choose 6 credits from the courses listed below:

- EET1082 - Introduction to Electronics *Credits: 3*
- CGS2103 - Spreadsheet Applications *Credits: 3*
- EGS1949 - Work Experience I *Credits: 3*
- ETI1622 - Concepts of Lean Manufacturing and Six Sigma *Credits: 3*
- ETI1628 - Developing and Coaching Self-Directed Work Teams *Credits: 3*
- ETI2610 - Six Sigma for the Expert *Credits: 3*
- ETI2623 - Lean Enterprise for the Expert *Credits: 3*
- MAN2021 - Principles of Management *Credits: 3*
- MAN2582 - Introduction to Project Management *Credits: 3*
- MAC1105 - College Algebra *Credits: 3* **
- MAC1114 - Trigonometry *Credits: 3*
- MAC1140 - Precalculus (Algebra) *Credits: 3* **
- MAC1147 - Precalculus Algebra/Trigonometry *Credits: 5* **
- MAC2311 - Calculus I with Analytic Geometry *Credits: 5* **
- MAC2312 - Calculus II with Analytic Geometry *Credits: 5* **
- OST1100 - Introduction to Word *Credits: 3*
- ETD2364 - 3D Modeling with Solid Works *Credits: 3*
- EGS1006 - Introduction to the Engineering Profession *Credits: 1*
- EGN1007C - Engineering Concepts and Measures *Credits: 1*

General Education Courses

- ENC1101 - Freshman Composition Skills I *Credits: 3* **

One of the Following:

- MAC1105 - College Algebra *Credits: 3* **
- MAC1105H - Honors College Algebra *Credits: 3* **
- MAC2311 - Calculus I with Analytic Geometry *Credits: 5* **
- MAC2311H - Calculus I with Analytic Geometry Honors *Credits: 5* **
- MGF1130 - Thinking Mathematically *Credits: 3* **
- STA2023 - Elementary Statistics *Credits: 3* **
- STA2023H - Honors Elementary Statistics *Credits: 3* **

One of the Following:

- ARH1000 - Art Appreciation *Credits: 3*
- HUM1020 - Introduction to the Humanities *Credits: 3*
- HUM1020H - Honors Introduction to the Humanities *Credits: 3*
- LIT1000 - Introduction to Literature *Credits: 3*
- MUL1010 - Music Appreciation *Credits: 3*
- PHI2010 - Introduction to Philosophy *Credits: 3*
- THE1000 - Theatre Appreciation *Credits: 3*

One of the Following:

- AMH2010 - United States History to 1877 *Credits: 3*
- AMH2010H - United States History to 1877 Honors *Credits: 3*
- AMH2020H - United States History Since 1877 Honors *Credits: 3*
- AMH2020 - United States History Since 1877 *Credits: 3*
- POS2041 - American National Government *Credits: 3*
- POS2041H - American National Government Honors *Credits: 3*

One of the Following:

- PHY1020 - Elementary Physics for the Nonscience Majors *Credits: 3*
- PHY1053C - General Physics I with Lab *Credits: 4*
- PHY2048C - General Physics with Calculus I with Lab *Credits: 5*
- PHY2048CH - General Physics with Calculus with Lab Honors *Credits: 5*

Total Credit Hours: 60

Engineering Technology - Electronics Specialization, A.S.

2385: A.S. Degree in Engineering Technology - Electronics Specialization (60 Credit Hours)
CIP: 15.0000
FL CIP: 1615000001
SOC: 17-3023

The Associate in Science program in Engineering Technology - Electronics Specialization prepares students for initial employment with an occupational title as Electronics or Electronics Test Technician in various specialized areas, or to provide supplemental training for persons previously or currently employed in these occupations.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

The Economic Security Report provides students, parents and others with employment, earnings and other outcome information on graduates of Florida's public institutions of higher education, e.g., State University System, Florida College System and District Technical Centers. To view the report, please go to https://pr.cf.edu/files/community/economic-security-report.pdf.

Requirements

Electronics Specialization Courses

- EET1015 - DC Circuits *Credits: 3*
- EET1025 - AC Circuits *Credits: 3*
- EET1140 - Electronic Devices and Circuits *Credits: 3*
- EET1155C - Linear Integrated Circuits *Credits: 3*
- EET1610 - High Reliability Soldering *Credits: 3*
- CET1114 - Digital Circuits *Credits: 3*

Program Core Courses

- CGS1100 - Microcomputer Applications *Credits: 3*
- EGN1111 - Engineering Graphics *Credits: 3*
- EET1084 - Survey of Electronics *Credits: 3*
- ETI1411 - Manufacturing Processes I *Credits: 3*
- ETI1117 - Introduction to Quality Control *Credits: 3*
- ETI1720C - Industrial Safety *Credits: 3*
- ETI1151 - Instrument Techniques and Measurement *Credits: 3*

Program Electives

Choose 6 credits from the courses listed below:

- ETI1622 - Concepts of Lean Manufacturing and Six Sigma *Credits: 3*
- ETI1628 - Developing and Coaching Self-Directed Work Teams *Credits: 3*
- ETI2610 - Six Sigma for the Expert *Credits: 3*
- ETI2623 - Lean Enterprise for the Expert *Credits: 3*
- ETS1542 - Introduction to PLCs *Credits: 3*
- ETI1843 - Motors and Controls *Credits: 3*
- ETM2401 - Mechanical Devices and Systems *Credits: 3*
- ETS1700 - Hydraulics and Pneumatics *Credits: 3*
- MAC1105 - College Algebra *Credits: 3* **
- MAC1140 - Precalculus (Algebra) *Credits: 3* **
- MAC2311 - Calculus I with Analytic Geometry *Credits: 5* **
- MAC2312 - Calculus II with Analytic Geometry *Credits: 5* **
- PHY2048C - General Physics with Calculus I with Lab *Credits: 5*
- EET1620 - Advanced Surface Mount Technology *Credits: 3*
- EET1082 - Introduction to Electronics *Credits: 3*
- EGN1007C - Engineering Concepts and Measures *Credits: 1*
- EGS1006 - Introduction to the Engineering Profession *Credits: 1*
- COP1030 - Fundamental Programming Concepts *Credits: 3*
- ETD2364 - 3D Modeling with Solid Works *Credits: 3*
- OST1100 - Introduction to Word *Credits: 3*
- CGS2103 - Spreadsheet Applications *Credits: 3*

General Education Courses

- ENC1101 - Freshman Composition Skills I *Credits: 3* **

One of the Following:

- MAC1105 - College Algebra *Credits: 3* **
- MAC1105H - Honors College Algebra *Credits: 3* **
- MAC2311 - Calculus I with Analytic Geometry *Credits: 5* **
- MAC2311H - Calculus I with Analytic Geometry Honors *Credits: 5* **
- MGF1130 - Thinking Mathematically *Credits: 3* **
- STA2023 - Elementary Statistics *Credits: 3* **
- STA2023H - Honors Elementary Statistics *Credits: 3* **

One of the Following:

- ARH1000 - Art Appreciation *Credits: 3*
- HUM1020 - Introduction to the Humanities *Credits: 3*
- HUM1020H - Honors Introduction to the Humanities *Credits: 3*
- LIT1000 - Introduction to Literature *Credits: 3*
- MUL1010 - Music Appreciation *Credits: 3*
- PHI2010 - Introduction to Philosophy *Credits: 3*
- THE1000 - Theatre Appreciation *Credits: 3*

One of the Following:

- AMH2010 - United States History to 1877 *Credits: 3*
- AMH2010H - United States History to 1877 Honors *Credits: 3*
- AMH2020 - United States History Since 1877 *Credits: 3*
- AMH2020H - United States History Since 1877 Honors *Credits: 3*
- POS2041 - American National Government *Credits: 3*
- POS2041H - American National Government Honors *Credits: 3*

One of the Following:

- PHY1020 - Elementary Physics for the Nonscience Majors *Credits: 3*
- PHY1053C - General Physics I with Lab *Credits: 4*
- PHY2048C - General Physics with Calculus I with Lab *Credits: 5*

- PHY2048CH - General Physics with Calculus with Lab Honors *Credits: 5*

Total Credit Hours: 60

Engineering Technology - Quality Specialization, A.S.

2298: A.S. Degree in Engineering Technology - Quality Specialization (60 Credit Hours)
CIP: 15.0000
FL CIP: 1615000001
SOC: 17-3027

The Associate in Science program in Engineering Technology - Quality Specialization provides training for the advanced quality related positions in the medical and manufacturing industries. Manufacturing processes, production management, survey of electronics, quality control, statistics, quality management, instruments techniques and measurement, geometric dimensioning and tolerancing, industrial safety and concepts of Lean Manufacturing and Six Sigma are all covered in this program.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

The Economic Security Report provides students, parents and others with employment, earnings and other outcome information on graduates of Florida's public institutions of higher education, e.g., State University System, Florida College System and District Technical Centers. To view the report, please go to https://pr.cf.edu/files/community/economic-security-report.pdf.

Requirements

Quality Specialization Courses

- CGS2103 - Spreadsheet Applications *Credits: 3*
- MAN2582 - Introduction to Project Management *Credits: 3*
- ETI1622 - Concepts of Lean Manufacturing and Six Sigma *Credits: 3*
- ETI2623 - Lean Enterprise for the Expert *Credits: 3*
- ETI1628 - Developing and Coaching Self-Directed Work Teams *Credits: 3*
- ETI2610 - Six Sigma for the Expert *Credits: 3*

Program Core Courses

- CGS1100 - Microcomputer Applications *Credits: 3*
- EGN1111 - Engineering Graphics *Credits: 3*
- ETI1411 - Manufacturing Processes I *Credits: 3*
- ETI1117 - Introduction to Quality Control *Credits: 3*
- EET1084 - Survey of Electronics *Credits: 3*
- ETI1720C - Industrial Safety *Credits: 3*
- ETI1151 - Instrument Techniques and Measurement *Credits: 3*

Program Electives

Choose 6 credits from the courses listed below:

- EET1082 - Introduction to Electronics *Credits: 3*
- MAN2021 - Principles of Management *Credits: 3*
- EGS1949 - Work Experience I *Credits: 3*
- ETI1843 - Motors and Controls *Credits: 3*
- ETM2401 - Mechanical Devices and Systems *Credits: 3*
- ETS1535 - Automation Process Control *Credits: 3*
- ETS1540 - Industrial Applications Using PLCs and Robotics *Credits: 3*
- ETS1542 - Introduction to PLCs *Credits: 3*
- ETS1700 - Hydraulics and Pneumatics *Credits: 3*
- TRA2154 - Introduction to Supply Chain Management *Credits: 3*
- TRA2010 - Transportation and Distribution *Credits: 3*
- TRA2131 - Purchasing and Inventory Management *Credits: 3*
- TRA2230 - Warehouse Management *Credits: 3*
- MAC1105 - College Algebra *Credits: 3* **
- MAC1114 - Trigonometry *Credits: 3*
- MAC1140 - Precalculus (Algebra) *Credits: 3* **
- MAC1147 - Precalculus Algebra/Trigonometry *Credits: 5* **
- MAC2311 - Calculus I with Analytic Geometry *Credits: 5* **
- MAC2312 - Calculus II with Analytic Geometry *Credits: 5* **
- PHY2048C - General Physics with Calculus I with Lab *Credits: 5*
- ENC1102 - Freshman Composition Skills II *Credits: 3* **
- OST1100 - Introduction to Word *Credits: 3*
- ETD2364 - 3D Modeling with Solid Works *Credits: 3*
- EGS1006 - Introduction to the Engineering Profession *Credits: 1*
- EGN1007C - Engineering Concepts and Measures *Credits: 1*

General Education Courses

- ENC1101 - Freshman Composition Skills I *Credits: 3* **

One of the Following:

- MAC1105 - College Algebra *Credits: 3* **
- MAC1105H - Honors College Algebra *Credits: 3* **

- MAC2311 - Calculus I with Analytic Geometry *Credits: 5* **
- MAC2311H - Calculus I with Analytic Geometry Honors *Credits: 5* **
- MGF1130 - Thinking Mathematically *Credits: 3* **
- STA2023 - Elementary Statistics *Credits: 3* **
- STA2023H - Honors Elementary Statistics *Credits: 3* **

One of the Following:

- ARH1000 - Art Appreciation *Credits: 3*
- HUM1020 - Introduction to the Humanities *Credits: 3*
- HUM1020H - Honors Introduction to the Humanities *Credits: 3*
- LIT1000 - Introduction to Literature *Credits: 3*
- MUL1010 - Music Appreciation *Credits: 3*
- PHI2010 - Introduction to Philosophy *Credits: 3*
- THE1000 - Theatre Appreciation *Credits: 3*

One of the Following:

- AMH2010 - United States History to 1877 *Credits: 3*
- POS2041H - American National Government Honors *Credits: 3*
- AMH2020 - United States History Since 1877 *Credits: 3*
- AMH2010H - United States History to 1877 Honors *Credits: 3*
- POS2041 - American National Government *Credits: 3*
- AMH2020H - United States History Since 1877 Honors *Credits: 3*

One of the Following:

- AST1002 - Descriptive Astronomy *Credits: 3*
- BSC1005 - Introduction to Biology *Credits: 3*
- BSC1005H - Introduction to Biology Honors *Credits: 3*
- BSC2010 - Integrated Principles of Biology I *Credits: 3*
- BSC2085 - Human Anatomy and Physiology I *Credits: 3*
- CHM1020 - Chemistry for Liberal Studies *Credits: 4*
- CHM2045 - General Chemistry I *Credits: 3*
- ESC1000 - Earth Science *Credits: 3*
- EVR1001 - Introduction to Environmental Science *Credits: 3*
- EVR1001H - Introduction to Environmental Science Honors *Credits: 3*
- PHY1020 - Elementary Physics for the Nonscience Majors *Credits: 3*
- PHY1053C - General Physics I with Lab *Credits: 4*
- PHY2048C - General Physics with Calculus I with Lab *Credits: 5*
- PHY2048CH - General Physics with Calculus with Lab Honors *Credits: 5*

Total Credit Hours: 60

Engineering Technology - Supply Chain Automation Specialization, A.S.

2382: A.S. Degree in Engineering Technology - Supply Chain Automation Specialization (60 Credit Hours)
CIP: 15.0000
FL CIP: 1615000001
SOC: 17-3027

The purpose of this program is to prepare students for initial employment with an occupational title as a Supply Chain Automation Engineering Technician, Supply Chain and Operations Management, Manufacturing Engineering Technician, Advanced Manufacturing or Production Technician in various specialized areas, or to provide supplemental training for persons previously or currently employed in these occupations to install, operate, support, upgrade or maintain automated material handling equipment and systems that support the supply chain and automated distribution centers.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

The Economic Security Report provides students, parents and others with employment, earnings and other outcome information on graduates of Florida's public institutions of higher education, e.g., State University System, Florida College System and District Technical Centers. To view the report, please go to https://pr.cf.edu/files/community/economic-security-report.pdf.

Requirements

Program Courses

- CGS1100 - Microcomputer Applications *Credits: 3*
- EGN1111 - Engineering Graphics *Credits: 3*
- EET1084 - Survey of Electronics *Credits: 3*
- ETI1411 - Manufacturing Processes I *Credits: 3*
- ETI1117 - Introduction to Quality Control *Credits: 3*
- ETI1720C - Industrial Safety *Credits: 3*
- ETI1151 - Instrument Techniques and Measurement *Credits: 3*
- ETI1843 - Motors and Controls *Credits: 3*
- ETS1542 - Introduction to PLCs *Credits: 3*
- ETS1540 - Industrial Applications Using PLCs and Robotics *Credits: 3*

- TRA2230 - Warehouse Management *Credits: 3*
- ETI1622 - Concepts of Lean Manufacturing and Six Sigma *Credits: 3*
- ETM2401 - Mechanical Devices and Systems *Credits: 3*
- ETS1700 - Hydraulics and Pneumatics *Credits: 3*

General Education Courses

- ENC1101 - Freshman Composition Skills I *Credits: 3*

One of the Following:

- MAC1105 - College Algebra *Credits: 3*
- MAC1105H - Honors College Algebra *Credits: 3*
- MAC2311 - Calculus I with Analytic Geometry *Credits: 5*
- MAC2311H - Calculus I with Analytic Geometry Honors *Credits: 5*
- MGF1130 - Thinking Mathematically *Credits: 3*
- STA2023 - Elementary Statistics *Credits: 3*
- STA2023H - Honors Elementary Statistics *Credits: 3*

One of the Following:

- ARH1000 - Art Appreciation *Credits: 3*
- HUM1020 - Introduction to the Humanities *Credits: 3*
- HUM1020H - Honors Introduction to the Humanities *Credits: 3*
- LIT1000 - Introduction to Literature *Credits: 3*
- MUL1010 - Music Appreciation *Credits: 3*
- PHI2010 - Introduction to Philosophy *Credits: 3*
- THE1000 - Theatre Appreciation *Credits: 3*

One of the Following:

- AMH2010 - United States History to 1877 *Credits: 3*
- AMH2010H - United States History to 1877 Honors *Credits: 3*
- AMH2020 - United States History Since 1877 *Credits: 3*
- AMH2020H - United States History Since 1877 Honors *Credits: 3*
- POS2041 - American National Government *Credits: 3*
- POS2041H - American National Government Honors *Credits: 3*

One of the Following:

- PHY1020 - Elementary Physics for the Nonscience Majors *Credits: 3*
- PHY1053C - General Physics I with Lab *Credits: 4*
- PHY2048C - General Physics with Calculus I with Lab *Credits: 5*

Elective

Choose one of the following:

- ETI1622 - Concepts of Lean Manufacturing and Six Sigma *Credits: 3*
- ETI1628 - Developing and Coaching Self-Directed Work Teams *Credits: 3*
- TRA2010 - Transportation and Distribution *Credits: 3*
- TRA2230 - Warehouse Management *Credits: 3*

Total Credit Hours: 60

Equine Studies - Business Management Specialization, A.S.

2292: A.S. Degree in Equine Studies - Business Management Specialization (60 Credit Hours)
CIP: 01.0507
FL CIP: 1101050701
SOC: 39-2011

The Equine Business Management Specialization under the Associate in Science degree in Equine Studies is ideal for the student who plans to manage an equine farm, equine retail center or establish a service-based equine business like massage therapy, photographer, transportation, sales agent or similar business. Graduates may seek employment in one of these fields or develop their own business as entrepreneurs. Course work includes science-based classes such as nutrition, behavior, anatomy, health care or conformation as well as business-based classes such as business management or sales and marketing. Additional information about this program can be found at CF.edu/Equine or by calling 352-854-2322, ext.1424.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

The Economic Security Report provides students, parents and others with employment, earnings and other outcome information on graduates of Florida's public institutions of higher education, e.g., State University System, Florida College System and District Technical Centers. To view the report, please go to https://pr.cf.edu/files/community/economic-security-report.pdf.

Requirements

Program Core Courses

Note: ENC1102 recommended for A.A. degree

- ANS1073C - Equine Anatomy and Physiology *Credits: 3*
- CGS1100 - Microcomputer Applications *Credits: 3*
- ANS1238C - Equine Behavior and Psychology *Credits: 3*
- ANS1237C - Equine Health Care *Credits: 3*

- OST2335 - Business Communications *Credits: 3* **

  OR
- ENC1102 - Freshman Composition Skills II *Credits: 3* **
- ANS2403 - Equine Nutrition *Credits: 3*
- ANS1016 - Basic Horse Handling and Safety *Credits: 3*

  OR
- ANS2232C - Advanced Horse Handling Skills *Credits: 3*
- ANS1949 - Work Experience I *Credits: 3*

Business Management Specialization

- ANS1223 - Equine Conformation Analysis *Credits: 3*
- ANS1315 - Equine Reproduction *Credits: 3*
- ANS1222 - Equine Sales and Marketing *Credits: 3*
- AEB2137C - Equine Business Management *Credits: 3*

Equine Electives (9 Credits)

- ANS1236 - Introduction to Equine Science *Credits: 3*
- ANS1220 - Equine Sport and Competition *Credits: 3*
- SPN1120 - Elementary Spanish I *Credits: 4*
- AEB1930 - Agribusiness and Equine Career Readiness *Credits: 3*
- AEB2192 - Farm Records and Accounts *Credits: 3*
- AGR1234 - Forage Science and Range Management *Credits: 3*
- AOM2316 - Agricultural Machinery and Equipment *Credits: 3*
- ATE2623 - Equine First Aid *Credits: 3*
- Additional Equine credits (maximum of 9 credits from other Equine specialization)

General Education Courses

- ENC1101 - Freshman Composition Skills I *Credits: 3* **

One of the Following:

- MAC1105 - College Algebra *Credits: 3* **
- MAC1105H - Honors College Algebra *Credits: 3* **
- MAC2311 - Calculus I with Analytic Geometry *Credits: 5* **
- MAC2311H - Calculus I with Analytic Geometry Honors *Credits: 5* **
- MGF1130 - Thinking Mathematically *Credits: 3* **
- STA2023 - Elementary Statistics *Credits: 3* **
- STA2023H - Honors Elementary Statistics *Credits: 3* **

One of the Following:

- ARH1000 - Art Appreciation *Credits: 3*
- HUM1020 - Introduction to the Humanities *Credits: 3*
- HUM1020H - Honors Introduction to the Humanities *Credits: 3*
- LIT1000 - Introduction to Literature *Credits: 3*
- MUL1010 - Music Appreciation *Credits: 3*
- PHI2010 - Introduction to Philosophy *Credits: 3*
- THE1000 - Theatre Appreciation *Credits: 3*

One of the Following:

- AMH2010 - United States History to 1877 *Credits: 3*
- AMH2010H - United States History to 1877 Honors *Credits: 3*
- AMH2020 - United States History Since 1877 *Credits: 3*
- AMH2020H - United States History Since 1877 Honors *Credits: 3*
- POS2041 - American National Government *Credits: 3*
- POS2041H - American National Government Honors *Credits: 3*

One of the Following:

- AST1002 - Descriptive Astronomy *Credits: 3*
- BSC1005 - Introduction to Biology *Credits: 3*
- BSC1005H - Introduction to Biology Honors *Credits: 3*
- BSC2010 - Integrated Principles of Biology I *Credits: 3*
- BSC2085 - Human Anatomy and Physiology I *Credits: 3*
- CHM1020 - Chemistry for Liberal Studies *Credits: 4*
- CHM2045 - General Chemistry I *Credits: 3*
- ESC1000 - Earth Science *Credits: 3*
- EVR1001 - Introduction to Environmental Science *Credits: 3*
- EVR1001H - Introduction to Environmental Science Honors *Credits: 3*
- PHY1020 - Elementary Physics for the Nonscience Majors *Credits: 3*
- PHY1053C - General Physics I with Lab *Credits: 4*
- PHY2048C - General Physics with Calculus I with Lab *Credits: 5*
- PHY2048CH - General Physics with Calculus with Lab Honors *Credits: 5*

Total Credit Hours: 60

Equine Studies - Equine Exercise Physiology, A.S.

2309: A.S. Degree in Equine Studies - Equine Exercise Physiology (60 Credit Hours)
CIP: 01.0507
FL CIP: 1101050701
SOC: 39-2011

The Equine Exercise Physiology Specialization under the Associate in Science degree in Equine Studies focuses on studying the physical aspects of the equine athlete. Muscle physiology, conditioning techniques, manual therapeutic support, injury and rehabilitation are critical components involved in the training and support of high performance horses. Students also will study the role of farrier science as well as tack and equipment. Typical employment following completion of this program includes positions as trainers, grooms, rehabilitation technicians and equine veterinary technicians. Additional information about this program can be found at CF.edu/Equine or by calling 352-854-2322, ext. 1424.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

The Economic Security Report provides students, parents and others with employment, earnings and other outcome information on graduates of Florida's public institutions of higher education, e.g., State University System, Florida College System and District Technical Centers. To view the report, please go to https://pr.cf.edu/files/community/economic-security-report.pdf.

Requirements

Program Core Courses

Note: ENC1102 is recommended for A.A. degree

- ANS1073C - Equine Anatomy and Physiology *Credits: 3*
- ANS1016 - Basic Horse Handling and Safety *Credits: 3*

  OR
- ANS2232C - Advanced Horse Handling Skills *Credits: 3*
- CGS1100 - Microcomputer Applications *Credits: 3*
- ANS1238C - Equine Behavior and Psychology *Credits: 3*
- ENC1102 - Freshman Composition Skills II *Credits: 3* **

  OR
- OST2335 - Business Communications *Credits: 3* **
- ANS2403 - Equine Nutrition *Credits: 3*
- ANS1237C - Equine Health Care *Credits: 3*
- ANS1949 - Work Experience I *Credits: 3*

Exercise Physiology Specialization

- ANS2072C - Equine Manual Therapies *Credits: 3*
- ANS2075 - Equine Locomotion *Credits: 3*
- ANS2074C - Injury and Rehabilitation of Horses *Credits: 3*
- ANS2076C - Physiology of Equine Exercise *Credits: 3*

Equine Electives (9 Credits)

- ANS1236 - Introduction to Equine Science *Credits: 3*
- ANS1220 - Equine Sport and Competition *Credits: 3*
- SPN1120 - Elementary Spanish I *Credits: 4*
- AEB1930 - Agribusiness and Equine Career Readiness *Credits: 3*
- AEB2192 - Farm Records and Accounts *Credits: 3*
- AGR1234 - Forage Science and Range Management *Credits: 3*
- AOM2316 - Agricultural Machinery and Equipment *Credits: 3*
- ATE2623 - Equine First Aid *Credits: 3*
- Additional Equine credits (maximum of 9 credits from other Equine specialization)

General Education Courses

- ENC1101 - Freshman Composition Skills I *Credits: 3* **

One of the Following:

- MAC1105 - College Algebra *Credits: 3* **
- MAC1105H - Honors College Algebra *Credits: 3* **
- MAC2311 - Calculus I with Analytic Geometry *Credits: 5* **
- MAC2311H - Calculus I with Analytic Geometry Honors *Credits: 5* **
- MGF1130 - Thinking Mathematically *Credits: 3* **
- STA2023 - Elementary Statistics *Credits: 3* **
- STA2023H - Honors Elementary Statistics *Credits: 3* **

One of the Following:

- ARH1000 - Art Appreciation *Credits: 3*
- HUM1020 - Introduction to the Humanities *Credits: 3*
- HUM1020H - Honors Introduction to the Humanities *Credits: 3*
- LIT1000 - Introduction to Literature *Credits: 3*
- MUL1010 - Music Appreciation *Credits: 3*
- PHI2010 - Introduction to Philosophy *Credits: 3*
- THE1000 - Theatre Appreciation *Credits: 3*

One of the Following:

- AMH2010 - United States History to 1877 *Credits: 3*

- AMH2010H - United States History to 1877 Honors *Credits: 3*
- AMH2020 - United States History Since 1877 *Credits: 3*
- AMH2020H - United States History Since 1877 Honors *Credits: 3*
- POS2041 - American National Government *Credits: 3*
- POS2041H - American National Government Honors *Credits: 3*

One of the Following:

- AST1002 - Descriptive Astronomy *Credits: 3*
- BSC1005 - Introduction to Biology *Credits: 3*
- BSC1005H - Introduction to Biology Honors *Credits: 3*
- BSC2010 - Integrated Principles of Biology I *Credits: 3*
- BSC2085 - Human Anatomy and Physiology I *Credits: 3*
- CHM1020 - Chemistry for Liberal Studies *Credits: 4*
- CHM2045 - General Chemistry I *Credits: 3*
- ESC1000 - Earth Science *Credits: 3*
- EVR1001 - Introduction to Environmental Science *Credits: 3*
- EVR1001H - Introduction to Environmental Science Honors *Credits: 3*
- PHY1020 - Elementary Physics for the Nonscience Majors *Credits: 3*
- PHY1053C - General Physics I with Lab *Credits: 4*
- PHY2048C - General Physics with Calculus I with Lab *Credits: 5*
- PHY2048CH - General Physics with Calculus with Lab Honors *Credits: 5*

Total Credit Hours: 60

Fire Science Technology, A.S.

2375: A.S. Degree in Fire Science Technology (60 Credit Hours)
CIP: 43.0201
FL CIP: 1743020112
SOC: 33-1021

The Fire Science Technology degree program offers the student a scientific understanding of fire and emergency hazards, with emphasis on effective prevention, control and management. The program will provide students an enhanced opportunity as current firefighters and staff to pursue various professional opportunities in Public Safety. General education courses are included to prepare the graduate to communicate and work effectively with all levels of society.

Alternative Ways to Earn Credit

Once a Fire Science Technology student has earned 15 or more college credits from within the Fire Science Technology program coursework (courses with an FFP prefix) at the College of Central Florida, they may be eligible for the following award of credits through course equivalency:

- Students who possess a recognized Florida State certification as a Fire Officer, Fire Inspector, Fire Instructor, or Safety Officer may also be eligible to receive college credit for specific courses in this program. Please refer to the Florida State Fire Marshal website for information on state certifications: https://www.myfloridacfo.com/division/sfm/bfst/standards/fire-certifications
- Students who are a Florida certified EMT and/or Paramedic may be eligible for up to 9 credits toward A.S. degree program electives upon review.
- Students seeking an A.S. degree in Fire Science Technology will only be awarded credit hours for training if the Paramedic training was completed at a CoAEMSP accredited program.
- 25% residency requirement mandated by the Southern Association of Colleges and Schools Commission on Colleges (Students must have earned a minimum of 25% of the credits toward their degree at CF)

This program may be eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

The Economic Security Report provides students, parents and others with employment, earnings and other outcome information on graduates of Florida's public institutions of higher education, e.g., State University System, Florida College System and District Technical Centers. To view the report, please go to https://pr.cf.edu/files/community/economic-security-report.pdf.

Requirements

Program Courses

- FFP1505 - Fire Prevention Practices *Credits: 3*
- FFP1510 - Codes and Standards *Credits: 3*
- FFP1540 - Private Fire Protection Systems *Credits: 3*
- FFP2810 - Fire Fighting Tactics and Strategies I *Credits: 3*
- FFP2120 - Building Construction for the Fire Service *Credits: 3*
- FFP2521 - Construction Documents and Plans Review *Credits: 3*
- FFP2720 - Company Officer *Credits: 3*
- FFP2740 - Fire Service Course Delivery *Credits: 3*
- FFP2741 - Fire Service Course Design *Credits: 3*
- FFP2811 - Fire Fighting Tactics and Strategies II *Credits: 3*

- FFP2541 - Private Fire Protection Systems II *Credits: 3*

Program Electives

Choose an additional 12 credit hours from the courses listed below:

- FFP2111 - Fire Chemistry *Credits: 3*
- FFP2770 - Ethical and Legal Issues for the Fire Service *Credits: 3*
- FFP2721 - Incident Safety Officer *Credits: 3*
- FFP2729 - Legal Issues for the Safety Officer *Credits: 3*
- FFP1722 - Health and Safety Officer *Credits: 3*
- EMS1119 - Fundamentals of Emergency Medical Technology *Credits: 7*
- EMS1119L - Fundamentals of Emergency Medical Technology Skills Laboratory *Credits: 2*

One of the following:

Choose one course in this section to satisfy the Computer Competency requirement.

- CET1171 - Introduction to Computer Technology *Credits: 3*
- CGS1100 - Microcomputer Applications *Credits: 3*
- CGS1100H - Microcomputer Applications Honors *Credits: 3*
- OST1100 - Introduction to Word *Credits: 3*
- IDS1107 - First Year Experience *Credits: 3*
- SLS1122 - First Year Seminar *Credits: 3*
- SLS1501 - College and Career Success *Credits: 3*

General Education Courses

- ENC1101 - Freshman Composition Skills I *Credits: 3* **

One of the Following:

- MAC1105 - College Algebra *Credits: 3* **
- MAC1105H - Honors College Algebra *Credits: 3* **
- MAC2311 - Calculus I with Analytic Geometry *Credits: 5* **
- MAC2311H - Calculus I with Analytic Geometry Honors *Credits: 5* **
- MGF1130 - Thinking Mathematically *Credits: 3* **
- STA2023 - Elementary Statistics *Credits: 3* **
- STA2023H - Honors Elementary Statistics *Credits: 3* **

One of the Following:

- ARH1000 - Art Appreciation *Credits: 3*
- HUM1020 - Introduction to the Humanities *Credits: 3*
- HUM1020H - Honors Introduction to the Humanities *Credits: 3*
- LIT1000 - Introduction to Literature *Credits: 3*
- MUL1010 - Music Appreciation *Credits: 3*
- PHI2010 - Introduction to Philosophy *Credits: 3*
- THE1000 - Theatre Appreciation *Credits: 3*

One of the Following:

- AMH2010 - United States History to 1877 *Credits: 3*
- AMH2010H - United States History to 1877 Honors *Credits: 3*
- AMH2020 - United States History Since 1877 *Credits: 3*
- AMH2020H - United States History Since 1877 Honors *Credits: 3*
- POS2041 - American National Government *Credits: 3*
- POS2041H - American National Government Honors *Credits: 3*

One of the Following:

- AST1002 - Descriptive Astronomy *Credits: 3*
- BSC1005 - Introduction to Biology *Credits: 3*
- BSC1005H - Introduction to Biology Honors *Credits: 3*
- BSC2010 - Integrated Principles of Biology I *Credits: 3*
- BSC2085 - Human Anatomy and Physiology I *Credits: 3*
- CHM1020 - Chemistry for Liberal Studies *Credits: 4*
- CHM2045 - General Chemistry I *Credits: 3*
- ESC1000 - Earth Science *Credits: 3*
- EVR1001 - Introduction to Environmental Science *Credits: 3*
- EVR1001H - Introduction to Environmental Science Honors *Credits: 3*
- PHY1020 - Elementary Physics for the Nonscience Majors *Credits: 3*
- PHY1053C - General Physics I with Lab *Credits: 4*
- PHY2048C - General Physics with Calculus I with Lab *Credits: 5*

Total Credit Hours: 60

Graphics Technology. A.S.

2351: A.S. Degree in Graphics Technology (64 Credit Hours)
CIP: 11.0803
FL CIP: 1611080300
SOC: 27-1024

The Associate in Science degree in Graphics Technology provides students with the skills, experience, and knowledge of process to begin a career in the graphic design field. The program

emphasizes the development of a design process that begins with the presentation of a design need by a client, continues through research and conceptualization phases, and culminates in press- or screen-ready artwork. Communication between the designer and the client is emphasized and practiced.

Students learn universal design theory and principles such as typography, color theory, balance, symmetry, composition, visual and aesthetic appeal. Students address business and marketing concerns by understanding effective written communication (the development of advertising content, etc.), page layout, and storytelling to best serve the clients' needs across a variety of media outputs. They are able to integrate that knowledge into print-based and digital multimedia environments using the latest industry standard hardware, software, and techniques. Students advance their skills by exploring a variety of media such as imagery, sound and video and integrating that media into a variety of environments. Students are introduced to front-end web development skills.

Through hands-on projects and practical exercises, students develop the ability to use critical thinking, creative thinking, and problem solving to progress from concept to production and to effectively communicate throughout the process. They experience scenarios that require effective teaming, exceptional individual effort and the ability to succeed in true-to-life, high-demand, and high-pressure situations. Students have many opportunities to develop a portfolio, build their resume, and begin networking in the industry. This program offers students the ability to earn two college credit certificates in Digital Media/Multimedia Authoring and Graphic Design Support as a part of the Associate in Science degree.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

The Economic Security Report provides students, parents and others with employment, earnings and other outcome information on graduates of Florida's public institutions of higher education, e.g., State University System, Florida College System and District Technical Centers. To view the report, please go to https://pr.cf.edu/files/community/economic-security-report.pdf.

Requirements

Program Courses

- DIG2000 - Introduction to Digital Media *Credits: 3*
- ART1201C - Basic Design I *Credits: 3*
- ART1300C - Freehand Drawing I *Credits: 3*
- GRA2156C - Digital Illustration Vector Based (Adobe Illustrator) *Credits: 3*
- GRA2150C - Raster Based Image Editing (Adobe Photoshop) *Credits: 3*
- GRA2120C - Paper Design and Layout (Adobe InDesign) *Credits: 3*
- DIG2109C - Digital Imaging and Fundamentals *Credits: 3*
- DIG2280C - Digital Video and Sounds *Credits: 3*
- DIG2500 - Fundamentals of Interactive Media and Web Design *Credits: 3*
- PGY2801C - Digital Photography I *Credits: 3*
- GRA2100 - Introduction to Graphic Design *Credits: 3*
- GRA2206 - Principles of Typography *Credits: 3*
- GRA2144 - Web Design for Graphic Designers *Credits: 3*
- GRA2123 - Packaging Design *Credits: 3*
- GRA2177 - Corporate Branding and Identity *Credits: 3*
- GRA2180 - Graphic Design Capstone/ Portfolio Development *Credits: 1*
- GRA 1949 - Graphics Technology Co-Op I *Credits: 3*

General Education Courses

- ENC1101 - Freshman Composition Skills I *Credits: 3*

One of the Following:

- MAC1105 - College Algebra *Credits: 3*
- MAC1105H - Honors College Algebra *Credits: 3*
- MAC2311 - Calculus I with Analytic Geometry *Credits: 5*
- MAC2311H - Calculus I with Analytic Geometry Honors *Credits: 5*
- MGF1130 - Thinking Mathematically *Credits: 3*
- STA2023 - Elementary Statistics *Credits: 3*
- STA2023H - Honors Elementary Statistics *Credits: 3*

One of the Following:

- ARH1000 - Art Appreciation *Credits: 3*
- HUM1020 - Introduction to the Humanities *Credits: 3*
- HUM1020H - Honors Introduction to the Humanities *Credits: 3*
- LIT1000 - Introduction to Literature *Credits: 3*
- MUL1010 - Music Appreciation *Credits: 3*
- PHI2010 - Introduction to Philosophy *Credits: 3*
- THE1000 - Theatre Appreciation *Credits: 3*

One of the Following:

- AMH2010 - United States History to 1877 *Credits: 3*
- AMH2010H - United States History to 1877 Honors *Credits: 3*
- AMH2020 - United States History Since 1877 *Credits: 3*
- AMH2020H - United States History Since 1877 Honors *Credits: 3*
- POS2041 - American National Government *Credits: 3*

- POS2041H - American National Government Honors *Credits: 3*

One of the Following:

- AST1002 - Descriptive Astronomy *Credits: 3*
- BSC1005 - Introduction to Biology *Credits: 3*
- BSC1005H - Introduction to Biology Honors *Credits: 3*
- BSC2010 - Integrated Principles of Biology I *Credits: 3*
- BSC2085 - Human Anatomy and Physiology I *Credits: 3*
- CHM1020 - Chemistry for Liberal Studies *Credits: 4*
- CHM2045 - General Chemistry I *Credits: 3*
- ESC1000 - Earth Science *Credits: 3*
- EVR1001 - Introduction to Environmental Science *Credits: 3*
- EVR1001H - Introduction to Environmental Science Honors *Credits: 3*
- GLY2010C - Physical Geology with Lab *Credits: 4*
- OCE1001 - Introductory Oceanography *Credits: 3*
- PHY1020 - Elementary Physics for the Nonscience Majors *Credits: 3*
- PHY1053C - General Physics I with Lab *Credits: 4*
- PHY2048C - General Physics with Calculus I with Lab *Credits: 5*
- PHY2048CH - General Physics with Calculus with Lab Honors *Credits: 5*

Total Credit Hours: 64

Hospitality and Tourism Management, A.S.

2390: A.S. Degree in Hospitality and Tourism Management (60 Credit Hours)
CIP: 52.0901
FL CIP: 1252090101
SOC: 11-9081

The Associate in Science in Hospitality and Tourism Management at CF provides students with a broad understanding and solid foundation of knowledge in business, leadership and management.

Hospitality and tourism management involves the performance, management, and administrative functions of tourism industry operations. Our program helps to impart knowledge in all of the areas that an organization can encompass, such as human resources, financial accounting, customer service, marketing, operations and management.

In addition, students will learn multiple skills while completing their Associate in Science degree, including:

- Principles of hospitality and tourism
- Customer service
- Financial Accounting
- Marketing and digital media for tourism
- Event and conference planning
- Sustainable tourism practices
- Leadership and human resource management
- Hospitality law
- Food and beverage management

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

The Economic Security Report provides students, parents and others with employment, earnings and other outcome information on graduates of Florida's public institutions of higher education, e.g., State University System, Florida College System and District Technical Centers. To view the report, please go to https://www.pr.cf.edu/files/community/economic-security-report.pdf.

Requirements

Program Courses

- HFT1000 - Introduction to the Hospitality and Tourism Industry *Credits: 3*
- CGS1100 - Microcomputer Applications *Credits: 3*
- HFT2210 - Hospitality Management and Leadership *Credits: 3*
- HFT2254 - Lodging Operations *Credits: 3*
- HFT2245 - Guest Service Management *Credits: 3*
- ACG2021 - Financial Accounting *Credits: 3*
- FSS1206C - Quantity Food Production for Hospitality and Restaurant Managers *Credits: 3*
- HFT2750 - The Event Industry *Credits: 3*
- HFT2261 - Restaurant and Food Service Management *Credits: 3*
- MAR2011 - Principles of Marketing *Credits: 3*
- HFT2461 - Hotel Sales and Revenue Management *Credits: 3*
- HFT2223 - Hospitality Human Resource Management *Credits: 3*
- HFT1949 - Hospitality and Tourism Co-op *Credits: 3*

Program Electives

Choose an additional 6 credit hours from the courses listed below:

- HFT1078 - Sustainability in Hospitality and Tourism *Credits: 3*
- HFT2213 - Hospitality Safety, Sanitation and Risk Management *Credits: 3*

- BUL2241 - Business Law I *Credits: 3*
- ETI1628 - Developing and Coaching Self-Directed Work Teams *Credits: 3*
- GEB2430 - Ethics in Management *Credits: 3*
- OST2335 - Business Communications *Credits: 3*

General Education Courses

- ENC1101 - Freshman Composition Skills I *Credits: 3* **

One of the following:

- MAC1105 - College Algebra *Credits: 3* **
- MAC1105H - Honors College Algebra *Credits: 3* **
- MAC2311 - Calculus I with Analytic Geometry *Credits: 5* **
- MAC2311H - Calculus I with Analytic Geometry Honors *Credits: 5* **
- MGF1130 - Thinking Mathematically *Credits: 3* **
- STA2023 - Elementary Statistics *Credits: 3* **
- STA2023H - Honors Elementary Statistics *Credits: 3* **

One of the following:

- ARH1000 - Art Appreciation *Credits: 3*
- HUM1020 - Introduction to the Humanities *Credits: 3*
- HUM1020H - Honors Introduction to the Humanities *Credits: 3*
- LIT1000 - Introduction to Literature *Credits: 3*
- MUL1010 - Music Appreciation *Credits: 3*
- PHI2010 - Introduction to Philosophy *Credits: 3*
- THE1000 - Theatre Appreciation *Credits: 3*

One of the following:

- AMH2010 - United States History to 1877 *Credits: 3*
- AMH2010H - United States History to 1877 Honors *Credits: 3*
- AMH2020 - United States History Since 1877 *Credits: 3*
- AMH2020H - United States History Since 1877 Honors *Credits: 3*
- POS2041 - American National Government *Credits: 3*
- POS2041H - American National Government Honors *Credits: 3*

One of the following:

- AST1002 - Descriptive Astronomy *Credits: 3*
- BSC1005 - Introduction to Biology *Credits: 3*
- BSC1005H - Introduction to Biology Honors *Credits: 3*
- BSC2010 - Integrated Principles of Biology I *Credits: 3*
- BSC2085 - Human Anatomy and Physiology I *Credits: 3*
- CHM1020 - Chemistry for Liberal Studies *Credits: 4*
- CHM2045 - General Chemistry I *Credits: 3*
- ESC1000 - Earth Science *Credits: 3*
- EVR1001 - Introduction to Environmental Science *Credits: 3*
- GLY2010C - Physical Geology with Lab *Credits: 4*
- OCE1001 - Introductory Oceanography *Credits: 3*
- PHY1020 - Elementary Physics for the Nonscience Majors *Credits: 3*
- PHY1053C - General Physics I with Lab *Credits: 4*
- PHY2048C - General Physics with Calculus I with Lab *Credits: 5*
- PHY2048CH - General Physics with Calculus with Lab Honors *Credits: 5*

Total Credit Hours: 60

Medical Office Administration, A.S.

2247: A.S. Degree in Medical Office Administration (60 Credit Hours)
CIP: 51.0705
FL CIP: 1551070500
SOC: 43-1011

This two-year program is designed to give students the administrative expertise needed to keep medical offices running smoothly and efficiently. Students will gain hands-on experience in areas like medical terminology, insurance processing, billing, and essential front-office operations, preparing them for employment.

With this degree, students will be ready for exciting roles such as a medical administrative assistant, patient services representative, or healthcare receptionist in a variety of healthcare settings including hospitals, clinics, and specialized medical practices.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

The Economic Security Report provides students, parents and others with employment, earnings and other outcome information on graduates of Florida's public institutions of higher education, e.g., State University System, Florida College System and District Technical Centers. To view the report, please go to https://pr.cf.edu/files/community/economic-security-report.pdf.

Requirements

Program Courses

- OST1100 - Introduction to Word *Credits: 3*
- CGS1100 - Microcomputer Applications *Credits: 3*
- OST2335 - Business Communications *Credits: 3* **
- OST1110 - Intermediate Word *Credits: 3*

- HSC2531 - Medical Terminology *Credits: 3*
- OST1384 - Customer Service *Credits: 3*
- OST2401 - Office Administration: Procedures *Credits: 3*
- OST1949 - Work Experience I *Credits: 3*
- ACG2021 - Financial Accounting *Credits: 3*
- OST2461 - Medical Office Procedures *Credits: 3*
- OST2717 - Advanced Word *Credits: 3*

  OR
- OST2402 - Office Administration: Simulation *Credits: 3*

Program Electives

Choose an additional 12 credit hours from the courses listed below:

- ACG2450 - Integrated Accounting *Credits: 3*
- BSC2085L - Human Anatomy and Physiology I Lab *Credits: 1*
- BSC2086 - Human Anatomy and Physiology II *Credits: 3*
- BSC2086L - Human Anatomy and Physiology II Lab *Credits: 1*
- CET1171 - Introduction to Computer Technology *Credits: 3*
- CGS2103 - Spreadsheet Applications *Credits: 3*
- CGS2540 - Database Management Systems *Credits: 3*
- ECO2013 - Principles of Economics - Macro *Credits: 3*
- GEB1011 - Introduction to Business *Credits: 3*
- GEB2350 - Introduction to International Business *Credits: 3*
- GEB2430 - Ethics in Management *Credits: 3*
- HIM1000 - Introduction to Healthcare and Health Information Technology *Credits: 3*
- HIM1430 - Concepts of Disease *Credits: 3*
- HIM2012 - Legal Aspects of Medical Records *Credits: 3*
- HIM2253 - CPT Coding *Credits: 3*
- HIM2260 - Medical Billing and Reimbursement *Credits: 3*
- HIM2442 - Pharmacology for HIM Professionals *Credits: 2*
- HIM2722 - ICD-10-CM Coding *Credits: 3*
- HIM2723 - ICD-10-PCS Coding *Credits: 3*
- HIM2941 - Coding Professional Practice Experience *Credits: 3*
- MAN2021 - Principles of Management *Credits: 3*

General Education Courses

- ENC1101 - Freshman Composition Skills I *Credits: 3* **

One of the Following:

- MAC1105 - College Algebra *Credits: 3* **
- MAC1105H - Honors College Algebra *Credits: 3* **
- MAC2311 - Calculus I with Analytic Geometry *Credits: 5* **
- MAC2311H - Calculus I with Analytic Geometry Honors *Credits: 5* **
- MGF1130 - Thinking Mathematically *Credits: 3* **
- STA2023 - Elementary Statistics *Credits: 3* **
- STA2023H - Honors Elementary Statistics *Credits: 3* **

One of the Following:

- ARH1000 - Art Appreciation *Credits: 3*
- HUM1020 - Introduction to the Humanities *Credits: 3*
- HUM1020H - Honors Introduction to the Humanities *Credits: 3*
- LIT1000 - Introduction to Literature *Credits: 3*
- MUL1010 - Music Appreciation *Credits: 3*
- PHI2010 - Introduction to Philosophy *Credits: 3*
- THE1000 - Theatre Appreciation *Credits: 3*

One of the Following:

- AMH2010 - United States History to 1877 *Credits: 3*
- AMH2010H - United States History to 1877 Honors *Credits: 3*
- AMH2020 - United States History Since 1877 *Credits: 3*
- AMH2020H - United States History Since 1877 Honors *Credits: 3*
- POS2041 - American National Government *Credits: 3*
- POS2041H - American National Government Honors *Credits: 3*

One of the Following:

- BSC2085 - Human Anatomy and Physiology I *Credits: 3*

Total Credit Hours: 60

Nursing - L.P.N to A.D.N. Bridge

2139: A.S. Degree in Nursing - Licensed Practical Nurse to Associate Degree Nursing Bridge (60 Credit Hours)
CIP: 51.3801
FL CIP: 1351380100
SOC: 29-1141

This is a limited-access program. Please consult CF.edu/LimitedAccess for information on limited-access programs.

The bridge option is designed to build upon the LPN's education for career mobility to Associate Degree Nursing. The program prepares graduates to provide nursing care to individuals and groups with commonly occurring health problems in institutional and community settings. Upon completion of the program, graduates are eligible to apply for licensure including taking the NCLEX-RN to become registered nurses. The program is approved by the Florida Board of Nursing and accredited by the Accrediting Commission for Education in Nursing, Inc., 3390 Peachtree Road NE, Suite 1400, Atlanta, Georgia 30326, telephone 404-975-5000.

The Associate in Science Degree Nursing LPN-ADN Bridge Option is a **limited-access program**.

A limited-access program is one in which both program admission and course registration are restricted to a certain number of students meeting predetermined criteria. Limited access status is justified when student demand exceeds available resources or accreditation requirements (i.e., student/faculty ratios, instructional facilities and equipment, clinical sites) or the nature of the program calls for specific admission requirements. Limited-access programs have admissions processes and criteria beyond general college admissions. While any student meeting the minimum criteria is encouraged to apply, not all applicants may be accepted.

Criteria for Application

- Be admitted to CF in good standing.
- Completion of online information session.
- At the time the bridge application is submitted, the student must have completed or be currently enrolled in the last of the prerequisite courses required for the program.
- Minimum 2.0 college GPA and minimum 2.5 GPA for nursing curriculum courses.
- Placement testing, including the Psychological Services Bureau - RN School Aptitude exam and Health Sciences Reasoning Test - Numeracy exam.
- Preference is given to residents of the CF service area: Marion, Citrus and Levy Counties.
- Current Florida LPN License.
- Current American Heart Association Basic Life Support for Health Care Provider certification.

Additional Criteria Apply Once Admitted to the Program:

- Criminal background check.
- ADN online orientation.
- Nursing orientation.
- Physical Examination Form, Current Immunization Form, Personal History Form and minimum 10 Panel Drug Screening.
- Professional liability insurance, retained by the college and included in tuition and fees.

Application directions are explained in the required online information session. Go to CF.edu/LimitedAccess for additional information.

The program policies, including attendance, grading, progression, clinical behaviors and readmission guidelines, are found in the student handbook that each student obtains upon beginning the ADN program.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

The Economic Security Report provides students, parents and others with employment, earnings and other outcome information on graduates of Florida's public institutions of higher education, e.g., State University System, Florida College System and District Technical Centers. To view the report, please go to https://pr.cf.edu/files/community/economic-security-report.pdf.

Requirements

General Education Courses

Criteria for Required Sciences (Human Anatomy and Physiology I with lab, Human Anatomy and Physiology II with lab, and Microbiology with lab):

- Must be fewer than seven years old at the time of starting the first semester of nursing
- For science courses older than seven years applicants may choose to:
    - Retake the course(s); or
    - Pass an appropriate exam administered by the Science Department. If the applicant chooses to take an exam, he or she must make the arrangements in the Science Department. Exam is $100 per course. For both of these options, the applicant must see a Health Sciences advisor.
- All other general education courses required for the program have no time limitation

Some students may need preparatory study before taking these courses. See individual course descriptions for criteria. Preparatory courses are not part of the nursing curriculum.

- ENC1101 - Freshman Composition Skills I *Credits: 3* **
- HUN1201 - Human Nutrition *Credits: 3*
- PSY2012 - General Psychology *Credits: 3*
- MCB2010 - Microbiology *Credits: 3*
- MCB2010L - Microbiology Lab *Credits: 1*
- BSC2085 - Human Anatomy and Physiology I *Credits: 3*
- BSC2085L - Human Anatomy and Physiology I Lab *Credits: 1*

- BSC2086 - Human Anatomy and Physiology II *Credits: 3*
- BSC2086L - Human Anatomy and Physiology II Lab *Credits: 1*
- DEP2004 - Human Growth and Development *Credits: 3* **

- MAC1105 - College Algebra *Credits: 3* **

  OR
- STA2023 - Elementary Statistics *Credits: 3* **

- AMH2010 - United States History to 1877 *Credits: 3*

  OR
- AMH2020 - United States History Since 1877 *Credits: 3*

  OR
- POS2041 - American National Government *Credits: 3*

One of the Following:

- ARH1000 - Art Appreciation *Credits: 3*
- HUM1020 - Introduction to the Humanities *Credits: 3*
- HUM1020H - Honors Introduction to the Humanities *Credits: 3*
- LIT1000 - Introduction to Literature *Credits: 3*
- MUL1010 - Music Appreciation *Credits: 3*
- PHI2010 - Introduction to Philosophy *Credits: 3*
- THE1000 - Theatre Appreciation *Credits: 3*

Program Core Courses

- NUR1004C - Bridge Clinical Concepts *Credits: 7*
- NUR1520C - Behavioral Concepts in Nursing *Credits: 2*
- NUR2243C - Clinical Concepts III *Credits: 4*
- NUR2440C - Developmental Concepts in Nursing *Credits: 3*
- NUR2010 - Professional Issues in Nursing *Credits: 2*
- NUR2244C - Clinical Concepts IV *Credits: 7*
- NUR2811C - Capstone Clinical *Credits: 2*

Total Credit Hours: 60

Note:

- The required General Education course sequencing is explained in the online information session.
- It is necessary that students have reliable transportation to the assigned hospitals and clinical facilities, which are located in Citrus, Levy and Marion counties.
- Class and clinical hours may be between 7 a.m. and 10 p.m. Monday through Friday. Clinical hours may occur on Saturdays.
- The CF service district is Citrus, Levy and Marion counties. In-district residents will be accepted into the nursing programs first before any consideration will be given to out-of-district applicants.
- Credit for classroom/theory instruction, whether face-to-face or online, is one credit per 50-minute hour (1:1) for a 16-week semester. For nursing laboratory and clinical experience, one credit is earned for every three contact hours (1:3) for a 16-week semester. Nursing courses offered during nonstandard semesters will include this number of hours in the shorter semester.

Nursing - Paramedic to A.D.N. Bridge

2140: A.S. Degree in Nursing - Paramedic to Associate Degree Nursing Bridge (60 Credit Hours)
CIP: 51.3801
FL CIP: 1351380100
SOC: 29-1141

This is a limited-access program. Please consult CF.edu/LimitedAccess for information on limited-access programs.

The bridge option is designed to build upon the paramedic's education for career mobility to Associate Degree Nursing. The program prepares graduates to provide nursing care to individuals and groups with commonly occurring health problems in institutional and community settings. Upon completion of the program, graduates are eligible to apply for licensure including taking the NCLEX-RN to become registered nurses. The program is approved by the Florida Board of Nursing and accredited by the Accrediting Commission for Education in Nursing, Inc., 3390 Peachtree Road NE, Suite 1400, Atlanta, Georgia 30326, telephone 404-975-5000.

The Associate in Science Degree Nursing Paramedic-ADN Bridge Option is a **limited-access program**.

A limited-access program is one in which both program admission and course registration are restricted to a certain number of students meeting predetermined criteria. Limited access status is justified when student demand exceeds available resources or accreditation requirements (i.e., student/faculty ratios, instructional facilities and equipment, clinical sites) or the nature of the program calls for specific admission requirements. Limited-access programs have admissions processes and criteria beyond general college admissions. While any student meeting the minimum criteria is encouraged to apply, not all applicants may be accepted.

Criteria for Application

- Be admitted to CF in good standing
- Completion of online information session
- At the time the bridge application is submitted, the student must have completed or be currently enrolled in the last of the prerequisite courses required for the program
- Minimum 2.0 college GPA and minimum 2.5 GPA for nursing curriculum courses
- Placement testing, including the TEAS-RN

- Preference is given to residents of the CF service area: Marion, Citrus and Levy Counties
- Current Florida state or National Registry Paramedic certificate
- Current American Heart Association Basic Life Support for Health Care Provider certification

Additional Criteria Apply Once Admitted to the Program:

- Criminal background check
- ADN online orientation
- Nursing orientation
- Physical Examination Form, Current Immunization Form, Personal History Form and minimum 10 Panel Drug Screening
- Professional liability insurance, retained by the college and included in tuition and fees

Application directions are explained in the required online information session. Go to CF.edu/LimitedAccess for additional information.

The program policies, including attendance, grading, progression, clinical behaviors and readmission guidelines, are found in the student handbook that each student obtains upon beginning the ADN program.

The Economic Security Report provides students, parents and others with employment, earnings and other outcome information on graduates of Florida's public institutions of higher education, e.g., State University System, Florida College System and District Technical Centers. To view the report, please go to https://pr.cf.edu/files/community/economic-security-report.pdf.

Requirements

General Education Courses

Criteria for Required Sciences (Human Anatomy and Physiology I with lab, Human Anatomy and Physiology II with lab, and Microbiology with lab):

- Must be fewer than seven years old at the time of starting the first semester of nursing
- For science courses older than seven years applicants may choose to:
    - Retake the course(s); or
    - Pass an appropriate exam administered by the Science Department. If the applicant chooses to take an exam, he or she must make the arrangements in the Science Department. Exam is $100 per course. For both of these options, the applicant must see a Health Sciences advisor.
- All other general education courses required for the program have no time limitation

Some students may need preparatory study before taking these courses. See individual course descriptions for criteria. Preparatory courses are not part of the nursing curriculum.

- ENC1101 - Freshman Composition Skills I *Credits: 3* **
- HUN1201 - Human Nutrition *Credits: 3*
- PSY2012 - General Psychology *Credits: 3*
- MCB2010 - Microbiology *Credits: 3*
- MCB2010L - Microbiology Lab *Credits: 1*
- BSC2085 - Human Anatomy and Physiology I *Credits: 3*
- BSC2085L - Human Anatomy and Physiology I Lab *Credits: 1*
- BSC2086 - Human Anatomy and Physiology II *Credits: 3*
- BSC2086L - Human Anatomy and Physiology II Lab *Credits: 1*
- DEP2004 - Human Growth and Development *Credits: 3* **

- AMH2010 - United States History to 1877 *Credits: 3*

  OR
- AMH2020 - United States History Since 1877 *Credits: 3*

  OR
- POS2041 - American National Government *Credits: 3*

- MAC1105 - College Algebra *Credits: 3* **

  OR
- STA2023 - Elementary Statistics *Credits: 3* **

One of the Following:

- ARH1000 - Art Appreciation *Credits: 3*
- HUM1020 - Introduction to the Humanities *Credits: 3*
- HUM1020H - Honors Introduction to the Humanities *Credits: 3*
- LIT1000 - Introduction to Literature *Credits: 3*
- MUL1010 - Music Appreciation *Credits: 3*
- PHI2010 - Introduction to Philosophy *Credits: 3*
- THE1000 - Theatre Appreciation *Credits: 3*

Program Core Courses

- NUR1006C - Transitions to Nursing Concepts *Credits: 7*
- NUR1520C - Behavioral Concepts in Nursing *Credits: 2*
- NUR2243C - Clinical Concepts III *Credits: 4*
- NUR2440C - Developmental Concepts in Nursing *Credits: 3*
- NUR2010 - Professional Issues in Nursing *Credits: 2*
- NUR2244C - Clinical Concepts IV *Credits: 7*

- NUR2811C - Capstone Clinical *Credits: 2*

Total Credit Hours: 60

Note:

- The required General Education course sequencing is explained in the online information session.
- It is necessary that students have reliable transportation to the assigned hospitals and clinical facilities, which are located in Citrus, Levy and Marion counties.
- Class and clinical hours may be between 6 a.m. and 10 p.m. Monday through Saturday.
- The CF service district is Citrus, Levy and Marion counties. In-district residents will be accepted into the nursing programs first before any consideration will be given to out-of-district applicants.
- Credit for classroom/theory instruction, whether face-to-face or online, is one credit per 50-minute hour (1:1) for a 16-week semester. For nursing laboratory and clinical experience, one credit is earned for every three contact hours (1:3) for a 16-week semester. Nursing courses offered during nonstandard semesters will include this number of hours in the shorter semester.

Nursing, R.N.

2137: A.S. Degree in Nursing, R.N. (72 Credit Hours)
CIP: 51.3801
FL CIP: 1351380100
SOC: 29-1141

This is a limited-access program. Please consult CF.edu/LimitedAccess for information on limited-access programs.

The Associate Degree Nursing, ADN, program prepares graduates to provide nursing care to individuals and groups with commonly occurring health problems in institutional and community settings. Upon completion of the program, graduates are eligible to apply for licensure including taking the NCLEX-RN to become registered nurses. The ADN program is approved by the Florida Board of Nursing and accredited by the Accrediting Commission for Education in Nursing, Inc., 3390 Peachtree Road, NE, Suite 1400, Atlanta, Georgia 30326, telephone 404-975-5000.

Application directions are explained in the required online information session. Go to CF.edu/Nursing for additional information.

The Associate Degree Nursing program may be completed through either the full-time or the part-time track. In the full-time track, nursing courses are completed over four semesters. The student may take specific General Education courses along with the nursing courses.

In the part-time track, students must complete ALL nursing curriculum General Education courses PRIOR to beginning Foundations in Nursing and Clinical Concepts I. Part-time students enter the nursing program in the spring semester only. The student completes fewer nursing credits per semester, but takes nursing courses over summer as well as fall and spring semesters.

See the comparison of nursing courses for full- and part-time tracks within the online Information Session.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

The Economic Security Report provides students, parents and others with employment, earnings and other outcome information on graduates of Florida's public institutions of higher education, e.g., State University System, Florida College System and District Technical Centers. To view the report, please go to https://pr.cf.edu/files/community/economic-security-report.pdf.

Full-Time Track

Students in the full-time track may complete general education courses prior to beginning NUR courses, but may take them as corequisites for financial aid purposes. Students may take one of the listed alternatives in place of HUM1020.

First Clinical Semester - Spring

The full-time program also begins First Clinical Semester in Fall.

- NUR1021C - Foundations in Nursing *Credits: 3*
- NUR1052C - Clinical Concepts I *Credits: 5*
- NUR1142 - Introduction to Pharmacology *Credits: 4*

Total Credit Hours: 12

Second Clinical Semester - Fall

- NUR1520C - Behavioral Concepts in Nursing *Credits: 2*
- NUR1241C - Clinical Concepts II *Credits: 7*
- DEP2004 - Human Growth and Development *Credits: 3* **

Total Credit Hours: 12

Third Clinical Semester - Spring

- NUR2243C - Clinical Concepts III *Credits: 4*
- NUR2440C - Developmental Concepts in Nursing *Credits: 3*
- NUR2010 - Professional Issues in Nursing *Credits: 2*
- AMH2020 - United States History Since 1877 *Credits: 3*

  OR
- POS2041 - American National Government *Credits: 3*

Total Credit Hours: 12

Fourth Semester - Fall

- NUR2244C - Clinical Concepts IV *Credits: 7*
- NUR2811C - Capstone Clinical *Credits: 2*
- HUM1020 - Introduction to the Humanities *Credits: 3*

Total Credit Hours: 12

Part-Time Track

First Clinical Semester - Spring

- NUR1021C - Foundations in Nursing *Credits: 3*
- NUR1142 - Introduction to Pharmacology *Credits: 4*

Total Credit Hours: 8

Second Clinical Semester - Summer

- NUR1052C - Clinical Concepts I *Credits: 5*

Total Credit Hours: 4

Third Clinical Semester - Fall

- NUR1241C - Clinical Concepts II *Credits: 7*

Total Credit Hours: 7

Fourth Clinical Semester - Spring

- NUR2243C - Clinical Concepts III *Credits: 4*
- NUR1520C - Behavioral Concepts in Nursing *Credits: 2*

Total Credit Hours: 6

Fifth Semester - Summer

- NUR2010 - Professional Issues in Nursing *Credits: 2*
- NUR2440C - Developmental Concepts in Nursing *Credits: 3*

Total Credit Hours: 5

Sixth Semester - Fall

- NUR2244C - Clinical Concepts IV *Credits: 7*
- NUR2811C - Capstone Clinical *Credits: 2*

Total Credit Hours: 9

Requirements

General Education Courses

Criteria for Required Sciences (Human Anatomy and Physiology I with lab, Human Anatomy and Physiology II with lab, and Microbiology with lab):

- Must be fewer than seven years old at the time of starting the first semester of nursing.
- For science courses older than seven years, applicants may choose to:
    - Retake the course(s); or
    - Pass an appropriate exam administered by the Science Department. If the applicant chooses to take an exam, he or she must make the arrangements in the Science Department. Exam is $100 per course. For both of these options, the applicant must see a Health Sciences advisor.
- All other general education courses required for the program have no time limitation.

Some students may need preparatory study before taking these courses. See individual course descriptions for criteria. Preparatory courses are not part of the nursing curriculum.

- ENC1101 - Freshman Composition Skills I *Credits: 3* **
- HUN1201 - Human Nutrition *Credits: 3*
- PSY2012 - General Psychology *Credits: 3*
- MCB2010 - Microbiology *Credits: 3*
- MCB2010L - Microbiology Lab *Credits: 1*
- BSC2085 - Human Anatomy and Physiology I *Credits: 3*
- BSC2085L - Human Anatomy and Physiology I Lab *Credits: 1*
- BSC2086 - Human Anatomy and Physiology II *Credits: 3*
- BSC2086L - Human Anatomy and Physiology II Lab *Credits: 1*
- DEP2004 - Human Growth and Development *Credits: 3* **

- MAC1105 - College Algebra *Credits: 3* **

  OR
- STA2023 - Elementary Statistics *Credits: 3* **

- AMH2010 - United States History to 1877 *Credits: 3*

  OR
- AMH2020 - United States History Since 1877 *Credits: 3*

  OR
- POS2041 - American National Government *Credits: 3*

One of the Following:

- ARH1000 - Art Appreciation *Credits: 3*
- HUM1020 - Introduction to the Humanities *Credits: 3*
- HUM1020H - Honors Introduction to the Humanities *Credits: 3*
- LIT1000 - Introduction to Literature *Credits: 3*
- MUL1010 - Music Appreciation *Credits: 3*
- PHI2010 - Introduction to Philosophy *Credits: 3*
- THE1000 - Theatre Appreciation *Credits: 3*

Total Credit Hours: 72

Note:

- The required general education course sequencing is explained in the online information session, as are the admission process and dates.

- Before entering the program, a professional level CPR card is required which must remain current while in the program.
- All Health Sciences candidates must undergo a criminal background check. Candidates with a criminal record may not be eligible for any CF Health Sciences program.
- Upon acceptance into the program, a medical examination documenting sound physical and mental health, TB testing and proof of immunization are required.
- All students are responsible for their own health/hospitalization insurance. Professional liability insurance is included in college fees.
- It is necessary that students have reliable transportation to the assigned clinical facilities, which are located in Citrus, Levy and Marion counties.
- Class and clinical hours may be between 7 a.m. and 10 p.m. Monday through Friday. Clinical hours may occur on Saturdays.
- The CF service district is Citrus, Levy and Marion counties. In-district residents will be accepted into the nursing programs first before any consideration will be given to out-of-district applicants.
- The ADN program policies, including attendance, grading, progression, clinical behaviors and readmission guidelines, are found in the student handbook that each student obtains upon beginning the program.
- Credit for classroom/theory instruction, whether face-to-face or online, is one credit per 50-minute hour (1:1) for a 16-week semester. For nursing laboratory and clinical experience, one credit is earned for every three contact hours (1:3) for a 16-week semester. Nursing courses offered during nonstandard semesters will complete these hours within the shorter semester.

Office Administration - Legal Office Specialization, A.S.

2250: A.S. Degree in Office Administration - Legal Office Specialization (60 Credit Hours)
CIP: 52.0204
FL CIP: 1552020401
SOC: 43-6011

This two-year program is designed to prepare students for office positions where an understanding of legal terminology and effective communication are key to helping a legal office run smoothly. Students will learn specialized skills in keyboarding, word processing, legal office procedures, business law and accounting, giving students a competitive edge in employment in the administrative legal field.

With this degree, students are ready for exciting roles such as a legal administrative assistant, legal secretary or an entry-level paralegal assistant, supporting attorneys and legal teams in a variety of settings.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

The Economic Security Report provides students, parents and others with employment, earnings and other outcome information on graduates of Florida's public institutions of higher education, e.g., State University System, Florida College System and District Technical Centers. To view the report, please go to https://pr.cf.edu/files/community/economic-security-report.pdf.

Requirements

Program Courses

- OST1100 - Introduction to Word *Credits: 3*
- CGS1100 - Microcomputer Applications *Credits: 3*
- PLA1003 - Introduction to the Legal Field *Credits: 3*
- BUL2241 - Business Law I *Credits: 3*
- OST1384 - Customer Service *Credits: 3*
- OST2335 - Business Communications *Credits: 3* **
- OST1110 - Intermediate Word *Credits: 3*
- ACG2021 - Financial Accounting *Credits: 3*
- OST2401 - Office Administration: Procedures *Credits: 3*
- OST1949 - Work Experience I *Credits: 3*

- OST2717 - Advanced Word *Credits: 3*
  OR
- OST2402 - Office Administration: Simulation *Credits: 3*

- OST2431 - Legal Office Procedures *Credits: 3*
  OR
  Additional Elective *Credits: 3*

Program Electives

Choose an additional 9 credit hours from the courses listed below:

- PLA1104 - Legal Research and Writing *Credits: 3*
- PLA2201 - Litigation Procedures *Credits: 3*
- MAN2021 - Principles of Management *Credits: 3*
- CGS2557 - Internet Technologies *Credits: 3*
- CGS2103 - Spreadsheet Applications *Credits: 3*
- CGS2540 - Database Management Systems *Credits: 3*
- CET1171 - Introduction to Computer Technology *Credits: 3*
- ACG2450 - Integrated Accounting *Credits: 3*
- ECO2013 - Principles of Economics - Macro *Credits: 3*

General Education Courses

- ENC1101 - Freshman Composition Skills I *Credits: 3* **

One of the Following:

- MAC1105 - College Algebra *Credits: 3* **
- MAC1105H - Honors College Algebra *Credits: 3* **
- MAC2311 - Calculus I with Analytic Geometry *Credits: 5* **
- MAC2311H - Calculus I with Analytic Geometry Honors *Credits: 5* **
- MGF1130 - Thinking Mathematically *Credits: 3* **
- STA2023 - Elementary Statistics *Credits: 3* **
- STA2023H - Honors Elementary Statistics *Credits: 3* **

One of the Following:

- ARH1000 - Art Appreciation *Credits: 3*
- HUM1020 - Introduction to the Humanities *Credits: 3*
- HUM1020H - Honors Introduction to the Humanities *Credits: 3*
- LIT1000 - Introduction to Literature *Credits: 3*
- MUL1010 - Music Appreciation *Credits: 3*
- PHI2010 - Introduction to Philosophy *Credits: 3*
- THE1000 - Theatre Appreciation *Credits: 3*

One of the Following:

- AMH2010 - United States History to 1877 *Credits: 3*
- AMH2010H - United States History to 1877 Honors *Credits: 3*
- AMH2020 - United States History Since 1877 *Credits: 3*
- AMH2020H - United States History Since 1877 Honors *Credits: 3*
- POS2041 - American National Government *Credits: 3*
- POS2041H - American National Government Honors *Credits: 3*

One of the Following:

- AST1002 - Descriptive Astronomy *Credits: 3*
- BSC1005 - Introduction to Biology *Credits: 3*
- BSC1005H - Introduction to Biology Honors *Credits: 3*
- BSC2010 - Integrated Principles of Biology I *Credits: 3*
- BSC2085 - Human Anatomy and Physiology I *Credits: 3*
- CHM1020 - Chemistry for Liberal Studies *Credits: 4*
- CHM2045 - General Chemistry I *Credits: 3*
- ESC1000 - Earth Science *Credits: 3*
- EVR1001 - Introduction to Environmental Science *Credits: 3*
- EVR1001H - Introduction to Environmental Science Honors *Credits: 3*
- PHY1020 - Elementary Physics for the Nonscience Majors *Credits: 3*
- PHY1053C - General Physics I with Lab *Credits: 4*
- PHY2048C - General Physics with Calculus I with Lab *Credits: 5*
- PHY2048CH - General Physics with Calculus with Lab Honors *Credits: 5*

Total Credit Hours: 60

Office Administration - Office Management, A.S.

2249: A.S. Degree in Office Administration - Office Management (60 Credit Hours)
CIP: 52.0204
FL CIP: 1552020401
SOC: 43-6011

This two-year program is designed to prepare students for office positions in a variety of business environments. This program is perfect for new students or current professionals looking to enhance their skills, equipping them with the versatile administrative expertise businesses need to thrive. Students will develop advanced proficiency in keyboarding, essential software applications, business communications, and accounting.

With this degree, students are ready for exciting roles such as an administrative assistant, operations associate, executive assistant, or customer service specialist, playing a central role in the efficiency and success of any office.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

The Economic Security Report provides students, parents and others with employment, earnings and other outcome information on graduates of Florida's public institutions of higher education, e.g., State University System, Florida College System and District Technical Centers. To view the report, please go to https://pr.cf.edu/files/community/economic-security-report.pdf.

Requirements

Program Courses

- OST1100 - Introduction to Word *Credits: 3*
- CGS1100 - Microcomputer Applications *Credits: 3*
- MAN2021 - Principles of Management *Credits: 3*
- OST1384 - Customer Service *Credits: 3*
- OST2335 - Business Communications *Credits: 3* **
- OST1110 - Intermediate Word *Credits: 3*

- ACG2021 - Financial Accounting *Credits: 3*
- OST1949 - Work Experience I *Credits: 3*
- OST2401 - Office Administration: Procedures *Credits: 3*
- CGS2103 - Spreadsheet Applications *Credits: 3*
- GEB1011 - Introduction to Business *Credits: 3*
- OST2717 - Advanced Word *Credits: 3*

  OR
- OST2402 - Office Administration: Simulation *Credits: 3*

Program Electives

Choose an additional 9 credit hours from the courses listed below:

- CGS2557 - Internet Technologies *Credits: 3*
- CGS2540 - Database Management Systems *Credits: 3*
- CET1171 - Introduction to Computer Technology *Credits: 3*
- BUL2241 - Business Law I *Credits: 3*
- ECO2013 - Principles of Economics - Macro *Credits: 3*
- ACG2450 - Integrated Accounting *Credits: 3*

General Education Courses

- ENC1101 - Freshman Composition Skills I *Credits: 3* **

One of the Following:

- MAC1105 - College Algebra *Credits: 3* **
- MAC1105H - Honors College Algebra *Credits: 3* **
- MAC2311 - Calculus I with Analytic Geometry *Credits: 5* **
- MAC2311H - Calculus I with Analytic Geometry Honors *Credits: 5* **
- MGF1130 - Thinking Mathematically *Credits: 3* **
- STA2023 - Elementary Statistics *Credits: 3* **
- STA2023H - Honors Elementary Statistics *Credits: 3* **

One of the Following:

- ARH1000 - Art Appreciation *Credits: 3*
- HUM1020 - Introduction to the Humanities *Credits: 3*
- HUM1020H - Honors Introduction to the Humanities *Credits: 3*
- LIT1000 - Introduction to Literature *Credits: 3*
- MUL1010 - Music Appreciation *Credits: 3*
- PHI2010 - Introduction to Philosophy *Credits: 3*
- THE1000 - Theatre Appreciation *Credits: 3*

One of the Following:

- AMH2010 - United States History to 1877 *Credits: 3*
- AMH2010H - United States History to 1877 Honors *Credits: 3*
- AMH2020 - United States History Since 1877 *Credits: 3*
- AMH2020H - United States History Since 1877 Honors *Credits: 3*
- POS2041 - American National Government *Credits: 3*
- POS2041H - American National Government Honors *Credits: 3*

One of the Following:

- AST1002 - Descriptive Astronomy *Credits: 3*
- BSC1005 - Introduction to Biology *Credits: 3*
- BSC1005H - Introduction to Biology Honors *Credits: 3*
- BSC2010 - Integrated Principles of Biology I *Credits: 3*
- BSC2085 - Human Anatomy and Physiology I *Credits: 3*
- CHM1020 - Chemistry for Liberal Studies *Credits: 4*
- CHM2045 - General Chemistry I *Credits: 3*
- ESC1000 - Earth Science *Credits: 3*
- EVR1001 - Introduction to Environmental Science *Credits: 3*
- EVR1001H - Introduction to Environmental Science Honors *Credits: 3*
- PHY1020 - Elementary Physics for the Nonscience Majors *Credits: 3*
- PHY1053C - General Physics I with Lab *Credits: 4*
- PHY2048C - General Physics with Calculus I with Lab *Credits: 5*
- PHY2048CH - General Physics with Calculus with Lab Honors *Credits: 5*

Total Credit Hours: 60

Physical Therapist Assistant, A.S.

2232: A.S. Degree in Physical Therapist Assistant (74 Credit Hours)
CIP: 51.0806
FL CIP: 1351080601
SOC: 31-2021

This is a limited-access program. Please consult CF.edu/LimitedAccess for information on limited-access programs.

The Physical Therapist Assistant works under the supervision of the physical therapist. PTAs are directly involved in patient treatment, performing such duties as applying physical agents, and

designing and carrying out exercise programs. They provide direct patient care of individuals who experience temporary or permanent disability due to pain, injury, disease or birth defects.

The Physical Therapist Assistant program is a **limited-access program**. A limited-access program is one in which both program admission and course registration are restricted to a certain number of students meeting predetermined criteria. Limited-access status is justified when student demand exceeds available resources or accreditation requirements (i.e., student/faculty ratios, instructional facilities and equipment, clinical sites) or the nature of the program calls for specific admission requirements. Limited access programs have admissions processes and criteria beyond general college admissions. While any student meeting the minimum criteria is encouraged to apply, not all applicants may be accepted.

Criteria for Application

- Attend a mandatory PTA program information session
- Be admitted to CF in good standing
- Grade of C or higher and 2.75 GPA or higher in required general education courses
- Meet with Academic Advisor
- Completion of at least 12 credit hours of prerequisite coursework
- Completion of Test of Essential Academic Skills (TEAS) for Allied Health
- Completion of 16 hours of observation in two different physical therapy settings: 8 hours in a long-term care/subacute care setting and 8 hours in an outpatient physical therapy setting
- A reflective journal on the observation experience

Once a student is accepted into the program these additional criteria apply:

- Criminal background check
- Physical examination, student health history form, student immunization record and proof of drug screen
- American Heart Association Heart Code Basic Life Support Certification for the Healthcare Provider
- Attendance at a PTA program new student orientation

The Physical Therapist Assistant program is accredited by the Commission on Accreditation in Physical Therapy Education, CAPTE, 3030 Potomac Ave., Alexandria, VA 22305-3085, Telephone 703-706-3245, email address accreditation@apta.org, website http://www.capteonline.org. The PTA program graduate must take and pass a state-administered national examination in order to become licensed and eligible to practice.

Please note that completion of the PTA program does not guarantee entry into a physical therapy program. The PTA course work (technical phase) does not transfer to most physical therapy schools.

Application directions are explained at the required information sessions. Call 352-873-5817 for dates and times of information sessions or view at https://www.cf.edu/events/category/health-sciences/.

The program policies, including attendance, grading, clinical behaviors and readmission guidelines, are found in the student handbook that each student obtains once admitted to the PTA program.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

The Economic Security Report provides students, parents and others with employment, earnings and other outcome information on graduates of Florida's public institutions of higher education, e.g., State University System, Florida College System and District Technical Centers. To view the report, please go to https://pr.cf.edu/files/community/economic-security-report.pdf.

Requirements

General Education Courses

Criteria for Required Sciences (Human Anatomy and Physiology I with lab, Human Anatomy and Physiology II with lab):

- Must be fewer than ten years old at the time of enrollment in Phase II Technical Courses of the physical therapist assistant program.
- For science courses older than ten years applicants may choose to:
    - Retake the course(s); or
    - Pass an appropriate exam administered by the Science department. If the applicant chooses to take an exam, he or she must make the arrangements in the Science department. Exam is $100 per course. For both of these options, the applicant must see a Health Sciences advisor.
- All other general education courses required for the program have no time limitation.

- ENC1101 - Freshman Composition Skills I *Credits: 3* **
- PSY2012 - General Psychology *Credits: 3*
- PHT2342 - Medical Terminology for the Physical Therapist Assistant *Credits: 2*
- DEP2004 - Human Growth and Development *Credits: 3* **
- BSC2085 - Human Anatomy and Physiology I *Credits: 3*
- BSC2085L - Human Anatomy and Physiology I Lab *Credits: 1*
- BSC2086 - Human Anatomy and Physiology II *Credits: 3*
- BSC2086L - Human Anatomy and Physiology II Lab *Credits: 1*

- AMH2020 - United States History Since 1877 *Credits: 3*

  OR
- POS2041 - American National Government *Credits: 3*

One of the Following:

- STA2023 - Elementary Statistics *Credits: 3* **
- STA2023H - Honors Elementary Statistics *Credits: 3* **

One of the Following:

- ARH1000 - Art Appreciation *Credits: 3*
- HUM1020 - Introduction to the Humanities *Credits: 3*
- HUM1020H - Honors Introduction to the Humanities *Credits: 3*
- LIT1000 - Introduction to Literature *Credits: 3*
- MUL1010 - Music Appreciation *Credits: 3*
- PHI2010 - Introduction to Philosophy *Credits: 3*
- THE1000 - Theatre Appreciation *Credits: 3*

Program Core Courses

- PHT1000 - Introduction to Physical Therapy *Credits: 2*
- PHT1014 - Documentation for the Physical Therapist Assistant *Credits: 1*
- PHT1175C - Functional Anatomy and Kinesiology *Credits: 3*
- PHT1130C - Data Collection Skills for the PTA *Credits: 3*
- PHT1210C - Therapeutic Modalities I *Credits: 3*
- PHT1801L - PTA Clinical Laboratory I *Credits: 2*
- PHT1225C - Therapeutic Procedures *Credits: 3*
- PHT1300 - Survey of Pathological Deficits *Credits: 4*
- PHT1212C - Therapeutic Modalities II *Credits: 3*
- PHT1802L - PTA Clinical Laboratory II *Credits: 2*
- PHT2227C - Disabilities and Therapeutic Procedures II *Credits: 3*
- PHT2162C - Rehabilitation Procedures *Credits: 4*
- PHT2931 - Trends in Physical Therapy *Credits: 1*
- PHT2810 - Clinical Practice II *Credits: 6*
- PHT2820 - Clinical Practice III *Credits: 6*

Total Credit Hours: 74

Note: It is necessary that students have reliable transportation to the assigned hospitals and clinical facilities.

Radiography, A.S.

2320: A.S. Degree in Radiography (77 Credit Hours)
CIP: 51.0911
FL CIP: 1351091100
SOC: 29-2034

The program is designed to provide students with the knowledge and skills necessary to become a radiologic technologist, providing medical imaging of human anatomy for the diagnosis and treatment of pathology and injury. The program is dedicated to excellence in education and training and to quality and safety of patient care. The graduate of the program will be eligible for licensure in the state of Florida as a Certified Radiologic Technologist and to apply for admission to the certification examination administered by the American Registry of Radiologic Technologists. **This is a limited-access program.** Please consult CF.edu/LimitedAccess for information on limited-access programs.

Criteria for Application:

- Be admitted to CF in good standing
- Completion of online information session
- Minimum 2.0 college GPA and minimum 2.5 GPA for Radiography required general education courses
- PSB-RAD admissions exam
- At the time of application, all required prerequisites courses must be successfully completed

Additional Criteria Apply Once Admitted to the Program:

- Criminal background check
- Radiography new student orientation
- CPR certification
- Physical Examination Form, Current Immunization Form, Personal History Form and minimum 10 Panel Drug Screening
- Professional liability insurance, retained by the college and included in tuition and fees

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

The Economic Security Report provides students, parents and others with employment, earnings and other outcome information on graduates of Florida's public institutions of higher education, e.g., State University System, Florida College System and District Technical Centers. To view the report, please go to https://pr.cf.edu/files/community/economic-security-report.pdf.

Requirements

General Education Courses

Criteria for Required Sciences (Human Anatomy and Physiology I with lab, Human Anatomy and Physiology II with lab):

- Must be fewer than seven years old at the time of starting the first semester of the radiography program.
- For science courses older than seven years, applicants may choose to:
    - Retake the course(s); or
    - Pass an appropriate exam administered by the Science department. If the applicant chooses to take an exam, he or she must make the arrangements in the Science department. Exam is $100 per course. For both of these options, the applicant must see a Health Sciences advisor.
- All other general education courses required for the program have no time limitation.

Some students may need preparatory study before taking these courses. See individual course descriptions for criteria. Preparatory courses are not part of the radiography curriculum.

- ENC1101 - Freshman Composition Skills I *Credits: 3* **
- BSC2085 - Human Anatomy and Physiology I *Credits: 3*
- BSC2085L - Human Anatomy and Physiology I Lab *Credits: 1*
- BSC2086 - Human Anatomy and Physiology II *Credits: 3*
- BSC2086L - Human Anatomy and Physiology II Lab *Credits: 1*

One of the Following:

- AMH2010 - United States History to 1877 *Credits: 3*
- AMH2010H - United States History to 1877 Honors *Credits: 3*
- AMH2020 - United States History Since 1877 *Credits: 3*
- AMH2020H - United States History Since 1877 Honors *Credits: 3*
- POS2041 - American National Government *Credits: 3*
- POS2041H - American National Government Honors *Credits: 3*

One of the Following:

- ARH1000 - Art Appreciation *Credits: 3*
- HUM1020 - Introduction to the Humanities *Credits: 3*
- HUM1020H - Honors Introduction to the Humanities *Credits: 3*
- LIT1000 - Introduction to Literature *Credits: 3*
- MUL1010 - Music Appreciation *Credits: 3*
- PHI2010 - Introduction to Philosophy *Credits: 3*
- THE1000 - Theatre Appreciation *Credits: 3*

One of the Following:

- MAC1105 - College Algebra *Credits: 3* **
- MAC1105H - Honors College Algebra *Credits: 3* **
- MAC2311 - Calculus I with Analytic Geometry *Credits: 5* **
- MAC2311H - Calculus I with Analytic Geometry Honors *Credits: 5* **
- STA2023 - Elementary Statistics *Credits: 3* **
- STA2023H - Honors Elementary Statistics *Credits: 3* **
- MGF1130 - Thinking Mathematically *Credits: 3* **

Program Core Courses

- RTE1000 - Fundamentals of Radiologic Technology *Credits: 3*
- RTE1503 - Radiographic Procedures I *Credits: 3*
- RTE1503L - Radiographic Procedures I Lab *Credits: 1*
- RTE1804 - Clinical Education I *Credits: 2*
- RTE1111 - Patient Care Procedures *Credits: 2*
- RTE1111L - Patient Care Procedures Lab *Credits: 1*
- RTE1513 - Radiographic Procedures II *Credits: 3*
- RTE1513L - Radiographic Procedures II Lab *Credits: 1*
- RTE1418C - Radiographic Imaging I *Credits: 4*
- RTE1814 - Clinical Education II *Credits: 2*
- RTE1457C - Radiographic Imaging II *Credits: 4*
- RTE2613 - Radiation Physics I *Credits: 4*
- RTE2130 - Pharmacology in Radiology *Credits: 2*
- RTE1824 - Clinical Education III *Credits: 3*
- RTE2385 - Radiation Biology *Credits: 3*
- RTE2523 - Radiographic Procedures III *Credits: 3*
- RTE2523L - Radiographic Procedures III Lab *Credits: 1*
- RTE2834 - Advanced Clinical Education IV *Credits: 3*
- RTE2563 - Special Radiographic Procedures *Credits: 3*
- RTE2782 - Radiographic Pathology *Credits: 3*
- RTE2061 - Radiography Seminar *Credits: 3*
- RTE2844 - Advanced Clinical Education V *Credits: 3*

Total Credit Hours: 77

Respiratory Care, A.S.

2361: A.S. Degree in Respiratory Care (76 Credit Hours)
CIP: 51.0908
FL CIP: 1351090800
SOC: 29-1126

The College of Central Florida's Respiratory Care program is accredited by the Commission for the Accreditation of Respiratory Care (CoARC), 264 Precision Blvd, Telford, TN 37690, telephone 817-283-2835 ext. 102, website www.coarc.com.

The College of Central Florida prepares qualified individuals to become Certified Respiratory Therapists (CRT) or Registered Respiratory Therapists (RRT). Respiratory therapists are health care members who assist in the diagnosis and specialize in the treatment of patient's suffering from acute and chronic cardiopulmonary disorders. Caring for patients in all stages of the life span, from newborns to geriatrics, the respiratory therapist is employed by hospitals, clinics, and home care agencies. Respiratory therapists are credentialed by the National Board for Respiratory Care, an independent agency that administers a national examination that sets the base entry competencies required to practice respiratory care. In addition, respiratory therapists are licensed in their states of practice, which may impose additional requirements to practice Respiratory Care in their jurisdictions.

The program content includes, but is not limited to, cardiopulmonary health assessment; medical gas administration; humidity/aerosol therapy; cardiopulmonary drug administration; broncho-pulmonary drainage; airway management; emergency care and cardiopulmonary resuscitation; mechanical ventilation; physiologic monitoring; measurement and reporting of cardiopulmonary blood and gas sampling; pulmonary function testing; and cardiopulmonary rehabilitation. The program utilizes traditional classroom instruction, supplemented by laboratory practice and simulations, and supervised clinical practice where the student gains real-world experience evaluating and treating patients with cardiopulmonary distress and disorders.

The Respiratory Care program is a two-year, 76 credit hour Associate in Science degree. This is a limited access program with additional requirements beyond the general CF admissions processes. The CF service district is Citrus, Levy and Marion counties. In-district residents will be accepted into the Respiratory Care program first before any consideration is given to out-of-district applicants.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

The Economic Security Report provides students, parents and others with employment, earnings and other outcome information on graduates of Florida's public institutions of higher education, e.g., State University System, Florida College System and District Technical Centers. To view the report, please go to https://pr.cf.edu/files/community/economic-security-report.pdf.

Criteria for Application:

Be admitted to CF in good standing.

- Completion of online information session
- Minimum 2.0 college GPA and minimum 2.5 GPA for required general education courses
- Required testing for this program are the PERT or ACT or SAT and the Wonderlic
- General Education Classes are required prior to final acceptance into the respiratory care program

Additional Criteria Apply Once Admitted to the Program:

- Criminal background check
- New student orientation
- CPR certification
- Online bloodborne pathogens course
- Physical Examination Form, Current Immunization Form, and a 10 Panel Drug Screening
- Professional liability insurance, retained by the college and included in tuition and fees
- It is necessary that students have reliable transportation to the assigned clinical facilities, which may be in Citrus, Levy, and Marion counties

Full time professional classes usually begin at both the Ocala and Citrus campuses in the Fall semester.

Program Goals:

The primary goal of the Respiratory Care program is to prepare graduates with demonstrated competence in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains of respiratory care practice as performed by registered respiratory therapists (RRTs).

Upon successfully completing the program of study, the student will be able to:

- Evaluate clinical data as it pertains to cardiopulmonary disorders and diseases. [National Board for Respiratory Care Content Matrix (NBRC #1).
- Demonstrate appropriate use of therapeutic devices in respiratory care and infection control. (NBRC#2)
- Perform evidenced-based respiratory care interventions in the treatment of patients suffering from a wide range of respiratory pathologies. (NBRC#3)
- Demonstrate compassionate, ethical, and professional behaviors with patients, peers, supervisors and members of the community

Requirements

Program Courses

- RET1024 - Principles of Respiratory Care *Credits: 3*
- RET1024L - Principles of Respiratory Care Lab *Credits: 1*
- RET1291 - Clinical Respiratory Care I *Credits: 4*
- RET1292 - Clinical Respiratory Care II *Credits: 4*
- RET1350 - Pharmacology *Credits: 4*
- RET1484 - Pathophysiology *Credits: 4*
- RET1485 - Cardiopulmonary Anatomy and Physiology *Credits: 4*

- RET2264 - Advanced Mechanical Ventilation and Patient Management *Credits: 3*
- RET2264L - Advanced Mechanical Ventilation and Patient Management Lab *Credits: 1*
- RET2283 - Introduction to Mechanical Ventilation *Credits: 4*
- RET2283L - Introduction to Mechanical Ventilation Lab *Credits: 1*
- RET2284 - Intensive Respiratory Care *Credits: 3*
- RET2293 - Clinical Respiratory Care III *Credits: 5*
- RET2295 - Clinical Respiratory Care IV *Credits: 4*
- RET2434C - Respiratory Care Chemical Analysis *Credits: 3*
- RET2714 - Pediatric/Neonatal Respiratory Care *Credits: 3*
- RET2934 - Respiratory Care Case Management *Credits: 2*
- RET2936 - Respiratory Registry Preparation *Credits: 3*

General Education Courses

- ENC1101 - Freshman Composition Skills I *Credits: 3*

One of the Following:

- MAC1105 - College Algebra *Credits: 3*
- MAC1105H - Honors College Algebra *Credits: 3*
- MAC2311 - Calculus I with Analytic Geometry *Credits: 5*
- MAC2311H - Calculus I with Analytic Geometry Honors *Credits: 5*
- MGF1130 - Thinking Mathematically *Credits: 3*
- STA2023 - Elementary Statistics *Credits: 3*
- STA2023H - Honors Elementary Statistics *Credits: 3*

One of the Following:

- ARH1000 - Art Appreciation *Credits: 3*
- HUM1020 - Introduction to the Humanities *Credits: 3*
- HUM1020H - Honors Introduction to the Humanities *Credits: 3*
- LIT1000 - Introduction to Literature *Credits: 3*
- MUL1010 - Music Appreciation *Credits: 3*
- PHI2010 - Introduction to Philosophy *Credits: 3*
- THE1000 - Theatre Appreciation *Credits: 3*

One of the Following:

- AMH2010 - United States History to 1877 *Credits: 3*
- AMH2010H - United States History to 1877 Honors *Credits: 3*
- AMH2020 - United States History Since 1877 *Credits: 3*
- AMH2020H - United States History Since 1877 Honors *Credits: 3*
- POS2041 - American National Government *Credits: 3*
- POS2041H - American National Government Honors *Credits: 3*

All of the Following:

- BSC2085 - Human Anatomy and Physiology I *Credits: 3*
- BSC2085L - Human Anatomy and Physiology I Lab *Credits: 1*
- BSC2086 - Human Anatomy and Physiology II *Credits: 3*
- BSC2086L - Human Anatomy and Physiology II Lab *Credits: 1*

Total Credit Hours: 76

Supply Chain Management, A.S

2315: A.S. Degree in Supply Chain Management (60 Credit Hours)
CIP: 52.0209
FL CIP: 1652020901
SOC: 13-1081

The College of Central Florida offers Associate in Science program content that is broad-based to reflect the cross-functional relationships prevalent in supply chain management. Students are exposed to related business practices such as standard operating procedures, negotiation techniques, planning, organizing, and accounting concepts, purchasing, sustainability, warehousing, project management, quality control, import/export, and asset management theory. Emphasis is placed on understanding the planning, acquisition, flow, and distribution of goods and services while managing the complexity of operational linkages in a fast-paced global supply chain. Learning is promoted via teamwork, case studies, practitioner guest lectures and visits to work sites.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

The Economic Security Report provides students, parents and others with employment, earnings and other outcome information on graduates of Florida's public institutions of higher education, e.g., State University System, Florida College System and District Technical Centers. To view the report, please go to https://pr.cf.edu/files/community/economic-security-report.pdf.

Requirements

Program Courses

- CGS1100 - Microcomputer Applications *Credits: 3*
- GEB1011 - Introduction to Business *Credits: 3*
- OST2335 - Business Communications *Credits: 3* **

OR

- ENC1102 - Freshman Composition Skills II *Credits: 3* **
- MAN2021 - Principles of Management *Credits: 3*
- ETI1117 - Introduction to Quality Control *Credits: 3*
- ACG2021 - Financial Accounting *Credits: 3*
- MAR2011 - Principles of Marketing *Credits: 3*
- ECO2023 - Principles of Economics - Micro *Credits: 3* **
- TRA2154 - Introduction to Supply Chain Management *Credits: 3*
- TRA2010 - Transportation and Distribution *Credits: 3*
- BUL2241 - Business Law I *Credits: 3*
- MAN2582 - Introduction to Project Management *Credits: 3*
- TRA2131 - Purchasing and Inventory Management *Credits: 3*
- TRA2230 - Warehouse Management *Credits: 3*
- FIN2100 - Business Finance *Credits: 3*

General Education Courses

- ENC1101 - Freshman Composition Skills I *Credits: 3* **

One of the Following:

- MAC1105 - College Algebra *Credits: 3* **
- MAC1105H - Honors College Algebra *Credits: 3* **
- MAC2311 - Calculus I with Analytic Geometry *Credits: 5* **
- MAC2311H - Calculus I with Analytic Geometry Honors *Credits: 5* **
- MGF1130 - Thinking Mathematically *Credits: 3* **
- STA2023 - Elementary Statistics *Credits: 3* **
- STA2023H - Honors Elementary Statistics *Credits: 3* **

One of the Following:

- ARH1000 - Art Appreciation *Credits: 3*
- HUM1020 - Introduction to the Humanities *Credits: 3*
- HUM1020H - Honors Introduction to the Humanities *Credits: 3*
- LIT1000 - Introduction to Literature *Credits: 3*
- MUL1010 - Music Appreciation *Credits: 3*
- PHI2010 - Introduction to Philosophy *Credits: 3*
- THE1000 - Theatre Appreciation *Credits: 3*

One of the Following:

- AMH2010 - United States History to 1877 *Credits: 3*
- AMH2010H - United States History to 1877 Honors *Credits: 3*
- AMH2020 - United States History Since 1877 *Credits: 3*
- AMH2020H - United States History Since 1877 Honors *Credits: 3*
- POS2041 - American National Government *Credits: 3*
- POS2041H - American National Government Honors *Credits: 3*

One of the Following:

- AST1002 - Descriptive Astronomy *Credits: 3*
- BSC1005 - Introduction to Biology *Credits: 3*
- BSC1005H - Introduction to Biology Honors *Credits: 3*
- BSC2010 - Integrated Principles of Biology I *Credits: 3*
- BSC2085 - Human Anatomy and Physiology I *Credits: 3*
- CHM1020 - Chemistry for Liberal Studies *Credits: 4*
- CHM2045 - General Chemistry I *Credits: 3*
- ESC1000 - Earth Science *Credits: 3*
- EVR1001 - Introduction to Environmental Science *Credits: 3*
- EVR1001H - Introduction to Environmental Science Honors *Credits: 3*
- PHY1020 - Elementary Physics for the Nonscience Majors *Credits: 3*
- PHY1053C - General Physics I with Lab *Credits: 4*
- PHY2048C - General Physics with Calculus I with Lab *Credits: 5*
- PHY2048CH - General Physics with Calculus with Lab Honors *Credits: 5*

Total Credit Hours: 60

Surgical Services, A.S.

2355: A.S. Degree in Surgical Services (64 Credit Hours)
CIP: 51.0909
FL CIP: 1351090901
SOC: 29-2055

This program is accredited by the Commission on Accreditation of Allied Health Education Programs, www.caahep.org, upon the recommendation of the Accreditation Review Council on Education in Surgical Technology and Surgical Assisting. Commission on Accreditation of Allied Health Education Programs; 9355 113th Street N, #7709, Seminole, FL 33775, telephone 727-210-2350, fax 727-210-2354, www.caahep.org.

The Surgical Services program prepares students to work in the operating room as a Surgical Technologist. Skills are applied in the perioperative, intraoperative, operative and postoperative settings. Students will be introduced to the school's program, philosophy and requirements. Interpersonal relationship techniques, medical terminology and weights and measurements

are stressed. An understanding and appreciation for the role of a Surgical Technologist in the operating room, delivery room and related areas will be obtained. The student will be introduced to self, professional and workplace management skills. The student will become aware of the surgery patient's total needs and patient care concepts ethically, morally and legally for the surgical patients: physical, social, psychological and spiritual. Surgical consent, pre-operative routine and laboratory reports are covered and the student learns to interpret these reports. Pharmacology and principles of anesthesia administrations are stressed, with emphasis on the care and handling of drugs and solutions used in surgery, preoperative medications, side effects, drug reactions and emergency measures used to counteract these reactions. The individuality and uniqueness of each patient is discussed. The student will learn to understand and use surgical skills in the perioperative environment, including principles of aseptic technique and sterile technique. The student will identify, demonstrate care, assemble and handle instruments, specialty equipment and supplies used in the operating room. The student will also learn to set up a basic mayo stand, back table and perform skills as a team member during skills lab practice. The student will learn the techniques and processes involved with sterile processing and decontamination of instruments, supplies, equipment and the OR environment. Hazard preparation is covered, including preparation and planning, detection and communication, incident management and support systems, safety and security, clinical/public health assessment and intervention, contingency, recovery, and public health law and ethics when dealing with disasters. The student will also understand and use principles of sanitation, sterilization and disinfection. After successful completion and passing of an instrument exam, the student will have demonstrated a basic understanding of surgical instrumentation. Laboratory practice is an integral part of this course and the student must pass a skills performance test to successfully complete this course. Microorganisms, as agents of disease and host-parasites, are studied as they apply to the practice of surgery. Maintenance of health and prevention of disease are emphasized. The student will obtain clinical experience in the surgical environment. The student will also actively participate as a scrub person during the surgical procedures with emphasis on skills developed and learned in skill laboratory. The student must demonstrate and record a minimum of 120 surgical procedures, performed in a combination of first and second scrub roles.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

The Economic Security Report provides students, parents and others with employment, earnings and other outcome information on graduates of Florida's public institutions of higher education, e.g., State University System, Florida College System and District Technical Centers. To view the report, please go to https://pr.cf.edu/files/community/economic-security-report.pdf.

Requirements

Program Courses

- STS1302 - Introduction to Surgical Technology *Credits: 6*
- STS1307 - Operating Room Techniques and Instrumentation *Credits: 3*
- STS1308 - Perioperative Patient Care Concepts *Credits: 2*
- STS1327C - Principles and Practices of Surgical Technology with Lab *Credits: 4*
- STS1340 - Pharmacology and Anesthesia *Credits: 3*
- STS2323 - Surgical Procedures I *Credits: 3*
- STS2324 - Surgical Procedures II *Credits: 3*
- STS2944 - Clinical Practice I *Credits: 7*
- STS2329 - Advanced Surgical Techniques, Procedures and Professional Skills *Credits: 4*
- STS2945 - Clinical Practice II *Credits: 6*

General Education Courses

- HSC2531 - Medical Terminology *Credits: 3*
- ENC1101 - Freshman Composition Skills I *Credits: 3*

One of the Following:

- MAC1105 - College Algebra *Credits: 3* **
- MAC1105H - Honors College Algebra *Credits: 3* **
- MAC2311 - Calculus I with Analytic Geometry *Credits: 5* **
- MAC2311H - Calculus I with Analytic Geometry Honors *Credits: 5* **
- MGF1130 - Thinking Mathematically *Credits: 3* **
- STA2023 - Elementary Statistics *Credits: 3* **
- STA2023H - Honors Elementary Statistics *Credits: 3* **

One of the Following:

- ARH1000 - Art Appreciation *Credits: 3*
- HUM1020 - Introduction to the Humanities *Credits: 3*
- HUM1020H - Honors Introduction to the Humanities *Credits: 3*
- LIT1000 - Introduction to Literature *Credits: 3*
- MUL1010 - Music Appreciation *Credits: 3*
- PHI2010 - Introduction to Philosophy *Credits: 3*
- THE1000 - Theatre Appreciation *Credits: 3*

One of the Following:

- AMH2010 - United States History to 1877 *Credits: 3*
- AMH2010H - United States History to 1877 Honors *Credits: 3*
- AMH2020 - United States History Since 1877 *Credits: 3*
- AMH2020H - United States History Since 1877 Honors *Credits: 3*
- POS2041 - American National Government *Credits: 3*

- POS2041H - American National Government Honors *Credits: 3*

All of the Following:

- BSC2085 - Human Anatomy and Physiology I *Credits: 3*
- BSC2085L - Human Anatomy and Physiology I Lab *Credits: 1*
- MCB2010 - Microbiology *Credits: 3*
- MCB2010L - Microbiology Lab *Credits: 1*

Criteria for Required Science Courses Listed Above:

- If taken prior to acceptance in the Surgical Services program, these classes must be fewer than seven years old at the time of starting the first semester of the surgical services program.
- For science courses older than seven years, applicants may choose to:
    - Retake the course(s); or
    - Pass an appropriate exam administered by the Science department. If the applicant chooses to take an exam, he or she must make the arrangements in the Science department. Exam is $100 per course. For both of these options, the applicant must see a Health Sciences advisor.
- All other general education courses required for the program have no time limitation.
- Students who previously completed a clock hour program in Surgical Technology, and who currently hold an active certification, may qualify to receive program credit for previously completed coursework.

Total Credit Hours: 64

College Credit Certificate

Accounting Technology Management, College Credit Certificate

6245: College Credit Certificate in Accounting Technology Management (27 Credit Hours)
CIP: 52.0302
FL CIP: 0552030205
SOC: 43-3031

Accounting Technology Management is a one-year College Credit Certificate program designed to prepare students for entry-level employment in an office environment where skills in using accounting and office procedures are required. This certificate provides training for students with limited time to prepare for the job market who can devote daily, concentrated effort toward a career goal.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

Requirements

Program Courses

- CGS1100 - Microcomputer Applications *Credits: 3*
- MGF1130 - Thinking Mathematically *Credits: 3* **
- ACG2021 - Financial Accounting *Credits: 3*
- ENC1101 - Freshman Composition Skills I *Credits: 3* **

  OR
- OST2335 - Business Communications *Credits: 3* **
- GEB1011 - Introduction to Business *Credits: 3*
- ACG2071 - Managerial Accounting *Credits: 3*
- ACG2450 - Integrated Accounting *Credits: 3*
- ACO1807 - Payroll Accounting *Credits: 3*
- TAX2000 - Individual Income Tax *Credits: 3*

  OR
- TAX2010 - Corporate Income Tax *Credits: 3*

Total Credit Hours: 27

Accounting Technology Operations, College Credit Certificate

6211: College Credit Certificate in Accounting Technology Operations (18 Credit Hours)
CIP: 52.0302
FL CIP: 0552030203
SOC: 43-3031

The Accounting Technology Operations program is an 18-credit hour College Credit Certificate program designed to prepare students for entry-level employment in an office environment where skills in using accounting and office procedures are required. This program provides training for students with limited time to prepare for the job market who can devote daily, concentrated effort toward a career goal.

This program is upward compatible with an Associate in Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- CGS1100 - Microcomputer Applications *Credits: 3*
- ACG2021 - Financial Accounting *Credits: 3*
- ACG2450 - Integrated Accounting *Credits: 3*
- ENC1101 - Freshman Composition Skills I *Credits: 3* **
- ACG2071 - Managerial Accounting *Credits: 3*
- TAX2010 - Corporate Income Tax *Credits: 3*

Total Credit Hours: 18

Accounting Technology Specialist, College Credit Certificate

6210: College Credit Certificate in Accounting Technology Specialist (12 Credit Hours)
CIP: 52.0302
FL CIP: 0552030204
SOC: 43-3031

The Accounting Technology Specialist program is a 12-credit-hour College Credit Certificate program designed to prepare students for entry-level employment in an office environment where skills in using accounting and office procedures are required. This certificate provides training for students with limited time to prepare for the job market who can devote daily, concentrated effort toward a career goal.

This program is upward compatible with an Associate in Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- CGS1100 - Microcomputer Applications *Credits: 3*
- ACG2021 - Financial Accounting *Credits: 3*
- ACG2450 - Integrated Accounting *Credits: 3*

- ENC1101 - Freshman Composition Skills I *Credits: 3* **

Total Credit Hours: 12

Artificial Intelligence Awareness, College Credit Certificate

6367: College Credit Certificate in Artificial Intelligence Awareness (9 Credit Hours)
CIP: 11.0201
FL CIP: 0511020113
SOC: 15-1252

The Artificial Intelligence Awareness College Credit Certificate introduces students to the evolving landscape of AI technology. This program develops AI thinking and analytical skills applicable across industries such as business, computer programming, and information technology. Students will explore the impact of AI, gaining insight into how it shapes modern workplaces and decision-making processes while developing critical thinking skills to analyze and apply AI-driven solutions. This certificate is part of the A.S. degree in Computer Information Technology.

This program is upward compatible with an Associate in Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- CGS1100 - Microcomputer Applications *Credits: 3*
- COP1030 - Fundamental Programming Concepts *Credits: 3*
- CAI1000 - Introduction to Artificial Intelligence *Credits: 3*

Total Credit Hours: 9

Automation, College Credit Certificate

6297: College Credit Certificate in Automation (12 Credit Hours)
CIP: 15.0406
FL CIP: 0615040601
SOC: 17-3027

Training for engineering technology positions dealing with PLCs, automation, and control systems in high tech production, manufacturing, distribution, and engineering research and development facilities.

This program is upward compatible with an Associate in Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- ETS1542 - Introduction to PLCs *Credits: 3*
- ETS1540 - Industrial Applications Using PLCs and Robotics *Credits: 3*
- EET1084 - Survey of Electronics *Credits: 3*
- ETI1843 - Motors and Controls *Credits: 3*

Total Credit Hours: 12

Business Entrepreneurship, College Credit Certificate

6290: College Credit Certificate in Business Entrepreneurship (12 Credit Hours)
CIP: 52.0703
FL CIP: 0552070308
SOC: 11-1021

The Business Entrepreneurship Certificate program is a course of study that offers both credit and noncredit tracks. The program is designed for those who currently own a small business or rising ventures and wish to enhance their skills, or for curious seekers who are interested in expanding their knowledge to start a business venture.

This program is upward compatible with an Associate in Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- ENT2112 - Entrepreneurship Opportunities *Credits: 3*
- SBM2000 - Small Business Management *Credits: 3*
- ENT1000 - Introduction to Entrepreneurship *Credits: 3*

Program Electives

Choose an additional 3 credit hours from the courses listed below:

- BUL2241 - Business Law I *Credits: 3*
- MAN2021 - Principles of Management *Credits: 3*
- GEB2430 - Ethics in Management *Credits: 3*
- MAR2011 - Principles of Marketing *Credits: 3*
- ACG2021 - Financial Accounting *Credits: 3*
- GEB1011 - Introduction to Business *Credits: 3*
- ACG2450 - Integrated Accounting *Credits: 3*
- CGS1100 - Microcomputer Applications *Credits: 3*

Total Credit Hours: 12

Business Management, College Credit Certificate

6241: College Credit Certificate in Business Management (24 Credit Hours)
CIP: 52.0701
FL CIP: 0552070101
SOC: 11-1021

The Business Management program is designed to prepare students for effective management of a small business as either employee or owner. Students will gain proficiency on the management and operational skills necessary to be self-employed entrepreneurs or effective middle management staff.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

Requirements

Program Courses

- ENC1101 - Freshman Composition Skills I *Credits: 3* **
- CGS1100 - Microcomputer Applications *Credits: 3*
- GEB1011 - Introduction to Business *Credits: 3*
- CGS2103 - Spreadsheet Applications *Credits: 3*
- MAN2021 - Principles of Management *Credits: 3*
- ACG2021 - Financial Accounting *Credits: 3*

  OR
- ACG2450 - Integrated Accounting *Credits: 3*
- OST2335 - Business Communications *Credits: 3* **

  OR
- ENC2210 - Technical Communications *Credits: 3* **

One of the Following:

MAC1105 - College Algebra is recommended for students planning to enroll in the college's baccalaureate degree programs.

- MAC1105 - College Algebra *Credits: 3* **
- MAC1105H - Honors College Algebra *Credits: 3* **
- MAC2311 - Calculus I with Analytic Geometry *Credits: 5* **
- MAC2311H - Calculus I with Analytic Geometry Honors *Credits: 5* **
- MGF1130 - Thinking Mathematically *Credits: 3* **
- STA2023 - Elementary Statistics *Credits: 3* **
- STA2023H - Honors Elementary Statistics *Credits: 3* **

Total Credit Hours: 24

Business Operations, College Credit Certificate

6271: College Credit Certificate in Business Operations (18 Credit Hours)
CIP: 52.0201
FL CIP: 0552020104
SOC: 11-1021

This program is designed for students seeking specialized training to prepare for employment or to enhance their skills in the fields of management, business, industry and retail. The program instructs students in the areas of planning, organizing, directing and controlling a business. Selected theories of business operations and decision making are emphasized. Students will obtain the knowledge, skills and understanding for effective management functions.

This program is upward compatible with an Associate in Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- ENC1101 - Freshman Composition Skills I *Credits: 3* **
- GEB1011 - Introduction to Business *Credits: 3*
- CGS1100 - Microcomputer Applications *Credits: 3*
- MAN2021 - Principles of Management *Credits: 3*
- OST2335 - Business Communications *Credits: 3* **

  OR
- ENC2210 - Technical Communications *Credits: 3* **

One of the Following:

MAC1105 - College Algebra is recommended for students planning to enroll in the college's baccalaureate degree programs.

- MAC1105 - College Algebra *Credits: 3* **
- MAC1105H - Honors College Algebra *Credits: 3* **
- MAC2311 - Calculus I with Analytic Geometry *Credits: 5* **
- MAC2311H - Calculus I with Analytic Geometry Honors *Credits: 5* **
- MGF1130 - Thinking Mathematically *Credits: 3* **
- STA2023 - Elementary Statistics *Credits: 3* **
- STA2023H - Honors Elementary Statistics *Credits: 3* **

Total Credit Hours: 18

Business Specialist, College Credit Certificate

6291: College Credit Certificate in Business Specialist (12 Credit Hours)
CIP: 52.0201
FL CIP: 0552020103
SOC: 11-1021

This program prepares students for employment in occupations such as customer service representative, company outreach, sales and service representative or specialist positions in a variety of other business environments. The coursework provides a strong foundation for problem resolution and business communication skills.

This program is upward compatible with an Associate in Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- ENC1101 - Freshman Composition Skills I *Credits: 3* **
- GEB1011 - Introduction to Business *Credits: 3*
- CGS1100 - Microcomputer Applications *Credits: 3*

One of the Following:

MAC1105 - College Algebra is recommended for students planning to enroll in the college's baccalaureate degree programs.

- MAC1105 - College Algebra *Credits: 3* **
- MAC1105H - Honors College Algebra *Credits: 3* **
- MAC2311 - Calculus I with Analytic Geometry *Credits: 5* **
- MAC2311H - Calculus I with Analytic Geometry Honors *Credits: 5* **
- MGF1130 - Thinking Mathematically *Credits: 3* **
- STA2023 - Elementary Statistics *Credits: 3* **
- STA2023H - Honors Elementary Statistics *Credits: 3* **
- ACG2021 - Financial Accounting *Credits: 3*

Total Credit Hours: 12

Child Care Center Management, College Credit Certificate

6201: College Credit Certificate in Child Care Center Management (12 Credit Hours)
CIP: 19.0709

FL CIP: 0419070906
SOC: 39-9011

This program consists of entry-level courses that will prepare the completer for initial employment in the early childhood field. The program consists of developmentally appropriate practice, child growth and development, positive guidance and creative curriculum. Students may apply for the state child care exam upon completion of the program.

This program is upward compatible with an Associate in Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- EEC2930 - Seminar in Childhood Education *Credits: 3*
- EEC1000 - Introduction to Child Development and Education *Credits: 3*
- EEC2200 - Curriculum in Childhood Education *Credits: 3*
- EEC1603 - Child Guidance *Credits: 3*

Total Credit Hours: 12

Computer Information Data Specialist, College Credit Certificate

6365: College Credit Certificate in Computer Information Data Specialist (9 Credit Hours)
CIP: 11.0501
FL CIP: 0611050101
SOC: 15-1232

The Computer Information Data Specialist certificate prepares students for initial employment as a computer systems analyst. The courses in this certificate program are also part of the Associate in Science degree in Computer Information Technology.

This program is upward compatible with an Associate in Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- CGS1100 - Microcomputer Applications *Credits: 3*
- CET1278 - A+ Fundamentals *Credits: 3*
- CGS2540 - Database Management Systems *Credits: 3*

Total Credit Hours: 9

Computer Programming Specialist, College Credit Certificate

6217: College Credit Certificate in Computer Programming Specialist (18 Credit Hours)
CIP: 11.0201
FL CIP: 0511020103
SOC: 15-1256

The Computer Programming Specialist college credit certificate prepares students to enter the field of computer programming and systems analysis and design. Students also learn how to code and implement activities as they relate to programming. The courses in this certificate program are also part of the Associate in Science degree in Computer Information Technology.

This program is upward compatible with an Associate in Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- CGS1100 - Microcomputer Applications *Credits: 3*
- CGS2540 - Database Management Systems *Credits: 3*
- COP1030 - Fundamental Programming Concepts *Credits: 3*
- CGS1820 - Web Programming *Credits: 3*
- CIS2321 - Introduction to Systems Analysis and Design *Credits: 3*
- COP2250 - Java Programming *Credits: 3*

Total Credit Hours: 18

Criminal Justice Technology Specialist, College Credit Certificate

6320: College Credit Certificate in Criminal Justice Technology Specialist (24 Credit Hours)
CIP: 43.0103
FL CIP: 0743010304
SOC: 33-1011

The Criminal Justice Technology Specialist program prepares students for careers in various criminal justice fields, including law enforcement, corrections, probation and parole, juvenile justice, crime scene investigation, and court systems. It also provides supplemental training for persons previously or currently working in these occupations. The program offers courses that provide coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in law, public safety, and security.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

Requirements

Program Courses

- CCJ1020 - Introduction to Criminal Justice System *Credits: 3*
- CJE2061 - Policing in America *Credits: 3*
- CJL2130 - Criminal Law, Evidence and Procedures *Credits: 3*
- CCJ2013 - Criminal Victimization *Credits: 3*
- CJJ1002 - Juvenile Delinquency *Credits: 3*
- CJC1000 - Crime and Punishment *Credits: 3*
- CJE2330 - Ethics in Criminal Justice *Credits: 3*
- CCJ2010 - Criminology *Credits: 3* **

Total Credit Hours: 24

Digital Media/Multimedia Authoring, College Credit Certificate

6212: College Credit Certificate in Digital Media/Multimedia Authoring (12 Credit Hours)
CIP: 09.0702
FL CIP: 0609070209
SOC: 27-1014

This certificate provides students fundamental skills in the application of digital and interactive media. These courses introduce students to a range of different digital fields, including graphic design and layout, digital photography and video, web design and animation. Students will learn the historical background of this field and how it has evolved. These courses teach the foundations for professional practice by focusing on the technical aspects of digital media production, including protocols, file formats and organization, image processing and work flow efficiency.

This program is upward compatible with an Associate in Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- DIG2000 - Introduction to Digital Media *Credits: 3*
- DIG2109C - Digital Imaging and Fundamentals *Credits: 3*
- DIG2280C - Digital Video and Sounds *Credits: 3*
- DIG2500 - Fundamentals of Interactive Media and Web Design *Credits: 3*

Total Credit Hours: 12

Digital Media/Multimedia Web Production, College Credit Certificate

6330: College Credit Certificate in Digital Media/Multimedia Web Production (15 Credit Hours)
CIP: 50.0102
FL CIP: 0650010208
SOC Code: 27-1019

This certificate provides students with a strong foundation in digital media that empowers them to adapt and respond to dynamic trends in web technologies. This program allows students to engage in practical, hands-on, realistic projects using the latest technologies, software, and equipment to produce innovative projects that communicate effectively and persuasively. Courses introduce students to web development using industry standards in design, development, security and interactivity. The curriculum covers techniques using standard markup and scripting platforms for creating and editing web pages with multimedia content. It also includes basic visual principles for web design.

This program is upward compatible with an Associate in Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- DIG2000 - Introduction to Digital Media *Credits: 3*
- DIG2100 - Web Design I *Credits: 3*
- DIG2101 - Web Design II *Credits: 3*
- GRA2751C - Visual Design for Web *Credits: 3*
- DIG2592 - Advanced Web Design *Credits: 3*

Total Credit Hours: 15

Digital Music Production, College Credit Certificate

6322: College Credit Certificate in Digital Music Production (12 Credit Hours)
CIP: 10.0203
FL CIP: 0610020304
SOC: 27-4011

The purpose of this program is to prepare students for employment in music production occupations or to provide supplemental professional training for persons previously or currently employed in this field. The content includes, but is not limited to, instruction that prepares individuals for positions such as music production specialists, audio technicians, audio assistants, media and communication equipment workers, music editors, and archivists and related workers.

This program is upward compatible with an Associate degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- MUS1360 - Introduction to Music Technology *Credits: 4*
- MUM2700 - Introduction to Music Business *Credits: 3*
- MUC2301 - Introduction to Electronic Music *Credits: 3*
- MVK1111 - Class Piano I *Credits: 1*
- MUN1021 - Electronic Music Ensemble *Credits: 1*

Total Credit Hours: 12

Early Childhood Development Specialization, College Credit Certificate

6205: College Credit Certificate in Early Childhood Development Specialization (36 Credit Hours)
CIP: 19.0709
FL CIP: 0419070904
SOC: 25-2011

This program consists of entry-level courses that will prepare the completer for employment in the early childhood field. The program consists of additional courses including observing and recording behavior, home and community relations, field experiences, disabling conditions and early childhood education to provide quality training to the preschool teacher.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

Requirements

Program Courses

To comply with Florida state law, Chapter 402.305 2(a), each prospective student must be fingerprinted and undergo an FDLE Level II background screening. The cost of these procedures is the responsibility of the student. Information received is confidential and is required to determine the prospective student's eligibility to work with children. Fingerprinting and background screening are required for CHD1440C.

- EEC2930 - Seminar in Childhood Education *Credits: 3*
- EEC1000 - Introduction to Child Development and Education *Credits: 3*
- EEC2200 - Curriculum in Childhood Education *Credits: 3*
- EEC2001 - Introduction to Administration in Early Childhood Education *Credits: 3*
- EEC2401 - Home and Community *Credits: 3*
- EEC1603 - Child Guidance *Credits: 3*
- EEC1921 - Preschool Workshop *Credits: 3*

- EEC1907 - Observing and Recording Behavior *Credits: 3*
- EEX2010 - Survey of Disabling Conditions *Credits: 3*
- CHD1339 - Learning Through Play *Credits: 3*
- CHD1440C - Child Care Practicum I *Credits: 3*
- CHD1441C - Child Care Practicum II *Credits: 3*

Total Credit Hours: 36

Emergency Medical Technician (Basic), College Credit Certificate

6237: College Credit Certificate in Emergency Medical Technician (Basic) (12 Credit Hours)
CIP: 51.0904
FL CIP: 0351090415
SOC: 29-2041

This program prepares students to provide pre-hospital emergency medical services including patient assessment and care of ill or injured patients.

This is a limited-access program. Please consult CF.edu/LimitedAccess for information on limited-access programs.

This program is upward compatible with an Associate in Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Prerequisite: admission to program.

Requirements

Courses

- EMS1119 - Fundamentals of Emergency Medical Technology *Credits: 7*
- EMS1119L - Fundamentals of Emergency Medical Technology Skills Laboratory *Credits: 2*
- EMS1431 - EMT Hospital/Field Experience *Credits: 2*
- EMS1354C - Emergency Field Operations *Credits: 1*

Total Credit Hours: 12

Engineering Technology Support Specialist, College Credit Certificate

6287: College Credit Certificate in Engineering Technology Support Specialist (18 Credit Hours)
CIP: 15.0000
FL CIP: 0615000007
SOC: 17-3026

The purpose of this program is to prepare students for initial employment with an occupational title as Engineering Support Specialist in various specialized areas, or to provide supplemental training for persons previously or currently employed in these occupations.

This program is upward compatible with an Associate in Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- ETI1117 - Introduction to Quality Control *Credits: 3*
- ETI1720C - Industrial Safety *Credits: 3*
- EET1084 - Survey of Electronics *Credits: 3*
- ETI1411 - Manufacturing Processes I *Credits: 3*
- EGN1111 - Engineering Graphics *Credits: 3*
- ETI1151 - Instrument Techniques and Measurement *Credits: 3*

Total Credit Hours: 18

Equine Assistant Management, College Credit Certificate

6278: College Credit Certificate in Equine Assistant Management (24 Credit Hours)
CIP: 01.0507
FL CIP: 0101050701
SOC: 39-2011, 39-2021

The Equine Assistant Manager certificate program is ideal for students who want to focus on only equine classes in a shorter program than the Associate in Science degree. This 24-credit program can be completed in a year and focuses on science and business skills essential to managing a horse farm or other equine business. Completion of this program also helps to prepare students for the National Horse Judging Coaches Association Industry Certification. (See https://www.nhjtca.org/industry-certification/). Additional information about this program can be found at CF.edu/Equine or by calling 352-854-2322, ext. 1424.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

Requirements

Program Courses

- AEB2137C - Equine Business Management *Credits: 3*
- ANS1237C - Equine Health Care *Credits: 3*
- AEB1930 - Agribusiness and Equine Career Readiness *Credits: 3*
- ANS1315 - Equine Reproduction *Credits: 3*
- ANS1222 - Equine Sales and Marketing *Credits: 3*
- ANS1223 - Equine Conformation Analysis *Credits: 3*
- ANS1220 - Equine Sport and Competition *Credits: 3*

- ANS1016 - Basic Horse Handling and Safety *Credits: 3*

  OR

- ANS2232C - Advanced Horse Handling Skills *Credits: 3*

Total Credit Hours: 24

Equine Technician, College Credit Certificate

6295: College Credit Certificate in Equine Technician (15 Credit Hours)
CIP: 01.0507
FL CIP: 0101050703
SOC: 39-2011, 39-2021

The Equine Technician certificate is ideal for people new to horse ownership. Subjects such as pre-purchase examinations, nutrition, vaccination protocols, deworming, equine behavior and safe handling practices are addressed. All courses are taught in both online and classroom formats. All courses are a component of the Associate in Science degree in Equine Studies, enabling students to continue on for additional degrees. Additional information about this program can be found at CF.edu/Equine or by calling 352-854-2322, ext. 1424.

This program is upward compatible with an Associate in Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- ANS1237C - Equine Health Care *Credits: 3*
- ANS1236 - Introduction to Equine Science *Credits: 3*
- ANS1238C - Equine Behavior and Psychology *Credits: 3*
- ANS2403 - Equine Nutrition *Credits: 3*
- ANS1016 - Basic Horse Handling and Safety *Credits: 3*

  OR

- ANS2232C - Advanced Horse Handling Skills *Credits: 3*

Total Credit Hours: 15

Geographic Information Systems, College Credit Certificate

6385: College Credit Certificate in Geographic Information Systems (21 Credit Hours)
CIP: 45.0702
FL CIP: 0545070213
SOC: 17-3031

The Geographic Information Systems (GIS) college credit certificate prepares students to enter the field of GIS, utilizing cutting-edge technology to collect, analyze, and visualize spatial data. Students learn foundational skills in GIS software, programming, database management, and remote sensing applications. This certificate is ideal for individuals seeking to enhance their technical skills for careers in environmental science, urban planning, and data analytics.

This program is upward compatible with an Associate in Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- CGS1100 - Microcomputer Applications *Credits: 3*
- EGN1111 - Engineering Graphics *Credits: 3*
- GIS2040 - Fundamentals of Geographic Information Systems *Credits: 3*
- CGS2540 - Database Management Systems *Credits: 3*
- COP1030 - Fundamental Programming Concepts *Credits: 3*
- GIS2047 - Applications of GIS, GPS and Remote Sensing *Credits: 3*
- CGS2103 - Spreadsheet Applications *Credits: 3*

Total Credit Hours: 21

Graphic Design Support, College Credit Certificate

6335: College Credit Certificate in Graphic Design Support (15 Credit Hours)
CIP: 11.0803
FL CIP: 0611080302
SOC Code: 27-1024

The Graphic Design Support certificate provides students with a strong foundation in graphic design that empowers them to adapt and respond to dynamic trends in the design sector of multiple industries. This program allows students to engage in practical, hands-on exercises using the latest technologies, software and equipment to produce innovative projects that communicate effectively and persuasively.

The courses introduce students to fundamentals of digital imaging, digital photography techniques, image editing, digital illustration and page design and layout. Industry standard skills with Adobe Creative Cloud Software are taught.

This program is upward compatible with an Associate in Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- PGY2801C - Digital Photography I *Credits: 3*
- GRA2120C - Paper Design and Layout (Adobe InDesign) *Credits: 3*
- DIG2109C - Digital Imaging and Fundamentals *Credits: 3*
- GRA2150C - Raster Based Image Editing (Adobe Photoshop) *Credits: 3*
- GRA2156C - Digital Illustration Vector Based (Adobe Illustrator) *Credits: 3*

Total Credit Hours: 15

Guest Services Specialist, College Credit Certificate

6380: College Credit Certificate in Guest Services Specialist (15 Credit Hours)
CIP: 52.0904
FL CIP: 0252090403
SOC: 43-4081

This program is designed to prepare students for immediate employment in the hospitality industry in the guest services areas of hotels, resorts, and other hospitality-related sites. This program will be part of the State Recognized Apprenticeship Program in Hospitality Management. Apprentices in the program will be incumbent workers of participating hospitality employers.

Requirements

Program Courses

- HFT1000 - Introduction to the Hospitality and Tourism Industry *Credits: 3*
- HFT2223 - Hospitality Human Resource Management *Credits: 3*
- HFT2245 - Guest Service Management *Credits: 3*
- HFT2254 - Lodging Operations *Credits: 3*
- HFT2942 - Hospitality Internship *Credits: 3*

Total Credit Hours: 15

Help Desk Support Technician, College Credit Certificate

6289: College Credit Certificate in Help Desk Support Technician (18 Credit Hours)
CIP: 11.0103
FL CIP: 0511010313
SOC: 15-1231, 15-1232

The certificate program in Help Desk Support Technician provides the student an understanding of an IT help desk. The student develops proficiency with assisting end-users with technical problems related to hardware, software and mobile devices.

Throughout the program, students will have the opportunity to earn industry-recognized certifications in CompTIA A+, CompTIA Cloud+ and CompTIA Network+.

This program is upward compatible with an Associate in Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- CGS1100 - Microcomputer Applications *Credits: 3*
- CET1278 - A+ Fundamentals *Credits: 3*
- CTS2651 - Router Fundamentals *Credits: 3*
- CET2180 - Practical PC Technician *Credits: 3*
- CTS2136 - PC Desktop Support *Credits: 3*
- CTS2134 - Networking Fundamentals *Credits: 3*

Total Credit Hours: 18

Human Resources Administrator, College Credit Certificate

6213: College Credit Certificate in Human Resources Administrator (21 Credit Hours)
CIP: 52.0201
FL CIP: 0552020105
SOC: 11-3121

The Human Resource Administrator college credit certificate program prepares students for employment in the management of people and resources in any organization. The courses in this certificate program are also part of the Associate in Science degree in Business Administration.

This program is upward compatible with an Associate in Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- CGS1100 - Microcomputer Applications *Credits: 3*
- ENC1101 - Freshman Composition Skills I *Credits: 3* **
- GEB1011 - Introduction to Business *Credits: 3*
- BUL2241 - Business Law I *Credits: 3*
- MAN2021 - Principles of Management *Credits: 3*
- MAN2304 - Introduction to Human Resources *Credits: 3*
- OST1384 - Customer Service *Credits: 3*

Total Credit Hours: 21

Information Technology Analysis, College Credit Certificate

6249: College Credit Certificate in Information Technology Analysis (27 Credit Hours)
CIP: 11.0103
FL CIP: 0511010312
SOC: 15-1232

This program prepares students for employment as computer support specialists, user support analysts, office systems specialists, and a variety of other specialist positions in the field of information technology. Students learn how to design and implement information systems. This program is a certificate with the A.S. degree program, Computer Information Technology.

Throughout the program, students will have the opportunity to earn industry-recognized certifications in MOS Excel, CompTIA A+, CompTIA Cloud+ and CompTIA Network+.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

Requirements

Program Courses

- CGS1100 - Microcomputer Applications *Credits: 3*
- CET1278 - A+ Fundamentals *Credits: 3*
- CGS2557 - Internet Technologies *Credits: 3*
- COP1030 - Fundamental Programming Concepts *Credits: 3*
- CGS2103 - Spreadsheet Applications *Credits: 3*
- CET2180 - Practical PC Technician *Credits: 3*
- CTS2651 - Router Fundamentals *Credits: 3*
- CGS2540 - Database Management Systems *Credits: 3*

- CET1171 - Introduction to Computer Technology *Credits: 3*

  OR
- any computer course *Credits: 3*

Total Credit Hours: 27

Information Technology Support Specialist, College Credit Certificate

6288: College Credit Certificate in Information Technology Support Specialist (18 Credit Hours)
CIP: 11.0103
FL CIP: 0511010311
SOC: 15-1231, 15-1232

Students completing this certificate will have entry-level skills necessary for employment as a help-desk assistant and other computer support positions. It provides basic skills in hardware configurations, troubleshooting and repair, as well as network administration. This program is a certificate with the A.S. degree program, Computer Information Technology.

Throughout the program, students will have the opportunity to earn industry-recognized certifications in MOS Excel and CompTIA A+.

This program is upward compatible with an Associate in Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- CGS1100 - Microcomputer Applications *Credits: 3*
- CET1278 - A+ Fundamentals *Credits: 3*
- CET1171 - Introduction to Computer Technology *Credits: 3*

  OR
- any computer course *Credits: 3*

- CET2180 - Practical PC Technician *Credits: 3*
- CGS2103 - Spreadsheet Applications *Credits: 3*
- CGS2540 - Database Management Systems *Credits: 3*

Total Credit Hours: 18

Landscape and Horticulture Professional, College Credit Certificate

6310: College Credit Certificate in Landscape and Horticulture Professional (18 Credit Hours)
CIP: 01.0605
FL CIP: 0101060504
SOC: 37-1012

The Landscape and Horticulture Professional Certificate program is designed for students to become proficient in hands-on skills in general horticulture knowledge, plant and pest/disease identification. Students will be introduced to best management practices, as outlined by industry, for landscape design, installation and maintenance. The certificate will prepare students to enter the higher skilled and higher wage level work force.

This program is upward compatible with an Associate in Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- ORH1000C - Introduction to Horticulture *Credits: 3*
- ORH1113C - Pest and Disease Control *Credits: 3*

- ORH1601C - Nursery Management *Credits: 3*
- ORH1301C - Introduction to Irrigation *Credits: 3*
- ORH1260 - Greenhouse Operations *Credits: 3*
- SWS2000 - Introduction to Soil Science *Credits: 3*

Total Credit Hours: 18

Lean Six Sigma Green Belt, College Credit Certificate

6285: College Credit Certificate in Lean Six Sigma Green Belt (12 Credit Hours)
CIP: 15.0702
FL CIP: 0615070203
SOC: 17-3026

This program is designed to provide students with considerable experience in manufacturing with the knowledge and skills to become a quality control technician. It is also designed for individuals who already have a degree in engineering technology and who wish to train for a career in quality control.

This program is upward compatible with an Associate in Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- ETI1622 - Concepts of Lean Manufacturing and Six Sigma *Credits: 3*
- ETI2623 - Lean Enterprise for the Expert *Credits: 3*
- ETI1628 - Developing and Coaching Self-Directed Work Teams *Credits: 3*
- ETI2610 - Six Sigma for the Expert *Credits: 3*

Total Credit Hours: 12

Livestock Production Management, College Credit Certificate

6305: College Credit Certificate in Livestock Production Management (30 Credit Hours)
CIP: 01.0302
FL CIP: 0101030200
SOC: 11-9013

The Livestock Production Management program is designed for students who wish to become proficient with hands-on skills in general livestock knowledge, including forage, animal physiology and behavior in agricultural production animals. Students will be introduced to best management practices, as outlined by industry, along with land and range management, herd well-being and current livestock industry business practices. The certificate will prepare students to enter the higher skilled and higher wage level work force in the animal industry.

This program is upward compatible with an Associate in Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- AGR1234 - Forage Science and Range Management *Credits: 3*
- ANS1041 - Livestock Growth, Development and Behavior *Credits: 3*
- ANS1400 - Principles of Food Animal Nutrition *Credits: 3*
- ANS1003 - Introduction to Animal Science *Credits: 3*
- SWS2000 - Introduction to Soil Science *Credits: 3*
- AOM2316 - Agricultural Machinery and Equipment *Credits: 3*
- AEB2102 - Principles of Agribusiness Management *Credits: 3*
- AEB2192 - Farm Records and Accounts *Credits: 3*
- ORH1113C - Pest and Disease Control *Credits: 3*
- AEB1949 - Agribusiness Internship *Credits: 3*

Total Credit Hours: 30

Logistics and Transportation Specialist, College Credit Certificate

6315: College Credit Certificate in Logistics and Transportation Specialist (18 Credit Hours)
CIP: 52.0209
FL CIP: 0652020901
SOC: 11-3071

The purpose of the program is to prepare students for entry level employment in the transportation, distribution, and logistics industry. It exposes students to the business of supply chain including; operations, purchasing, warehousing and distribution, project management, legal concepts and import/export concepts. Learning is promoted by incorporating an array of educational opportunities including: group projects, case studies, quizzes/exams, practitioner guest lectures and work site visits.

This program is upward compatible with an Associate in Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- MAN2582 - Introduction to Project Management *Credits: 3*
- BUL2241 - Business Law I *Credits: 3*
- TRA2154 - Introduction to Supply Chain Management *Credits: 3*

- TRA2010 - Transportation and Distribution *Credits: 3*
- TRA2230 - Warehouse Management *Credits: 3*
- TRA2131 - Purchasing and Inventory Management *Credits: 3*

Total Credit Hours: 18

Marketing Operations, College Credit Certificate

6214: College Credit Certificate in Marketing Operations (30 Credit Hours)
CIP: 52.1401
FL CIP: 0252140111
SOC: 41-3011

This certificate prepares students for employment in any business organization where customer focus is a priority. The courses in this certificate program are also part of Associate in Science degree in Business Administration.

This program is upward compatible with an Associate in Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- CGS1100 - Microcomputer Applications *Credits: 3*
- ENC1101 - Freshman Composition Skills I *Credits: 3* **
- GEB1011 - Introduction to Business *Credits: 3*
- MKA2021 - Sales, Marketing and Advertising *Credits: 3*
- MAN2021 - Principles of Management *Credits: 3*
- MAN2304 - Introduction to Human Resources *Credits: 3*
- MAR2011 - Principles of Marketing *Credits: 3*
- ECO2023 - Principles of Economics - Micro *Credits: 3* **
- OST1384 - Customer Service *Credits: 3*

One of the Following:

- MAC1105 - College Algebra *Credits: 3* **
- MAC1105H - Honors College Algebra *Credits: 3* **
- MAC2311 - Calculus I with Analytic Geometry *Credits: 5* **
- MAC2311H - Calculus I with Analytic Geometry Honors *Credits: 5* **
- MGF1130 - Thinking Mathematically *Credits: 3* **
- STA2023 - Elementary Statistics *Credits: 3* **
- STA2023H - Honors Elementary Statistics *Credits: 3* **

Total Credit Hours: 30

Mechanical Designer and Programmer, College Credit Certificate

6361: College Credit Certificate in Mechanical Designer and Programmer (12 Credit Hours)
CIP: 15.0805
FL CIP: 0615080503
SOC: 17-3013, 27-1021

Content in this college credit certificate program includes, but is not limited to, theory and application of solid modeling techniques used in product design and fabrication using CNC principles. At completion, students are qualified to take the certification exam offered by Solid Works. Students will also be introduced to computer aided drafting/design skills, technical communications, maintenance and operation of various industrial components, quality control and testing, material handling protocols and proper usage of tools and instrumentation. The program explores additive machine processes (rapid prototyping) which will enable a student to become proficient in technological advances within the industry such as 3-D printing.

This program is upward compatible with an Associate in Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- EGN1111 - Engineering Graphics *Credits: 3*
- ETD2364 - 3D Modeling with Solid Works *Credits: 3*
- ETI1414 - Introduction to CNC Machining *Credits: 3*
- ETI2412 - CNC Machining Processes *Credits: 3*

Total Credit Hours: 12

Mechatronics, College Credit Certificate

6358: College Credit Certificate in Mechatronics (30 Credit Hours)
CIP: 15.0000
FL CIP: 0615000013
SOC: 17-3024, 49-2094

Students completing this certificate program will be prepared to support positions related to PLCs, automations, and control systems in high tech production, manufacturing, distribution, and engineering research and development facilities.

This program is upward compatible with an Associate in Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- EET1084 - Survey of Electronics *Credits: 3*
- EGN1111 - Engineering Graphics *Credits: 3*
- ETS1700 - Hydraulics and Pneumatics *Credits: 3*
- ETM2401 - Mechanical Devices and Systems *Credits: 3*
- ETS1542 - Introduction to PLCs *Credits: 3*
- ETI1843 - Motors and Controls *Credits: 3*
- ETI1411 - Manufacturing Processes I *Credits: 3*
- ETI1720C - Industrial Safety *Credits: 3*
- ETS1540 - Industrial Applications Using PLCs and Robotics *Credits: 3*
- ETS1535 - Automation Process Control *Credits: 3*

Total Credit Hours: 30

Network Security, College Credit Certificate

6366: College Credit Certificate in Network Security (30 Credit Hours)
CIP: 11.1001
FL CIP: 0511100118
SOC: 15-1231

This certificate provides students with a foundation in cybersecurity. Students will learn and demonstrate proficiency in programming, database design, network structure and cyber security.

The courses in this certificate program are also part of the Associate in Science degree in Computer Information Technology. After receiving their certificate, students are encouraged to continue their education by completing the courses in the A.S. degree.

Throughout the program, students will have the opportunity to earn industry-recognized certifications in CompTIA A+, CompTIA Cloud+, CompTIA Network+, and CompTIA Security+.

Requirements

Program Courses

- CGS1100 - Microcomputer Applications *Credits: 3*
- CET1278 - A+ Fundamentals *Credits: 3*
- CET2180 - Practical PC Technician *Credits: 3*
- CGS2540 - Database Management Systems *Credits: 3*
- CTS2651 - Router Fundamentals *Credits: 3*
- CTS2134 - Networking Fundamentals *Credits: 3*
- COP1030 - Fundamental Programming Concepts *Credits: 3*
- CTS2120 - Security Fundamentals *Credits: 3*
- CIS2352 - Ethical Hacking *Credits: 3*
- CIS2381 - Foundations of Digital Forensics *Credits: 3*

Total Credit Hours: 30

Office Management, College Credit Certificate

6240: College Credit Certificate in Office Management (27 Credit Hours)
CIP: 52.0204
FL CIP: 0552020401
SOC: 43-6011

Students completing this 27-hour college-credit certificate will be prepared for employment in an office environment where more advanced skills in office administration are required. Students are equipped with the necessary skills of office procedures, including the valuable Microsoft Office Specialist (MOS) certifications, including Word Associate and Word Expert with the option of also obtaining the MOS Excel Associate, MOS Outlook Associate, MOS PowerPoint Associate and QuickBooks Certification.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

Requirements

Program Courses

- OST1100 - Introduction to Word *Credits: 3*
- ENC1101 - Freshman Composition Skills I *Credits: 3* **
- CGS1100 - Microcomputer Applications *Credits: 3*
- OST1110 - Intermediate Word *Credits: 3*
- ACG2021 - Financial Accounting *Credits: 3*
- OST2335 - Business Communications *Credits: 3* **

One of the Following:

- MAC1105 - College Algebra *Credits: 3* **
- MAC1105H - Honors College Algebra *Credits: 3* **
- MAC2311 - Calculus I with Analytic Geometry *Credits: 5* **
- MAC2311H - Calculus I with Analytic Geometry Honors *Credits: 5* **
- MGF1130 - Thinking Mathematically *Credits: 3* **
- STA2023 - Elementary Statistics *Credits: 3* **
- STA2023H - Honors Elementary Statistics *Credits: 3* **

Program Electives

Select 6 credits from the following:

- OST1384 - Customer Service *Credits: 3*
- OST2335 - Business Communications *Credits: 3* **
- OST2401 - Office Administration: Procedures *Credits: 3*
- OST2402 - Office Administration: Simulation *Credits: 3*
- OST2717 - Advanced Word *Credits: 3*
- ACG2021 - Financial Accounting *Credits: 3*
- ACG2450 - Integrated Accounting *Credits: 3*
- PLA1003 - Introduction to the Legal Field *Credits: 3*
- HIM1000 - Introduction to Healthcare and Health Information Technology *Credits: 3*
- HIM2260 - Medical Billing and Reimbursement *Credits: 3*
- HSC2531 - Medical Terminology *Credits: 3*
- ECO2013 - Principles of Economics - Macro *Credits: 3*
- BUL2241 - Business Law I *Credits: 3*
- GEB1011 - Introduction to Business *Credits: 3*
- MAN2021 - Principles of Management *Credits: 3*
- CET1171 - Introduction to Computer Technology *Credits: 3*
- CGS2103 - Spreadsheet Applications *Credits: 3*
- CGS2557 - Internet Technologies *Credits: 3*

Total Credit Hours: 27

Office Specialist, College Credit Certificate

6261: College Credit Certificate in Office Specialist (18 Credit Hours)
CIP: 52.0407
FL CIP: 0552040704
SOC: 43-6011

Students completing this 18-hour college credit certificate will be prepared for employment in diverse business office environments. Students are equipped with the necessary skills in modern office procedures and equipment, such as Microsoft Word proficiency (including MOS Word Associate and Word Expert Certifications), effective business communications, and accounting fundamentals.

This program is upward compatible with an Associate in Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- OST1100 - Introduction to Word *Credits: 3*
- ENC1101 - Freshman Composition Skills I *Credits: 3* **
- CGS1100 - Microcomputer Applications *Credits: 3*

One of the Following:

- MAC1105 - College Algebra *Credits: 3* **
- MAC1105H - Honors College Algebra *Credits: 3* **
- MAC2311 - Calculus I with Analytic Geometry *Credits: 5* **
- MAC2311H - Calculus I with Analytic Geometry Honors *Credits: 5* **
- MGF1130 - Thinking Mathematically *Credits: 3* **
- STA2023 - Elementary Statistics *Credits: 3* **
- STA2023H - Honors Elementary Statistics *Credits: 3* **

Program Electives

Select 6 credits from the following:

- OST1110 - Intermediate Word *Credits: 3*
- OST1384 - Customer Service *Credits: 3*
- OST2335 - Business Communications *Credits: 3* **
- OST2401 - Office Administration: Procedures *Credits: 3*
- OST2402 - Office Administration: Simulation *Credits: 3*
- OST2717 - Advanced Word *Credits: 3*
- ACG2021 - Financial Accounting *Credits: 3*
- ACG2450 - Integrated Accounting *Credits: 3*
- PLA1003 - Introduction to the Legal Field *Credits: 3*
- HIM1000 - Introduction to Healthcare and Health Information Technology *Credits: 3*
- HIM2260 - Medical Billing and Reimbursement *Credits: 3*
- HSC2531 - Medical Terminology *Credits: 3*
- ECO2013 - Principles of Economics - Macro *Credits: 3*
- BUL2241 - Business Law I *Credits: 3*
- GEB1011 - Introduction to Business *Credits: 3*
- MAN2021 - Principles of Management *Credits: 3*
- CET1171 - Introduction to Computer Technology *Credits: 3*
- CGS2103 - Spreadsheet Applications *Credits: 3*
- CGS2557 - Internet Technologies *Credits: 3*

Total Credit Hours: 18

Office Support, College Credit Certificate

6257: College Credit Certificate in Office Support (12 Credit Hours)
CIP: 52.0204
FL CIP: 0552020403
SOC: 43-6011

Students completing this 12-hour college credit certificate will be prepared for entry-level employment in diverse office environments, equipped with the necessary skills in modern office procedures and equipment, such as Microsoft Word proficiency (including MOS Word Associate Certification), accounting fundamentals, and effective business communications.

This program is upward compatible with an Associate in Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- OST1100 - Introduction to Word *Credits: 3*
- ENC1101 - Freshman Composition Skills I *Credits: 3* **
- CGS1100 - Microcomputer Applications *Credits: 3*

Program Electives

Select 3 credits from the following:

- OST1110 - Intermediate Word *Credits: 3*
- OST1384 - Customer Service *Credits: 3*
- OST2335 - Business Communications *Credits: 3* **
- OST2401 - Office Administration: Procedures *Credits: 3*
- OST2402 - Office Administration: Simulation *Credits: 3*
- OST2717 - Advanced Word *Credits: 3*
- ACG2021 - Financial Accounting *Credits: 3*
- ACG2450 - Integrated Accounting *Credits: 3*
- PLA1003 - Introduction to the Legal Field *Credits: 3*
- HIM1000 - Introduction to Healthcare and Health Information Technology *Credits: 3*
- HIM2260 - Medical Billing and Reimbursement *Credits: 3*
- HSC2531 - Medical Terminology *Credits: 3*
- ECO2013 - Principles of Economics - Macro *Credits: 3*
- BUL2241 - Business Law I *Credits: 3*
- GEB1011 - Introduction to Business *Credits: 3*
- MAN2021 - Principles of Management *Credits: 3*
- CET1171 - Introduction to Computer Technology *Credits: 3*
- CGS2103 - Spreadsheet Applications *Credits: 3*
- CGS2557 - Internet Technologies *Credits: 3*

Total Credit Hours: 12

Paramedic, College Credit Certificate

6232: College Credit Certificate in Paramedic (42 Credit Hours)
CIP: 51.0904
FL CIP: 0351090405
SOC: 29-2040

This program prepares Florida-certified EMTs to provide life-saving emergency care for injured or ill patients.

This is a limited-access program. Please consult CF.edu/LimitedAccess for information on limited-access programs.

Prerequisite: Admission to program and current EMT certificate from state of Florida. This program is accredited by the Commission on Accreditation of Allied Health Education Programs, www.caahep.org, upon the recommendation of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Profession, CoAEMSP, 1361 Park Street, Clearwater, FL 33756, telephone 727-210-2350, website www.caahep.org. It also meets the standards of the 1998 EMT/Paramedic National Curriculum from U.S. Department of Transportation.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

Requirements

Semester One

- EMS2010 - EMS Anatomy and Physiology *Credits: 3*
- EMS2611 - Paramedic Fundamentals *Credits: 2*
- EMS2611L - Paramedic Fundamentals Skills Lab *Credits: 2*
- EMS2612 - Paramedic Airway Management and Ventilation *Credits: 1*
- EMS2612L - Paramedic Airway Management and Ventilation Lab *Credits: 1*
- EMS2613 - Paramedic Patient Assessment *Credits: 1*
- EMS2613L - Paramedic Patient Assessment Lab *Credits: 1*
- EMS2656 - Paramedic Clinical I *Credits: 4*

Total Credit Hours: 15

Semester Two

- EMS2615 - Medical Emergencies I *Credits: 3*
- EMS2615L - Medical Emergencies Lab I *Credits: 2*
- EMS2645 - Paramedic Clinical Experience II *Credits: 2*

- EMS2614 - Trauma Emergencies *Credits: 2*
- EMS2614L - Trauma Emergencies Lab *Credits: 1*
- EMS2628 - Paramedic OB/GYN Neonatal Emergencies *Credits: 1*
- EMS2628L - Paramedic OB/GYN Neonatal Emergencies Lab *Credits: 1*
- EMS2646 - Paramedic Clinical Field Experience *Credits: 2*

Total Credit Hours: 14

Semester Three

- EMS2610 - Introduction to Paramedic *Credits: 2*
- EMS2618 - EMS Operations *Credits: 1*
- EMS2619 - Medical Emergencies II *Credits: 3*
- EMS2619L - Medical Emergencies II Lab *Credits: 1*
- EMS2658 - Paramedic Clinical Experience III *Credits: 5*
- EMS2630 - Behavioral Emergencies *Credits: 1*

Total Credit Hours: 13

Total Credit Hours: 42

Sequence of Paramedic courses represents fall as first semester. There is a slightly different sequence for students who begin in the spring or summer.

Note:

- All Health Sciences candidates must undergo a criminal background check. Candidates with a criminal record may not be eligible for any CF Health Sciences program.
- Upon acceptance into the program, a medical examination, TB test and proof of immunizations are required.
- All students are responsible for their own health/ hospitalization insurance. Professional liability insurance is included in tuition fees.
- It is necessary that students have reliable transportation to the assigned hospitals and clinical facilities.
- The student must be prepared to pay additional fees and purchase uniforms as mandated by program of learning.

Pneumatics, Hydraulics and Motors for Manufacturing, College Credit Certificate

6359: College Credit Certificate in Pneumatics, Hydraulics and Motors for Manufacturing (12 Credit Hours)
CIP: 15.0613
FL CIP: 0615061303
SOC: 17-3024, 17-3027

After successfully completing this program, the student will be able to demonstrate an understanding of industrial processes and material properties, demonstrate a fundamental understanding of electricity and electronics, and understand, operate, troubleshoot, and maintain pneumatic, hydraulic, and electromechanical components and/or systems.

This program is upward compatible with an Associate in Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- EET1084 - Survey of Electronics *Credits: 3*
- ETI1843 - Motors and Controls *Credits: 3*
- ETS1542 - Introduction to PLCs *Credits: 3*
- ETS1700 - Hydraulics and Pneumatics *Credits: 3*

Total Credit Hours: 12

Rapid Prototyping Specialist, College Credit Certificate

6363: College Credit Certificate in Rapid Prototyping Specialist (12 Credit Hours)
CIP: 15.1302
FL CIP: 0615130211
SOC: 51-4061

This certificate provides a program of study with courses in solid modeling. By completing this certificate, the students will provide the technical expertise for the engineering activities of industry in planning, designing, and detailing for rapid prototyping. This certificate utilizes the 3-D printers for the solid modeling design process and development of the final product prototype and further machining. Students new to this field will be able to obtain employment by completing this certificate and work in those areas where rapid prototyping is used.

This program is upward compatible with an Associate in Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- EGN1111 - Engineering Graphics *Credits: 3*
- ETD2364 - 3D Modeling with Solid Works *Credits: 3*
- ETD2371 - Rapid Prototyping Level I *Credits: 3*
- ETD2372 - Rapid Prototyping Level II *Credits: 3*

Total Credit Hours: 12

Scientific Workplace Preparation, College Credit Certificate

6325: College Credit Certificate in Scientific Workplace Preparation (26 Credit Hours)

CIP: 41.0301

FL CIP: 0641030102

SOC: 19-4031

This Scientific Workplace certificate provides exposure to basic principles in biological sciences and chemistry as well as foundational skills in communication and mathematics necessary for success in a scientific work environment. Many of the courses contained within this certificate are also prerequisites for allied health and science, technology, engineering and mathematics (STEM) degree programs.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

Requirements

Program Courses

- HUM1020 - Introduction to the Humanities *Credits: 3*
- CHM1032 - Chemistry for the Health-Related Fields *Credits: 3*
- MCB2010 - Microbiology *Credits: 3*
- MCB2010L - Microbiology Lab *Credits: 1*
- BSC2085 - Human Anatomy and Physiology I *Credits: 3*
- BSC2085L - Human Anatomy and Physiology I Lab *Credits: 1*
- ENC1101 - Freshman Composition Skills I *Credits: 3*
- DEP2004 - Human Growth and Development *Credits: 3*

- MAC1105 - College Algebra *Credits: 3* **
  OR
- STA2023 - Elementary Statistics *Credits: 3* **

- PSY2012 - General Psychology *Credits: 3*
  OR
- SYG2000 - Introductory Sociology *Credits: 3*

Total Credit Hours: 26

Applied Technology Diploma

Dental Assisting Technology and Management, A.T.D.

5510: Applied Technology Diploma in Dental Assisting Technology and Management (50 Credit Hours)
CIP: 51.0601
FL CIP: 0351060108
SOC: 31-9091

This is a limited-access program. Completion of this program does not require General Education coursework. Application data is distributed at the free information sessions. These are held on a regular basis. Call 352-873-5817 for dates and times of information sessions or view at CF.edu/Health.

Dental Assisting programs are limited access. A limited access program is one in which both program admission and course registration are restricted to a certain number of students meeting predetermined criteria. Limited-access status is justified when student demand exceeds available resources or accreditation requirements (i.e., student/faculty ratios, instructional facilities and equipment, clinical sites) or the nature of the program calls for specific admission requirements. Limited-access programs have admissions processes and criteria beyond general college admissions. While any student meeting the minimum criteria is encouraged to apply, not all applicants may be accepted. To learn more about limited-access programs, please go to CF.edu/LimitedAccess.

Criteria for Application

- High school diploma.
- Admission to the College of Central Florida.
- Application to the Dental Assisting program.
- Minimum scores of 18 on the Wonderlic exam.
- Completion and documentation of eight hours of chairside observation with a dental assistant.
- One-page paper on observation experience.
- Pre-application advising documentation.

The Dental Assisting program is designed to train individuals to perform as efficient dental professionals in a dental health environment. Students will gain exposure in various areas such as dental radiography, dental materials, chairside assisting and more. Upon completion of the program, students are eligible to sit for the Dental Assisting National Board. The Dental Assisting program is 50 credits for a total of 1,230 contact hours.

The program in dental assisting is accredited by the American Dental Association Commission on Dental Accreditation and has been granted the accreditation status of "approval without reporting requirements." The Commission is a specialized accrediting body recognized by the United States Department of Education. The American Dental Association Commission on Dental Accreditation can be contacted at 312-440-4653 or at 211 East Chicago Avenue, Chicago, IL 60611. For additional information regarding the Commission on Dental Accreditation, please consult the website at http://www.ada.org/en/coda.

For more information, view the Dental Assisting Information Packet at CF.edu/health.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

Requirements

Program Courses

Semester I

- DES1020 - Head and Neck Anatomy *Credits: 2*
- DES1022 - Dental Anatomy *Credits: 2*
- DES1030 - Histology and Embryology *Credits: 1*
- DEA1805L - Dental Clinic Seminar *Credits: 1*
- DEA1806L - Clinic Practice I *Credits: 2*
- DES1600 - Dental Office Emergencies *Credits: 1*
- DES1800 - Introduction to Clinical Procedures *Credits: 3*
- DES1806L - Introduction to Clinical Procedures Lab *Credits: 1*

- BSC1080 - Basic Anatomy and Physiology *Credits: 3*

  OR
- BSC2085 - Human Anatomy and Physiology I *Credits: 3*

Total Credit Hours: 16

Semester II

- DES1200 - Dental Radiology *Credits: 2*
- DES1200L - Dental Radiology Lab *Credits: 1*
- DES1100 - Dental Materials *Credits: 2*
- DES1100L - Dental Materials Lab *Credits: 1*
- DES1029 - Dental Specialties *Credits: 1*
- DEA1855L - Clinic Practice II *Credits: 6*
- DEA1151 - Dental Psychology and Communications *Credits: 1*
- DES1840 - Preventive Dentistry *Credits: 2*

- DEA1135 - Dental Microbiology *Credits: 1*

  OR
- MCB2010 - Microbiology *Credits: 3*

Total Credit Hours: 17

Semester III

- DES2832C - Expanded Functions with Lab *Credits: 2*
- DEA2033 - Oral Pathology *Credits: 2*
- DES1502 - Dental Office Management *Credits: 2*
- DES1050 - Dental Pharmacology *Credits: 2*
- DEA1856 - Clinic III Seminar *Credits: 2*
- DEA1856L - Clinic Practice III *Credits: 7*

Total Credit Hours: 50

Note:

- When more qualified students apply than can be accepted, those not accepted may reapply for future classes.
- It is necessary that students have reliable transportation to the assigned dental offices.
- The student must be prepared to pay additional fees and purchase uniforms as mandated by program of learning.

Career and Technical Certificate

Correctional Officer, Career and Technical Certificate

7245: Career and Technical Certificate (445 Clock Hours)
CIP: 43.0102
FL CIP: 0743010200
SOC: 33-3012

This program is designed for students who seek certification as correctional officers. Graduates will be eligible to sit for the state's certification examination. The program is certified by the Florida Department of Law Enforcement, Criminal Justice Standards and Training Commission, P.O. Box 1489, Tallahassee, FL 32302-1489, telephone 850-410-8600.

Learn more about corrections training at CF.edu/PublicService.

This program is upward compatible with an Associate in Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Admission Criteria

Note: Chapter 790.23 F.S. prohibits the possession of a firearm or ammunition by a person who as a juvenile was found to have committed a delinquent act that would be a felony if committed by an adult until the person is 24 years of age. **This would require the applicant to wait until they are 24 to attend the basic recruit training.**

To apply for admission into the Correctional Officer or Law Enforcement Officer certificate program, each applicant must:

- be at least 18 years of age prior to completing the program
- be a citizen of the United States
- possess a high school diploma or GED
- not have been convicted of any felony or misdemeanor involving perjury or false statement
- not have been discharged dishonorably from the military (if applicable)
- be of good moral character
- pass a background investigation
- pass a physical examination by a licensed physician (M.D. or D.O.), physician's assistant, or an authorized advanced registered nurse practitioner within six months of the start of class
- be in good academic standing at College of Central Florida
- must pass the Corrections version of the Florida Basic Abilities Test, COBAT

In addition, the applicant must submit:

1. a copy of scores on the COBAT for Corrections which must be less than four years old (from the start of class)
2. a completed/signed College of Central Florida Criminal Justice Institute Applicant Questionnaire

Note: All the above information must be submitted as a package. Admission to the program will be based on:

- review of package
- completed questionnaire
- medical examination
- background investigation

Requirements

Program Courses

- CJK0031 - First Aid for Criminal Justice Officers *Credits: 1, Clock Hrs: 40*
- CJK0040 - Criminal Justice Firearms *Credits: 3, Clock Hrs: 80*
- CJK0051 - Defensive Tactics *Credits: 3, Clock Hrs: 80*
- CJK0111 - Interview and Report Writing in Corrections *Credits: 0.5, 16 Clock Hrs.*
- CJK0301 - Introduction to Corrections *Credits: 1, Clock Hrs.: 32*
- CJK0306 - Communications for Correctional Officers *Credits: 1, Clock Hrs.: 32*
- CJK0321 - Intake and Release *Credits: 0.5, Clock Hrs.: 16*
- CJK0324 - Supervision in a Correctional Facility *Credits: 1, Clock Hrs.: 32*
- CJK0326 - Supervising Correctional Populations *Credits: 1, Clock Hrs.: 25*
- CJK0327 - Shift Management and Safety *Credits: 0.5, Clock Hrs.: 20*
- CJK0336 - Incidents and Emergencies in Correctional Facilities *Credits: 0.5, Clock Hrs.: 20*
- CJK0340 - Officer Wellness and Physical Abilities *Credits: 1, Clock Hrs: 30*
- CJK0355 - Legal for Correctional Officers *Credits: 1, Clock Hrs.: 22*

Total Credit Hours: 445

Crossover from Corrections to Law Enforcement, Career and Technical Certificate

7248: Career and Technical Certificate (518 Clock Hours)
CIP: 43.0107
FL CIP: 0743010702
SOC: 33-3051

This program is designed for a student who has a Florida correctional officer's certification and seeks to become a Florida law enforcement officer. Students who successfully complete this program and pass the State Officer Certification Examination typically work as municipal, county, or state law enforcement officers.

This program is upward compatible with an Associate in Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Admission Criteria

Note: Chapter 790.23 F.S. prohibits the possession of a firearm or ammunition by a person who as a juvenile was found to have committed a delinquent act that would be a felony if committed by an adult until the person is 24 years of age. **This would require the applicant to wait until they are 24 to attend the basic recruit training.**

To apply for admission into the Crossover from Correctional Officer to Law Enforcement Officer certificate program, each applicant must:

- be at least 19 years of age prior to completing the program
- be a citizen of the United States
- possess a high school diploma or GED
- not have been convicted of any felony or of a misdemeanor involving perjury or false statement
- not have been discharged dishonorably from the military (if applicable)
- be of good moral character
- pass a background investigation
- pass a physical examination by a licensed physician (M.D. or D.O.), physician's assistant, or an authorized advanced registered nurse practitioner within six months of the start of class
- be in good academic standing at College of Central Florida
- must pass the Law Enforcement version of the Florida Basic Abilities Test, LEBAT. LEBAT may be waived with an associate degree or higher, or a DD214.

In addition, the applicant must:

1. pass the Physical Abilities Test/Course (PAC) within six months prior to the start of class
2. submit a copy of scores on the LEBAT for Law Enforcement which must be less than four years old (from the start of class)
3. submit a completed/signed College of Central Florida Criminal Justice Institute Applicant Questionnaire

Note: All the above information must be submitted as a package. Admission to the program will be based on:

- review of package
- completed questionnaire
- medical examination
- background investigation
- Physical Abilities Test/Course, PAC

Requirements

Program Courses

- CJK0002 - Introduction to Law Enforcement *Credits: 1, Clock Hrs: 12*
- CJK0018 - Legal *Credits: 2, Clock Hrs: 64*
- CJK0016 - Communication *Credits: 1, Clock Hrs: 24*
- CJK0019 - Interviewing and Report Writing *Credits: 2, Clock Hrs: 56*
- CJK0063 - Fundamentals of Patrol *Credits: 1, Clock Hrs: 40*
- CJK0021 - Serving Your Community *Credits: 1, Clock Hrs: 34*
- CJK0072 - Crimes Against Persons *Credits: 1, Clock Hrs: 48*
- CJK0079 - Crime Scene Follow-Up Investigations *Credits: 1, Clock Hrs: 34*
- CJK0093 - Critical Incidents *Credits: 1, Clock Hrs: 44*
- CJK0401 - Traffic Stops *Credits: 1, Clock Hrs: 24*
- CJK0403 - DUI Traffic Stops *Credits: 1, Clock Hrs: 24*
- CJK0402 - Traffic Crash Investigations *Credits: 1, Clock Hrs: 30*
- CJK0393 - Crossover Program Updates *Credits: 1, Clock Hrs: 8*
- CJK0020 - Law Enforcement Vehicle Operations *Credits: 1, Clock Hrs: 48*
- CJK0421 - Conducted Electrical Weapon/ Dart Firing Stun Gun *Credits: 1, Clock Hrs: 4*
- CJK0073 - Crimes Involving Property and Society *Credits: 0.5, Clock Hrs: 12*
- CJK0400 - Traffic Incidents *Credits: 0.5, Clock Hrs: 12*

Total Credit Hours: 518

Crossover from Law Enforcement to Corrections, Career and Technical Certificate

7249: Career and Technical Certificate (223 Clock Hours)
CIP: 43.0102
FL CIP: 0743010205
SOC: 33-3012

This program is designed for a student who has a Florida Law Enforcement officer's certification and seeks to become a Florida correctional officer. Students who successfully complete this program and pass the State Officer Certification Examination typically work as municipal, county, or state correctional officers.

This program is upward compatible with an Associate in Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Admission Criteria

Note: Chapter 790.23 F.S. prohibits the possession of a firearm or ammunition by a person who as a juvenile was found to have committed a delinquent act that would be a felony if committed by an adult until the person is 24 years of age. **This would require the applicant to wait until they are 24 to attend the basic recruit training**.

To apply for admission into the Crossover from Correctional Officer to Law Enforcement Officer certificate program, each applicant must:

- be at least 19 years of age prior to completing the program
- be a citizen of the United States
- possess a high school diploma or GED
- not have been convicted of any felony or of a misdemeanor involving perjury or false statement
- not have been discharged dishonorably from the military (if applicable)
- be of good moral character
- pass a background investigation
- pass a physical examination by a licensed physician (M.D. or D.O.), physician's assistant, or an authorized advanced registered nurse practitioner within six months of the start of class
- be in good academic standing at College of Central Florida
- must pass the Corrections version of the Florida Basic Abilities Test, COBAT

In addition, the applicant must submit:

1. a copy of scores on the COBAT for Corrections which must be less than four years old (from the start of class)
2. a completed/signed College of Central Florida Criminal Justice Institute Applicant Questionnaire

Note: All the above information must be submitted as a package.

Admission to the program will be based on:

- review of package
- completed questionnaire
- medical examination
- background investigation

Requirements

Program Courses

- CJK0111 - Interview and Report Writing in Corrections *Credits: 0.5, 16 Clock Hrs.*
- CJK0301 - Introduction to Corrections *Credits: 1, Clock Hrs.: 32*
- CJK0306 - Communications for Correctional Officers *Credits: 1, Clock Hrs.: 32*
- CJK0321 - Intake and Release *Credits: 0.5, Clock Hrs.: 16*
- CJK0324 - Supervision in a Correctional Facility *Credits: 1, Clock Hrs.: 32*
- CJK0326 - Supervising Correctional Populations *Credits: 1, Clock Hrs.: 25*
- CJK0327 - Shift Management and Safety *Credits: 0.5, Clock Hrs.: 20*
- CJK0336 - Incidents and Emergencies in Correctional Facilities *Credits: 0.5, Clock Hrs.: 20*
- CJK0355 - Legal for Correctional Officers *Credits: 1, Clock Hrs.: 22*
- CJK0393 - Crossover Program Updates *Credits: 1, Clock Hrs: 8*

Total Credit Hours: 223

Florida Law Enforcement Academy, Career and Technical Certificate

7298: Career and Technical Certificate (770 Clock Hours)
CIP: 43.0107
FL CIP: 0743010700
SOC: 33-3051

This program is designed for students who seek certification as law enforcement officers. Graduates will be eligible to sit for the state's certification examination. The program is certified by the Florida Department of Law Enforcement, Criminal Justice Standards and Training Commission, P.O. Box 1489, Tallahassee, FL 32302-1489, telephone 850-410-8600.

Please consult CF.edu/PublicService for updated information regarding this program.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

Admission Criteria

Note: Chapter 790.23 F.S. prohibits the possession of a firearm or ammunition by a person who as a juvenile was found to have committed a delinquent act that would be a felony if committed by an adult until the person is 24 years of age. **This would require the applicant to wait until they are 24 to attend the basic recruit training.**

To apply for admission into the Corrections Officer or Law Enforcement Officer certificate program, each applicant must:

- be at least 19 years of age prior to completing the program
- be a citizen of the United States
- possess a high school diploma or GED
- not have been convicted of any felony or of a misdemeanor involving perjury or false statement
- not have been discharged dishonorably from the military (if applicable)
- be of good moral character
- pass a background investigation
- pass the Physical Abilities Test/Course (PAC) within six months of the start of class
- pass a physical examination by a licensed physician (M.D. or D.O.) or physician's assistant within six months of the start of class
- be in good academic standing at College of Central Florida
- pass the Law Enforcement version of the Florida Basic Abilities Test, LEBAT. LEBAT may be waived with an associate degree or higher, or a DD214.

In addition, the applicant must submit:

1. a copy of scores on the LEBAT for Law Enforcement which must be less than four years old from the start of class
2. a completed/signed College of Central Florida Criminal Justice Institute Applicant Questionnaire

Note: All the above information must be submitted as a package.

Admission to the program will be based on:

- review of package
- completed questionnaire
- medical examination
- background investigation
- Physical Abilities Test/Course, PAC

Requirements

Program Courses

- CJK0002 - Introduction to Law Enforcement *Credits: 1, Clock Hrs: 12*
- CJK0018 - Legal *Credits: 2, Clock Hrs: 64*
- CJK0016 - Communication *Credits: 1, Clock Hrs: 24*
- CJK0019 - Interviewing and Report Writing *Credits: 2, Clock Hrs: 56*
- CJK0063 - Fundamentals of Patrol *Credits: 1, Clock Hrs: 40*
- CJK0021 - Serving Your Community *Credits: 1, Clock Hrs: 34*
- CJK0072 - Crimes Against Persons *Credits: 1, Clock Hrs: 48*
- CJK0073 - Crimes Involving Property and Society *Credits: 0.5, Clock Hrs: 12*
- CJK0093 - Critical Incidents *Credits: 1, Clock Hrs: 44*
- CJK0401 - Traffic Stops *Credits: 1, Clock Hrs: 24*
- CJK0403 - DUI Traffic Stops *Credits: 1, Clock Hrs: 24*
- CJK0402 - Traffic Crash Investigations *Credits: 1, Clock Hrs: 30*
- CJK0020 - Law Enforcement Vehicle Operations *Credits: 1, Clock Hrs: 48*
- CJK0031 - First Aid for Criminal Justice Officers *Credits: 1, Clock Hrs: 40*
- CJK0040 - Criminal Justice Firearms *Credits: 3, Clock Hrs: 80*
- CJK0051 - Defensive Tactics *Credits: 3, Clock Hrs: 80*
- CJK0421 - Conducted Electrical Weapon/ Dart Firing Stun Gun *Credits: 1, Clock Hrs: 4*
- CJK0096 - Criminal Justice Officer Physical Fitness Training/Law Enforcement *Credits: 2, Clock Hrs: 60*
- CJK0079 - Crime Scene Follow-Up Investigations *Credits: 1, Clock Hrs: 34*
- CJK0400 - Traffic Incidents *Credits: 0.5, Clock Hrs: 12*

Total Credit Hours: 770

Welding Technology - Advanced, Career and Technical Certificate

7297: Career and Technical Certificate (750 Clock Hours)
CIP: 48.0508
FL CIP: 0648050806
SOC: 51-4121

Welding Technologies - Advanced is offered exclusively at our Jack Wilkinson Levy Campus. For information contact the Levy Campus at 352-658-4077.

This program offers a sequence of courses that provide rigorous and relevant technical skills needed to prepare for careers in the welding industry. This certificate allows students to continue their skill development beyond the current Applied Welding Technologies certificate program with an additional 750 contact hours focused primarily on pipe welding techniques. Upon completion of the Welding Technology -Advanced certificate program, graduates will be prepared for high-level welding positions within the industry. Successful completion of a welding technology program is required prior to enrollment in this program.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

Requirements

Program Courses

- PMT0165 - Shield Metal Arc Pipe Welding *Credits: 5, Clock Hrs: 125*
- PMT0168 - Gas Tungsten Arc Pipe Welding *Credits: 5, Clock Hrs: 125*
- PMT0172 - Heavy Wall Pipe Welding *Credits: 5, Clock Hrs: 125*
- PMT0175 - Pipe Fitting *Credits: 5, Clock Hrs: 125*
- PMT0186 - Stainless Pipe Welding *Credits: 5, Clock Hrs: 125*
- PMT0185 - Pipe Welding Certification *Credits: 5, Clock Hrs: 125*

Total Credit Hours: 750

Welding Technology, Career and Technical Certificate

7281: Career and Technical Certificate (1,050 Clock Hours)
CIP: 48.0508
FL CIP: 0648050805
SOC: 51-4121

Welding Technology is offered exclusively at our Jack Wilkinson Levy Campus. For information contact the Levy Campus at 352-658-4077.

The purpose of this program is to prepare students for industry certification and employment as welders and flame cutters, tack welders, welder assemblers, arc cutters, arc welders, combination welders and production line welders, and provides supplemental training for individuals previously or currently employed in these occupations. The content of this program includes communication skills, leadership skills, human relations and employability skills, and safe and efficient work practices. Also included are the use of gases and/or welding processes to assemble parts according to diagrams, blueprints or written specifications.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

Requirements

Program Courses

- PMT0102 - Introduction to Welding *Credits: 4, Clock Hrs: 120*
- PMT0111 - Oxyacetylene Welding *Credits: 4, Clock Hrs: 120*
- PMT0121 - Shielded Metal Arc Welding *Credits: 4, Clock Hrs: 120*
- PMT0121 - Shielded Metal Arc Welding *Credits: 4, Clock Hrs: 120*
- PMT0134 - Gas Metal Arc Welding *Credits: 4, Clock Hrs: 120*
- PMT0930L - Welding Skills Development Lab *Credits: 2, Clock Hrs: 60*
- PMT0131 - Gas Tungsten Arc Welding *Credits: 4, Clock Hrs: 120*
- PMT0161 - Pipe Welding *Credits: 3, Clock Hrs: 90*
- PMT0161 - Pipe Welding *Credits: 3, Clock Hrs: 90*
- PMT0161 - Pipe Welding *Credits: 3, Clock Hrs: 90*

Total Credit Hours: 1050

Baccalaureate Degrees

Business and Organizational Management, B.A.S.

CIP: 52.0299
FL CIP: 1105202991

The Bachelor of Applied Science (B.A.S.) in Business and Organizational Management is a pathway to becoming an effective leader in a wide range of industries. This program develops a student's management expertise, preparing them for administrative and leadership roles across diverse sectors. With specializations in Accounting, Agribusiness Management, Equine Studies, Management Information Systems, Health Care Management, Human Resources Management, Public Safety Administration and Logistics and Supply Chain Management, the B.A.S. program allows students to tailor their personalized career path. With this degree, students will gain strategic skills and specialized knowledge to drive success in a variety of business settings.

Students accepted for these programs must have completed either an Associate in Arts, Associate in Science or Associate in Applied Science degree in an appropriate field, and have a minimum GPA of 2.0. A minimum of 60 credits from the student's associate degree will count toward completion of the program. Additional General Education and/or technical specialization courses may be required. Students should work closely with their advisor to ensure that all program requirements are met.

A grade of C or better is required in all technical, program core and program specialization courses, and all courses used to satisfy the Gordon Rule requirement. Students transferring into baccalaureate programs with an A.A. degree or higher do not need to meet our General Education requirements with the exception of college level English and Gordon Rule math. These students must have successfully completed, with a grade of C or better, at least one college level English and one Gordon Rule math course. General Education courses must total 36 credits. The A.A. or higher degree must be from an accredited institution but can be public, private and/or out of state. Additional coursework may be required for students transferring into B.A.S. programs with an A.S. or A.A.S. degree.

B101: Bachelor of Applied Science in Business and Organizational Management

The Business and Organizational Management general track hones the essential skills students need to excel across diverse business environments, from private businesses and government agencies to non-profit organizations. Students will learn to bridge the gap between management theory and real-world application, gaining practical expertise to navigate the complexities of today's professional landscape.

Graduates are well-prepared for a wide array of administrative and leadership roles across diverse business settings. This degree provides a versatile foundation for future career growth.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

Requirements

Required Technical Specialization Courses

Courses in this section will be comprised of those General Education or area-related Technical Specialization courses needed to fulfill the requirements of the program. These courses will vary based on the student's associate-level coursework. Students will work with their advisor to choose the necessary coursework for their program. Lower division college-level coursework used to satisfy this requirement may have the following prefixes: ACG, AEB, AGG, AGR, ANS, AOM, BUL, BUS, CET, CCJ, CGS, CIS, COP, EET, EGN, ENT, ETI, ETS, ECO, FFP, GEB, GIS HIM, HSA, HSC, LOG, MAN, MAR, MGT, MNA, SBM, ORH, OST, PLA, TAX or TRA**.** A total of 21 credit hours is required.

Total Credit Hours: 21

Core and Specialization

Program Core Courses

- MAN3303 - Management and Leadership *Credits: 3*
- COM3120 - Organizational Communications *Credits: 3*
- ACG3024 - Financial Statement Analysis for Managers *Credits: 3*
- BUL3130 - The Legal and Ethical Environment of Business *Credits: 3*
- MAN4940 - Internship in Business and Organizational Management *Credits: 3*
- MAN4900 - Capstone in Organizational Management *Credits: 3*

Program Specialization Courses

- MAN4162 - Customer Relations for Managers *Credits: 3*
- ISM3011 - Introduction to Information Systems Management *Credits: 3*
- MAN3240 - Applied Organizational Behavior *Credits: 3*
- MAR3802 - Marketing for Managers *Credits: 3*
- GEB4891 - Strategic Management and Decision Making *Credits: 3*
- MAN4301 - Human Resource Management *Credits: 3*

Elective

Choose one of the following:

- MAN3600 - International Business *Credits: 3*

- MAN3860 - Nonprofit Organizational Management *Credits: 3*
- ENT4003 - Principles of Entrepreneurship *Credits: 3*
- MAR3700 - Digital Marketing *Credits: 3*
- ISM3421 - AI Fundamentals for Business *Credits: 3*

Total Credit Hours: 39

Credit Hours from Associate Degree: 60

Total Credit Hours: 120

Business and Organizational Management - Accounting Specialization, B.A.S.

CIP: 52.0299
FL CIP: 1105202991

The Bachelor of Applied Science (B.A.S.) in Business and Organizational Management is a pathway to becoming an effective leader in a wide range of industries. This program develops a student's management expertise, preparing them for administrative and leadership roles across diverse sectors. With specializations in Accounting, Agribusiness Management, Equine Studies, Management Information Systems, Health Care Management, Human Resources Management, Public Safety Administration and Logistics and Supply Chain Management, the B.A.S. program allows students to tailor their personalized career path. With this degree, students will gain strategic skills and specialized knowledge to drive success in a variety of business settings.

Students accepted for these programs must have completed either an Associate in Arts, Associate in Science or Associate in Applied Science degree in an appropriate field, and have a minimum GPA of 2.0. A minimum of 60 credits from the student's associate degree will count toward completion of the program. Additional General Education and/or technical specialization courses may be required. Students should work closely with their advisor to ensure that all program requirements are met.

A grade of C or better is required in all technical, program core and program specialization courses, and all courses used to satisfy the Gordon Rule requirement. Students transferring into baccalaureate programs with an A.A. degree or higher do not need to meet our General Education requirements with the exception of college level English and Gordon Rule math. These students must have successfully completed, with a grade of C or better, at least one college level English and one Gordon Rule math course. General Education courses must total 36 credits. The A.A. or higher degree must be from an accredited institution but can be public, private and/or out of state. Additional coursework may be required for students transferring into B.A.S. programs with an A.S. or A.A.S. degree.

B108: Bachelor of Applied Science in Business and Organizational Management - Accounting Specialization

The Accounting Specialization under the Bachelor of Applied Science in Business and Organizational Management degree focuses on the vital skills students need to excel across diverse accounting and financial environments. This includes professional management careers in accounting and finance settings within manufacturing, banking, service, and nonprofit sectors. Students will learn the strategic administration of financial operations and their organizational impact. The program covers how to leverage management principles for effective operations, sound financial management, and strategic budgeting within these diverse industries. This program is designed for students with an associate degree in accounting, business or related fields.

Graduates are well-prepared for a wide array of administrative and leadership roles across diverse accounting and financial settings, enabling advancement within these organizations. This degree provides a versatile foundation for your future career growth in accounting and finance.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

Requirements

Required Technical Specialization Courses

Courses in this section will be comprised of those General Education or area-related Technical Specialization courses needed to fulfill the requirements of the program. These courses will vary based on the student's associate-level coursework. Students will work with their advisor to choose the necessary coursework for their program. The Accounting Specialization requires students to take 21 credits of technical courses. The technical course options include the courses listed below as well as 12 credits from courses with the following prefixes: ACG, BUL, BUS, CGS, ECO, ENT, GEB, MAN, MAR, MGT, MNA, OST or SBM.

- ACG2021 - Financial Accounting *Credits: 3*
- ACG2071 - Managerial Accounting *Credits: 3*
- ECO2023 - Principles of Economics - Micro *Credits: 3*

Total Credit Hours: 21

Core and Specialization:

Program Core Courses

- MAN3303 - Management and Leadership *Credits: 3*
- COM3120 - Organizational Communications *Credits: 3*
- ACG3024 - Financial Statement Analysis for Managers *Credits: 3*
- BUL3130 - The Legal and Ethical Environment of Business *Credits: 3*
- MAN4940 - Internship in Business and Organizational Management *Credits: 3*
- MAN4900 - Capstone in Organizational Management *Credits: 3*

Program Specialization Courses

- ACG3131 - Intermediate Accounting *Credits: 3*
- ACG4341 - Cost Accounting *Credits: 3*

- ACG4631 - Auditing *Credits: 3*
- TAX4001 - Federal Income Tax *Credits: 3*

Elective

Choose 9 credits from the following:

- ACG3041 - Applied Financial Accounting *Credits: 3*
- ACG3401 - Accounting Information Systems *Credits: 3*
- ENT4003 - Principles of Entrepreneurship *Credits: 3*
- GEB4891 - Strategic Management and Decision Making *Credits: 3*
- ISM3011 - Introduction to Information Systems Management *Credits: 3*
- ISM3421 - AI Fundamentals for Business *Credits: 3*
- MAN3240 - Applied Organizational Behavior *Credits: 3*
- MAN3600 - International Business *Credits: 3*
- MAN3860 - Nonprofit Organizational Management *Credits: 3*
- MAN4162 - Customer Relations for Managers *Credits: 3*
- MAN4301 - Human Resource Management *Credits: 3*
- MAR3700 - Digital Marketing *Credits: 3*
- MAR3802 - Marketing for Managers *Credits: 3*

Total Credit Hours:39

Credit Hours from Associate Degree: 60

Total Credit Hours: 120

Business and Organizational Management - Agribusiness Management Specialization, B.A.S.

CIP: 52.0299
FL CIP: 1105202991

The Bachelor of Applied Science (B.A.S.) in Business and Organizational Management is a pathway to becoming an effective leader in a wide range of industries. This program develops a student's management expertise, preparing them for administrative and leadership roles across diverse sectors. With specializations in Accounting, Agribusiness Management, Equine Studies, Management Information Systems, Health Care Management, Human Resources Management, Public Safety Administration and Logistics and Supply Chain Management, the B.A.S. program allows students to tailor their personalized career path. With this degree, students will gain strategic skills and specialized knowledge to drive success in a variety of business settings.

Students accepted for these programs must have completed either an Associate in Arts, Associate in Science or Associate in Applied Science degree in an appropriate field, and have a minimum GPA of 2.0. A minimum of 60 credits from the student's associate degree will count toward completion of the program. Additional General Education and/or technical specialization courses may be required. Students should work closely with their advisor to ensure that all program requirements are met.

A grade of C or better is required in all technical, program core and program specialization courses, and all courses used to satisfy the Gordon Rule requirement. Students transferring into baccalaureate programs with an A.A. degree or higher do not need to meet our General Education requirements with the exception of college level English and Gordon Rule math. These students must have successfully completed, with a grade of C or better, at least one college level English and one Gordon Rule math course. General Education courses must total 36 credits. The A.A. or higher degree must be from an accredited institution but can be public, private and/or out of state. Additional coursework may be required for students transferring into B.A.S. programs with an A.S. or A.A.S. degree.

B102: Bachelor of Applied Science in Business and Organizational Management - Agribusiness Management Specialization

The Agribusiness Specialization under the Bachelor of Applied Science in Business and Organizational Management degree hones the essential skills students need to excel across diverse agricultural environments, from farm and ranch operations and agricultural development firms to support organizations within the agribusiness sector. Students will learn to bridge the gap between management theory and practical agricultural skills to navigate the complexities of today's professional agribusiness landscape. This program is designed for students with an associate degree in fields such as agriculture, equine, landscape and horticulture, and animal science.

Graduates are well-prepared for a wide array of administrative and leadership roles across diverse agribusiness settings. This degree provides a versatile foundation for future career growth in the dynamic world of agribusiness.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

Requirements

Required Technical Specialization Courses

Courses in this section will be comprised of Required Technical Specialization courses and/or General Education courses needed to fulfill the requirements of the program. Actual coursework required will vary based on the student's associate-level coursework. Students will work with their advisor to choose the necessary coursework for their program. Lower division college-level coursework used to satisfy this requirement may have the following prefixes: AEB, AGG, AGR, ANS, AOM, ATE, BUL, BUS, CGS, COP, ETI, ETS, ECO, ENT, GEB, GIS, LOG, MAN, MAR, MGT, MNA, ORH, OST, SBM, SOS, SWS, or TRA. A total of 21 credit hours is required.

Total Credit Hours: 21

Core and Specialization

Program Core Courses

- MAN3303 - Management and Leadership *Credits: 3*
- COM3120 - Organizational Communications *Credits: 3*
- ACG3024 - Financial Statement Analysis for Managers *Credits: 3*
- BUL3130 - The Legal and Ethical Environment of Business *Credits: 3*
- MAN4940 - Internship in Business and Organizational Management *Credits: 3*
- MAN4900 - Capstone in Organizational Management *Credits: 3*

Program Specialization Courses

- AOM3073 - Safety in Agriculture *Credits: 3*
- AEB4223 - Agricultural Policy and Regulations *Credits: 3*
- AEB3300 - Agribusiness Marketing and Sales *Credits: 3*
- AOM4015 - Agricultural Operations and Systems *Credits: 3*

Elective

Choose 9 credits from the following:

- AEB3015 - Economic Development and Growth in Agribusiness *Credits: 3*
- AEB3146 - Financial Planning for Agribusiness *Credits: 3*
- AEB3933 - Special Topics in Agribusiness *Credits: 3*
- ENT4003 - Principles of Entrepreneurship *Credits: 3*
- GEB4891 - Strategic Management and Decision Making *Credits: 3*
- ISM3011 - Introduction to Information Systems Management *Credits: 3*
- ISM3421 - AI Fundamentals for Business *Credits: 3*
- MAN3240 - Applied Organizational Behavior *Credits: 3*
- MAN3600 - International Business *Credits: 3*
- MAN3860 - Nonprofit Organizational Management *Credits: 3*
- MAN4162 - Customer Relations for Managers *Credits: 3*
- MAN4301 - Human Resource Management *Credits: 3*
- MAR3700 - Digital Marketing *Credits: 3*
- MAR3802 - Marketing for Managers *Credits: 3*

Credit Hours from Associate Degree: 60

Total Credit Hours: 120

Business and Organizational Management - Equine Studies Specialization, B.A.S.

CIP: 52.0299
FL CIP: 1105202991

The Bachelor of Applied Science (B.A.S.) in Business and Organizational Management is a pathway to becoming an effective leader in a wide range of industries. This program develops a student's management expertise, preparing them for administrative and leadership roles across diverse sectors. With specializations in Accounting, Agribusiness Management, Equine Studies, Management Information Systems, Health Care Management, Human Resources Management, Public Safety Administration and Logistics and Supply Chain Management, the B.A.S. program allows students to tailor their personalized career path. With this degree, students will gain strategic skills and specialized knowledge to drive success in a variety of business settings.

Students accepted for these programs must have completed either an Associate in Arts, Associate in Science or Associate in Applied Science degree in an appropriate field, and have a minimum GPA of 2.0. A minimum of 60 credits from the student's associate degree will count toward completion of the program. Additional General Education and/or technical specialization courses may be required. Students should work closely with their advisor to ensure that all program requirements are met.

A grade of C or better is required in all technical, program core and program specialization courses, and all courses used to satisfy the Gordon Rule requirement. Students transferring into baccalaureate programs with an A.A. degree or higher do not need to meet our General Education requirements with the exception of college level English and Gordon Rule math. These students must have successfully completed, with a grade of C or better, at least one college level English and one Gordon Rule math course. General Education courses must total 36 credits. The A.A. or higher degree must be from an accredited institution but can be public, private and/or out of state. Additional coursework may be required for students transferring into B.A.S. programs with an A.S. or A.A.S. degree.

B107: Bachelor of Applied Science in Business and Organizational Management - Equine Studies Specialization

The Equine Studies Specialization under the Bachelor of Applied Science in Business and Organizational Management degree focuses on the vital skills students need to excel across diverse environments within the horse industry of tomorrow. This program combines practical equine handling skills with essential business skills. Graduates emerge with the expertise to manage both horses and the enterprises that support them, making the Equine Studies Specialization a unique pathway to success. This program is designed for students with an associate degree in equine studies, agribusiness, animal science, business, or other related fields.

Graduates are well-prepared for a wide array of administrative and leadership roles across diverse equine industry settings, enabling advancement within these organizations. This degree provides a versatile foundation for future career growth in the dynamic world of business as it relates to the equine industry.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

Requirements

Required Technical Specialization Courses

Courses in this section will be comprised of those General Education or area-related Technical Specialization courses needed to fulfill the requirements of the program. These courses will vary based on the student's associate-level coursework. Students will work with their advisor to choose the necessary coursework for their program. The Equine Studies Specialization requires students to take 21 credits of technical courses. The technical course options include the courses listed below, as well as courses that may have the following prefixes: AEB, AGG, AGR, ANS, AOM, ATE, BUL, BUS, CGS, ECO, ENT, GEB, GIS, MAN, MAR, MGT, MNA, ORH, OST, SBM, SOS, or SWS.

- ANS1073C - Equine Anatomy and Physiology *Credits: 3*
- AEB2137C - Equine Business Management *Credits: 3*
- ANS1016 - Basic Horse Handling and Safety *Credits: 3*

  OR
- ANS2232C - Advanced Horse Handling Skills *Credits: 3*

Total Credit Hours: 21

Core and Specialization

Program Core Courses

- MAN3303 - Management and Leadership *Credits: 3*
- COM3120 - Organizational Communications *Credits: 3*
- ACG3024 - Financial Statement Analysis for Managers *Credits: 3*
- BUL3130 - The Legal and Ethical Environment of Business *Credits: 3*
- MAN4940 - Internship in Business and Organizational Management *Credits: 3*
- MAN4900 - Capstone in Organizational Management *Credits: 3*

Program Specialization Courses

- ANS4218 - Equine Learning Theory *Credits: 3*
- ANS3210 - Equitation Science *Credits: 3*
- ANS3215 - Integrated Horse Management *Credits: 3*
- ANS3950 - Equine Practicum *Credits: 3*

Elective

Choose 9 credits from the following:

- ANS3219 - Logistics for the Horse Industry *Credits: 3*
- ANS4941 - Equine Capstone *Credits: 3*
- ENT4003 - Principles of Entrepreneurship *Credits: 3*
- GEB4891 - Strategic Management and Decision Making *Credits: 3*
- ISM3011 - Introduction to Information Systems Management *Credits: 3*
- MAN3240 - Applied Organizational Behavior *Credits: 3*
- MAN3600 - International Business *Credits: 3*
- MAN3860 - Nonprofit Organizational Management *Credits: 3*
- MAN4162 - Customer Relations for Managers *Credits: 3*
- MAN4301 - Human Resource Management *Credits: 3*
- MAR3802 - Marketing for Managers *Credits: 3*
- ISM3421 - AI Fundamentals for Business *Credits: 3*
- MAR3700 - Digital Marketing *Credits: 3*

Total Credit Hours:39

Credit Hours from Associate Degree: 60

Total Credit Hours: 120

Business and Organizational Management - Health Care Management Specialization, B.A.S.

CIP: 52.0299
FL CIP: 1105202991

The Bachelor of Applied Science (B.A.S.) in Business and Organizational Management is a pathway to becoming an effective leader in a wide range of industries. This program develops a student's management expertise, preparing them for administrative and leadership roles across diverse sectors. With specializations in Accounting, Agribusiness Management, Equine Studies, Management Information Systems, Health Care Management, Human Resources Management, Public Safety Administration and Logistics and Supply Chain Management, the B.A.S. program allows students to tailor their personalized career path. With this degree, students will gain strategic skills and specialized knowledge to drive success in a variety of business settings.

Students accepted for these programs must have completed either an Associate in Arts, Associate in Science or Associate in Applied Science degree in an appropriate field, and have a minimum GPA of 2.0. A minimum of 60 credits from the student's associate degree will count toward completion of the program. Additional General Education and/or technical specialization courses may be

required. Students should work closely with their advisor to ensure that all program requirements are met.

A grade of C or better is required in all technical, program core and program specialization courses, and all courses used to satisfy the Gordon Rule requirement. Students transferring into baccalaureate programs with an A.A. degree or higher do not need to meet our General Education requirements with the exception of college level English and Gordon Rule math. These students must have successfully completed, with a grade of C or better, at least one college level English and one Gordon Rule math course. General Education courses must total 36 credits. The A.A. or higher degree must be from an accredited institution but can be public, private and/or out of state. Additional coursework may be required for students transferring into B.A.S. programs with an A.S. or A.A.S. degree.

B104: Bachelor of Applied Science in Business and Organizational Management - Health Care Management Specialization

The Health Care Management Specialization enables students to develop skills and knowledge for health organizations such as hospitals and all other health care providers. The focus of the specialization is on the supervisory skills needed for advancement in the field of health care for clinicians, new and mid-level managers.

The Health Care Management Specialization under the Bachelor of Applied Science in Business and Organizational Management degree focuses on the important skills students need to excel across diverse healthcare environments, from hospitals and clinics to managed care organizations and public health agencies. Students will learn the strategic business side of healthcare operations, learning how to leverage management principles for efficient service delivery, effective resource allocation, human resource management and strategic planning in a rapidly evolving industry. This program is designed for students with an associate degree in healthcare-related fields. While students with backgrounds in business or other relevant disciplines can enroll, a clinical background is strongly encouraged for success.

Graduates are well-prepared for a wide array of administrative and leadership roles across diverse healthcare settings where understanding and applying business principles to health services is crucial. This degree provides a versatile foundation for future career growth in the dynamic intersection of healthcare administration and business leadership.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

Requirements

General Education/Technical Specialization Courses

Courses in this section will be comprised of those General Education or area-related Technical Specialization courses needed to fulfill the requirements of the program. These courses will vary based on the student's associate-level coursework. Students will work with their advisor to choose the necessary coursework for their program. The Health Care Management Specialization requires students to take 21 credits of technical courses. The technical course options used to satisfy this requirement may have the following prefixes: ACG, BUL, BUS, CGS, ECO, ENT, GEB, HIM, HSA, HSC, MAN, MAR, MGT, MNA, SBM, or OST, or any health care course leading to licensure (CVT, DEA, DEH, DES, EMS, PHT, NUR, RET, RTE, SON or STS).

Total Credit Hours: 21

Core and Specialization

Program Core Courses

- MAN3303 - Management and Leadership *Credits: 3*
- COM3120 - Organizational Communications *Credits: 3*
- ACG3024 - Financial Statement Analysis for Managers *Credits: 3*
- BUL3130 - The Legal and Ethical Environment of Business *Credits: 3*
- MAN4940 - Internship in Business and Organizational Management *Credits: 3*
- MAN4900 - Capstone in Organizational Management *Credits: 3*

Program Specialization Courses

- HSA3111 - Survey of American Health Care Systems *Credits: 3*
- HSC3652 - Health Care Ethics *Credits: 3*
- MAN4301 - Human Resource Management *Credits: 3*
- HSA4110 - Management Foundations for Health Care Administration *Credits: 3*

Elective

Choose 9 credits from the following:

- ENT4003 - Principles of Entrepreneurship *Credits: 3*
- GEB4891 - Strategic Management and Decision Making *Credits: 3*
- ISM3011 - Introduction to Information Systems Management *Credits: 3*
- ISM3421 - AI Fundamentals for Business *Credits: 3*
- HSA3170 - Health Care Financial Management *Credits: 3*
- HSA4421 - Policy and Legal Aspects of Health Care *Credits: 3*
- HSA4922 - Health Care Management Practicum *Credits: 3*
- MAN3240 - Applied Organizational Behavior *Credits: 3*
- MAN3600 - International Business *Credits: 3*
- MAN3860 - Nonprofit Organizational Management *Credits: 3*

- MAN4162 - Customer Relations for Managers *Credits: 3*
- MAR3700 - Digital Marketing *Credits: 3*
- MAR3802 - Marketing for Managers *Credits: 3*

Total Credit Hours: 39

Credit Hours from Associate Degree: 60

Total Credit Hours: 120

Business and Organizational Management - Human Resources Management Specialization, B.A.S.

CIP: 52.0299
FL CIP: 1105202991

The Bachelor of Applied Science (B.A.S.) in Business and Organizational Management is a pathway to becoming an effective leader in a wide range of industries. This program develops a student's management expertise, preparing them for administrative and leadership roles across diverse sectors. With specializations in Accounting, Agribusiness Management, Equine Studies, Management Information Systems, Health Care Management, Human Resources Management, Public Safety Administration and Logistics and Supply Chain Management, the B.A.S. program allows students to tailor their personalized career path. With this degree, students will gain strategic skills and specialized knowledge to drive success in a variety of business settings.

Students accepted for these programs must have completed either an Associate in Arts, Associate in Science or Associate in Applied Science degree in an appropriate field, and have a minimum GPA of 2.0. A minimum of 60 credits from the student's associate degree will count toward completion of the program. Additional General Education and/or technical specialization courses may be required. Students should work closely with their advisor to ensure that all program requirements are met.

A grade of C or better is required in all technical, program core and program specialization courses, and all courses used to satisfy the Gordon Rule requirement. Students transferring into baccalaureate programs with an A.A. degree or higher do not need to meet our General Education requirements with the exception of college level English and Gordon Rule math. These students must have successfully completed, with a grade of C or better, at least one college level English and one Gordon Rule math course. General Education courses must total 36 credits. The A.A. or higher degree must be from an accredited institution but can be public, private and/or out of state. Additional coursework may be required for students transferring into B.A.S. programs with an A.S. or A.A.S. degree.

Education and/or technical specialization courses may be required. Students should work closely with their advisor to ensure that all program requirements are met.

B109: Bachelor of Applied Science in Business and Organizational Management - Human Resources Management Specialization

The Human Resources Management Specialization under the Bachelor of Applied Science in Business and Organizational Management degree focuses on the vital skills students need to excel in the ever-growing field of human resources. This includes professional management careers in talent acquisition, employee development, compensation, benefits, and organizational culture across diverse industries. Students learn the strategic administration of human capital and its organizational impact. The program covers how to leverage management principles for effective operations and strategic planning related to human resources in various industries. This program is designed for students with an associate degree in business, human resources, or related fields.

Graduates are well-prepared for a wide array of administrative and leadership roles across diverse human resources settings, enabling advancement within these organizations. This includes positions such as HR generalists, compensation and benefits analysts, trainers, HR business partners, succession planners, and corporate recruiters. This degree provides a versatile foundation for future career growth in human resources.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

Requirements

Required Technical Specialization Courses

Courses in this section will be comprised of those General Education or area-related Technical Specialization courses needed to fulfill the requirements of the program. These courses will vary based on the student's associate-level coursework. Students will work with their advisor to choose the necessary coursework for their program. The Human Resources Management Specialization requires students to take 21 credits of technical courses. The technical course options include courses with the following prefixes: ACG, BUL, BUS, CET, CGS, ECO, ENT, GEB, GIS, LOG, MAN, MAR, MGT, MNA, OST, SBM, PLA or TRA.

- GEB1011 - Introduction to Business *Credits: 3*
- ECO2013 - Principles of Economics - Macro *Credits: 3*
- ECO2023 - Principles of Economics - Micro *Credits: 3*
- CGS1100 - Microcomputer Applications *Credits: 3*
- BUL2241 - Business Law I *Credits: 3*
- ACG2021 - Financial Accounting *Credits: 3*
- MAN2021 - Principles of Management *Credits: 3*
- MAR2011 - Principles of Marketing *Credits: 3*
- CGS2103 - Spreadsheet Applications *Credits: 3*
- MAN2304 - Introduction to Human Resources *Credits: 3*
- MAN2582 - Introduction to Project Management *Credits: 3*

Total Credit Hours: 21

Core and Specialization:

Program Core Courses

- ACG3024 - Financial Statement Analysis for Managers *Credits: 3*
- BUL3130 - The Legal and Ethical Environment of Business *Credits: 3*
- COM3120 - Organizational Communications *Credits: 3*
- MAN3303 - Management and Leadership *Credits: 3*
- MAN4940 - Internship in Business and Organizational Management *Credits: 3*
- MAN4900 - Capstone in Organizational Management *Credits: 3*

Program Specialization Courses:

- MAN4301 - Human Resource Management *Credits: 3*
- MAN4320 - Human Resource Recruitment and Selection *Credits: 3*
- MAN4330 - Compensation Management *Credits: 3*
- MAN4402 - Employment Law and Regulations *Credits: 3*
- MAN4720 - Strategic Human Resource Management *Credits: 3*

Elective

Choose 6 credits from the following:

- ENT4003 - Principles of Entrepreneurship *Credits: 3*
- GEB4891 - Strategic Management and Decision Making *Credits: 3*
- ISM3011 - Introduction to Information Systems Management *Credits: 3*
- ISM3421 - AI Fundamentals for Business *Credits: 3*
- MAN3240 - Applied Organizational Behavior *Credits: 3*
- MAN3600 - International Business *Credits: 3*
- MAN3860 - Nonprofit Organizational Management *Credits: 3*
- MAN4162 - Customer Relations for Managers *Credits: 3*
- MAR3700 - Digital Marketing *Credits: 3*
- MAR3802 - Marketing for Managers *Credits: 3*

Total Credit Hours: 39

Credit Hours from Associate Degree: 60

Total Credit Hours: 120

Business and Organizational Management - Logistics and Supply Chain Management, B.A.S.

CIP: 52.0299
FL CIP: 1105202991

The Bachelor of Applied Science (B.A.S.) in Business and Organizational Management is a pathway to becoming an effective leader in a wide range of industries. This program develops a student's management expertise, preparing them for administrative and leadership roles across diverse sectors. With specializations in Accounting, Agribusiness Management, Equine Studies, Management Information Systems, Health Care Management, Human Resources Management, Public Safety Administration and Logistics and Supply Chain Management, the B.A.S. program allows students to tailor their personalized career path. With this degree, students will gain strategic skills and specialized knowledge to drive success in a variety of business settings.

Students accepted for these programs must have completed either an Associate in Arts, Associate in Science or Associate in Applied Science degree in an appropriate field, and have a minimum GPA of 2.0. A minimum of 60 credits from the student's associate degree will count toward completion of the program. Additional General Education and/or technical specialization courses may be required. Students should work closely with their advisor to ensure that all program requirements are met.

A grade of C or better is required in all technical, program core and program specialization courses, and all courses used to satisfy the Gordon Rule requirement. Students transferring into baccalaureate programs with an A.A. degree or higher do not need to meet our General Education requirements with the exception of college level English and Gordon Rule math. These students must have successfully completed, with a grade of C or better, at least one college level English and one Gordon Rule math course. General Education courses must total 36 credits. The A.A. or higher degree must be from an accredited institution but can be public, private and/or out of state. Additional coursework may be required for students transferring into B.A.S. programs with an A.S. or A.A.S. degree.

B106: Bachelor of Applied Science in Business and Organizational Management - Logistics and Supply Chain Management Specialization

The Logistics and Supply Chain Management Specialization under the Bachelor of Applied Science in Business and Organizational Management degree focuses on the vital skills students need to excel across diverse environments, from procurement and warehouse management to distribution networks and the broader supply chain workforce. Students learn the strategic administration of logistics and supply chains and their organizational impact. The program covers how to leverage management principles for effective operations, sound financial management, and strategic budgeting within this growing industry. This program is designed for students with an associate degree in business, engineering, logistics, or other related fields.

Graduates are well-prepared for a wide array of administrative and leadership roles across diverse supply chain settings, enabling advancement within these organizations. This degree provides a versatile foundation for future career growth in logistics and supply chain management.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

Requirements

Required Technical Specialization Courses

College-level coursework used to satisfy this requirement may have the following prefixes: ACG, BUL, BUS, CGS, CTS, ECO, EET, EGN, EGS, ENT, ETD, ETI, ETM, GEB, GIS, HIM, HSA, HSC, MAN, MAR, MGT, MNA, OST, SBM or TRA, in addition to the select courses listed below. Actual coursework required will vary based on the student's associate level coursework. Students will work with their advisor to choose the necessary coursework for their program. A total of 21 credit hours is required.

Total Credit Hours: 21

Core and Specialization

Program Core Courses

- MAN3303 - Management and Leadership *Credits: 3*
- COM3120 - Organizational Communications *Credits: 3*
- ACG3024 - Financial Statement Analysis for Managers *Credits: 3*
- BUL3130 - The Legal and Ethical Environment of Business *Credits: 3*
- MAN4940 - Internship in Business and Organizational Management *Credits: 3*
- MAN4900 - Capstone in Organizational Management *Credits: 3*

Program Specialization Courses

- TRA4202 - Logistics Systems Management *Credits: 3*
- TRA4721 - International Logistics and Transportation *Credits: 3*
- TRA4155 - Supply Chain Management *Credits: 3*
- TRA4234 - Warehouse Management *Credits: 3*

Elective

Choose 9 credits from the following:

- ENT4003 - Principles of Entrepreneurship *Credits: 3*
- GEB4891 - Strategic Management and Decision Making *Credits: 3*
- ISM3011 - Introduction to Information Systems Management *Credits: 3*
- ISM3421 - AI Fundamentals for Business *Credits: 3*
- ISM4314 - IT Project Management *Credits: 3*
- MAN3240 - Applied Organizational Behavior *Credits: 3*
- MAN3600 - International Business *Credits: 3*
- MAN3860 - Nonprofit Organizational Management *Credits: 3*
- MAN4162 - Customer Relations for Managers *Credits: 3*
- MAN4301 - Human Resource Management *Credits: 3*
- MAR3700 - Digital Marketing *Credits: 3*
- MAR3802 - Marketing for Managers *Credits: 3*

Total Credit Hours: 39

Credit Hours from Associate Degree: 60

Total Credit Hours: 120

Business and Organizational Management - Management Information Systems Specialization, B.A.S.

CIP: 52.0299
FL CIP: 1105202991

The Bachelor of Applied Science (B.A.S.) in Business and Organizational Management is a pathway to becoming an effective leader in a wide range of industries. This program develops a student's management expertise, preparing them for administrative and leadership roles across diverse sectors. With specializations in Accounting, Agribusiness Management, Equine Studies, Management Information Systems, Health Care Management, Human Resources Management, Public Safety Administration and Logistics and Supply Chain Management, the B.A.S. program allows students to tailor their personalized career path. With this degree, students will gain strategic skills and specialized knowledge to drive success in a variety of business settings.

Students accepted for these programs must have completed either an Associate in Arts, Associate in Science or Associate in Applied Science degree in an appropriate field, and have a minimum GPA of 2.0. A minimum of 60 credits from the student's associate degree will count toward completion of the program. Additional General Education and/or technical specialization courses may be required. Students should work closely with their advisor to ensure that all program requirements are met.

A grade of C or better is required in all technical, program core and program specialization courses, and all courses used to satisfy the Gordon Rule requirement. Students transferring into baccalaureate programs with an A.A. degree or higher do not need to meet our General Education requirements with the exception of college level English and Gordon Rule math. These students must have successfully completed, with a grade of C or better, at least one college level English and one Gordon Rule math course. General Education courses must total 36 credits. The A.A. or higher degree must be from an accredited institution but can be public, private and/or out of state. Additional coursework may be required for

students transferring into B.A.S. programs with an A.S. or A.A.S. degree.

B103: Bachelor of Applied Science in Business and Organizational Management - Management Information Systems Specialization

The Management Information Systems Specialization under the Bachelor of Applied Science in Business and Organizational Management degree focuses on the strategic business side of information systems. Students will learn how to leverage technology for decision support, effective information management, and global strategies. This program is designed for students with an associate degree in computer information technology, computer programming, or other related fields.

Graduates are well-prepared for a wide array of administrative and leadership roles across diverse business settings where understanding and utilizing technology for business advantage is crucial. This degree provides a versatile foundation for your future career growth in the dynamic intersection of information technology and business leadership.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

Requirements

Required Technical Specialization Courses

Courses in this section will be comprised of Required Technical Specialization courses and/or General Education courses needed to fulfill the requirements of the program. Actual coursework required will vary based on the student's associate-level coursework. Students will work with their advisor to choose the necessary coursework for their program.

In addition to the courses listed below, choose an additional 12 credits from lower division college-level coursework with the following prefixes: ACG, BUL, BUS, CET, CGS, CIS, CTS, COP, ECO, ENT, ETI, ETS, GEB, GIS LOG, MAN, MAR, MGT, MNA, OST, SBM, or TRA. A total of 21 credits is required.

- CGS1100 - Microcomputer Applications *Credits: 3*
- CET1278 - A+ Fundamentals *Credits: 3*
- CET2180 - Practical PC Technician *Credits: 3*

Total Credit Hours: 21

Core and Specialization

Program Core Courses

- MAN3303 - Management and Leadership *Credits: 3*
- COM3120 - Organizational Communications *Credits: 3*
- ACG3024 - Financial Statement Analysis for Managers *Credits: 3*
- BUL3130 - The Legal and Ethical Environment of Business *Credits: 3*
- MAN4940 - Internship in Business and Organizational Management *Credits: 3*
- MAN4900 - Capstone in Organizational Management *Credits: 3*

Program Specialization Courses

- ISM3011 - Introduction to Information Systems Management *Credits: 3*
- ISM3113 - Applied Systems Analysis *Credits: 3*
- ISM4212 - Database Management Systems *Credits: 3*
- ISM4314 - IT Project Management *Credits: 3*
- CNT3104 - Computer Networks for Business Users *Credits: 3*

Elective

Choose 6 credits from the following:

- COP3375 - Advanced Programming Concepts *Credits: 3*
- ENT4003 - Principles of Entrepreneurship *Credits: 3*
- GEB4891 - Strategic Management and Decision Making *Credits: 3*
- ISM3321 - Cyber Security Fundamentals *Credits: 3*
- ISM3421 - AI Fundamentals for Business *Credits: 3*
- MAN3240 - Applied Organizational Behavior *Credits: 3*
- MAN3600 - International Business *Credits: 3*
- MAN3860 - Nonprofit Organizational Management *Credits: 3*
- MAN4162 - Customer Relations for Managers *Credits: 3*
- MAN4301 - Human Resource Management *Credits: 3*
- MAR3700 - Digital Marketing *Credits: 3*
- MAR3802 - Marketing for Managers *Credits: 3*

Total Credit Hours: 39

Credit Hours from Associate Degree: 60

Total Credit Hours: 120

Business and Organizational Management - Public Safety Administration Specialization, B.A.S.

CIP: 52.0299
FL CIP: 1105202991

The Bachelor of Applied Science (B.A.S.) in Business and Organizational Management is a pathway to becoming an effective leader in a wide range of industries. This program develops a student's management expertise, preparing them for administrative and leadership roles across diverse sectors. With specializations in Accounting, Agribusiness Management, Equine Studies,

Management Information Systems, Health Care Management, Human Resources Management, Public Safety Administration and Logistics and Supply Chain Management, the B.A.S. program allows students to tailor their personalized career path. With this degree, students will gain strategic skills and specialized knowledge to drive success in a variety of business settings.

Students accepted for these programs must have completed either an Associate in Arts, Associate in Science or Associate in Applied Science degree in an appropriate field, and have a minimum GPA of 2.0. A minimum of 60 credits from the student's associate degree will count toward completion of the program. Additional General Education and/or technical specialization courses may be required. Students should work closely with their advisor to ensure that all program requirements are met.

A grade of C or better is required in all technical, program core and program specialization courses, and all courses used to satisfy the Gordon Rule requirement. Students transferring into baccalaureate programs with an A.A. degree or higher do not need to meet our General Education requirements with the exception of college level English and Gordon Rule math. These students must have successfully completed, with a grade of C or better, at least one college level English and one Gordon Rule math course. General Education courses must total 36 credits. The A.A. or higher degree must be from an accredited institution but can be public, private and/or out of state. Additional coursework may be required for students transferring into B.A.S. programs with an A.S. or A.A.S. degree.

B105: Bachelor of Applied Science in Business and Organizational Management - Public Safety Administration Specialization

The Public Safety Administration Specialization under the Bachelor of Applied Science in Business and Organizational Management degree focuses on the vital skills students need to excel across diverse public safety environments, from law enforcement and fire services to corrections, security, and emergency medical services. Students learn the strategic administration of public safety organizations, learning how to leverage management principles for effective operations, sound financial management, and strategic budgeting within these vital sectors. This program is designed for students with an associate degree in a public safety program such as criminal justice, fire science, emergency management, or emergency medical services.

Graduates are well-prepared for a wide array of administrative and leadership roles across diverse public safety settings, enabling advancement within these organizations. This degree provides a versatile foundation for future career growth in public safety.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

Requirements

Required Technical Specialization Courses

Courses in this section will be comprised of those General Education or area-related Technical Specialization courses needed to fulfill the requirements of the program. These courses will vary based on the student's associate-level coursework. Students will work with their advisor to choose the necessary coursework for their program. The Public Safety Administration Specialization requires students to take 21 credits of technical courses. The technical course options include courses with the following prefixes: ACG, BUL, BUS, CET, CCJ, CGS, CIS, CJC, CJE, CJJ, CJL, COP, DSC, ECO, ENT, EMS, FES, FFP, GEB, GIS, LOG, MAN, MAR, MGT, MNA, OST, SBM, PLA or TRA.

Total Credit Hours: 21

Core and Specialization

Program Core Courses

- MAN3303 - Management and Leadership *Credits: 3*
- COM3120 - Organizational Communications *Credits: 3*
- ACG3024 - Financial Statement Analysis for Managers *Credits: 3*
- BUL3130 - The Legal and Ethical Environment of Business *Credits: 3*
- MAN4940 - Internship in Business and Organizational Management *Credits: 3*
- MAN4900 - Capstone in Organizational Management *Credits: 3*

Program Specialization Courses

- DSC3079 - Foundations of Public Safety *Credits: 3*
- DSC3215 - Emergency Planning *Credits: 3*
- DSC4226 - National Incident Management *Credits: 3*
- DSC4755 - National Security: Threats, Challenges and Solutions *Credits: 3*

Elective

Choose 9 credits from the following:

- CJL3510 - Prosecution and Adjudication *Credits: 3*
- DSC4013 - Capstone Thesis Project in Public Safety *Credits: 6*
- DSC4931 - Selected Topics in Public Safety *Credits: 3*
- ENT4003 - Principles of Entrepreneurship *Credits: 3*
- GEB4891 - Strategic Management and Decision Making *Credits: 3*
- ISM3011 - Introduction to Information Systems Management *Credits: 3*
- ISM3421 - AI Fundamentals for Business *Credits: 3*
- MAN3240 - Applied Organizational Behavior *Credits: 3*
- MAN3600 - International Business *Credits: 3*
- MAN3860 - Nonprofit Organizational Management *Credits: 3*

- MAN4162 - Customer Relations for Managers *Credits: 3*
- MAN4301 - Human Resource Management *Credits: 3*
- MAR3700 - Digital Marketing *Credits: 3*
- MAR3802 - Marketing for Managers *Credits: 3*

Total Credit Hours: 39

Credit Hours from Associate Degree: 60

Total Credit Hours: 120

Bachelor of Science

Early Childhood Education, B.S.

B201: Bachelor of Science in Early Childhood Education
CIP: 13.1210
FL CIP: 1101312101

The Bachelor of Science in Early Childhood Education program offered through the Teacher Education department focuses on the development of children from age 3 through third grade, with emphasis on social, emotional, cognitive and linguistic components of child development. It is designed for associate degree graduates to build on skills for early childhood education positions requiring a bachelor's degree. CF B.S. graduates will be eligible to apply for teacher certification in prek-primary education and endorsements in reading (K-12), English for Speakers of Other Languages (ESOL, K-12)* and prekindergarten disabilities.

This is a limited access program. Please consult CF.edu/LimitedAccess for information on limited access programs.

Students accepted for this program must have completed either an Associate in Arts, Associate in Science or Associate in Applied Science degree in an appropriate field, a GPA of 2.5 or higher and show successful completion of EDF2005 - Introduction to the Teaching Profession, EEC 2200 Curriculum in Childhood Education and either AMH 2010 United States History to 1877, AMH2020 - United States History Since 1877 or POS2041 - American National Government. A minimum of 60 credits from the student's associate degree will count toward completion of the program. Additional General Education and/or Technical Specialization courses may be required.

A grade of C or better is required in all technical, program core and program specialization courses, and all courses used to satisfy the Gordon Rule requirement. Students transferring into baccalaureate programs with an A.A. degree or higher do not need to meet our General Education requirements with the exception of college level English and Gordon Rule math. These students must have successfully completed, with a grade of C or better, at least one college level English and one Gordon Rule math course. General Education courses must total 36 credits. The A.A. or higher degree must be from an accredited institution but can be public, private and/or out of state.

Successful completion of courses with assigned observation or field placement components includes, but is not necessarily limited to, completion of all paperwork, meeting timelines, and professional responsibilities associated with field/clinical experiences. Students will be required to obtain and pass an FDLE Level II background screening, and any other site-based requirements, prior to beginning field experience. Any student who does not pass required background screenings may choose to withdraw from the course and forfeit all fees.

*The ESOL endorsement is partially infused and requires two stand-alone courses: LIN2740 - Applied Linguistics and TSL 2522 ESOL Foundations: Language and Culture; which are program requirements. The reading and prekindergarten disabilities endorsements are infused into the 36 credits.

Graduation requirements for this program are a GPA of 2.5, passing of all professional courses with a grade of C or better and passing scores on the Florida Teacher Certification Examinations (General Knowledge, Professional Education, and Prek-Primary Education).

Questions should be directed to the advisor for teacher education or the Associate Vice President for Career and Professional Programs.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

Requirements

Program Core Courses

- LAE4416 - Children's Literature for Educators *Credits: 3*
- EEC4301 - Cognitive Experiences for Young Children *Credits: 3*
- EEX4201 - Young Children with Special Needs *Credits: 3*
- EEC4219 - Integrated Math and Science for Young Children *Credits: 3*
- EEC3400 - Family Literacy and Young Children *Credits: 3*
- EEC4624 - Creative and Effective Experiences for Young Children *Credits: 3*
- EEX4231 - Assessing the Progress of Young Children with Special Needs *Credits: 3*
- EDP4503 - Assessment, Evaluation and Diagnosis of the Young Child *Credits: 3*
- EEC4404 - Relations Across Family, School and Community *Credits: 3*
- EDG4410 - Classroom Management and Child Guidance *Credits: 3*
- EEC4940 - Internship in Early Childhood *Credits: 6*

Total Credit Hours: 36

Prerequisite and Technical Courses

State Required Prerequisite Course

- EDF2005 - Introduction to the Teaching Profession *Credits: 3*
- EEC2200 - Curriculum in Childhood Education *Credits: 3*

Required Technical Courses

- TSL2522 - ESOL Foundations: Language and Culture *Credits: 3*
- EME2040 - Introduction to Technology for Educators *Credits: 3*
- EEC1000 - Introduction to Child Development and Education *Credits: 3*
- CHD1440C - Child Care Practicum I *Credits: 3*
- EEC1907 - Observing and Recording Behavior *Credits: 3*
- EEC2001 - Introduction to Administration in Early Childhood Education *Credits: 3*
- EEC2200 - Curriculum in Childhood Education *Credits: 3*
- CHD1441C - Child Care Practicum II *Credits: 3*
- EEC2930 - Seminar in Childhood Education *Credits: 3*
- LIN2740 - Applied Linguistics *Credits: 3*
- EEC3012 - Introduction to Advanced Studies in Early Childhood Education *Credits: 3*

Total Credit Hours: 36

Total Credit Hours: 123

Note: Total Program Hours also includes 60 credit hours of course work completed at the associate degree level.

LIN2740 - Applied Linguistics is needed for ESOL endorsement. This course adds an additional three credits to the total program hours for a total of 123 credit hours.

General Education/Technical Specialization Courses

General Education and Technical Specialization courses will be comprised of those General Education or area-related Technical Specialization courses needed to fulfill the requirements of the program. These courses will vary based on the student's associate-level coursework. Students will work with their advisor to choose the necessary coursework for their program.

Bachelor of Science in Nursing

Registered Nurse to Bachelor of Science in Nursing

B205: Registered Nurse to Bachelor of Science in Nursing
CIP: 51.3801 (track 2 of 2)
FL CIP: 1105138012

This is a **limited access program**. Please consult CF.edu/LimitedAccess for information on limited access programs.

The Registered Nurse to Bachelor of Science in Nursing program is an articulated, generalist nursing degree, which allows associate degree registered nurses to advance their education to meet the demand in the community for BSN prepared nurses, and support job promotions and entry into graduate nursing programs. Nurses will prepare for advanced clinical positions and for nursing faculty positions, meeting additional needs for nurses in primary care and as nursing program faculty educating new nurses.

The College of Central Florida is accredited by the Southern Association of Colleges and Schools Commission on Colleges, SACSCOC. The College of Central Florida's RN-BSN program is accredited by the Accreditation Commission for Education in Nursing, ACEN, 3390 Peachtree Road NE, Suite 1400, Atlanta, GA 30326, 404-975-5000.

Full- and part-time options are available. A Florida RN unencumbered license must be attained prior to second semester of upper division nursing courses. Application directions are explained in the required online information session. Go to CF.edu/Health.

The Bachelor of Science in Nursing is a **limited access program**. A limited access program is one in which both program admission and course registration are restricted to a certain number of students meeting predetermined criteria. Limited access status is justified when student demand exceeds available resources or accreditation requirements (i.e., student/faculty ratios, instructional facilities and equipment, clinical sites) or the nature of the program calls for specific admission requirements. Limited access programs have admissions processes and criteria beyond general college admissions. While any student meeting the minimum criteria is encouraged to apply, not all applicants may be accepted.

This program is eligible for federal and state financial aid. Contact the Financial Aid Office for further information about your individual eligibility.

Criteria for Application

- Be admitted to CF in good standing.
- 2.0 college GPA.
- 2.5 GPA or higher in general education and lower division courses specific to the nursing programs as well as the courses with the NUR prefix.
- All general education and lower division course requirements must be completed, or currently enrolled in,

to have conditional acceptance. Applications can be submitted during the application period if currently enrolled in general education or lower division courses, but all must be completed with a grade of "C" or higher in order to have final acceptance to the program.

- Submit RN to BSN program application with a copy of an active unencumbered Florida RN license. Recent ADN graduates must attain an active, unencumbered Florida RN license prior to second semester of upper division nursing courses.
- CF service area: Marion, Citrus and Levy County applicants will have priority seating.
- A criminal background check and physical examination are required once a student is accepted into the program.

Requirements

Program Core Courses

- NUR3825 - Transitions and Role Development in Nursing *Credits: 3*
- NUR3846 - Nursing Theory and Philosophy *Credits: 3*
- NUR3066C - Advanced Nursing and Health Assessment with Lab *Credits: 5*
- NUR4667 - Global Health Care Issues and Trends in Professional Nursing *Credits: 4*
- NUR4827 - Nursing Leadership and Management *Credits: 4*
- NUR4837 - Health Care Policies and Economics *Credits: 3*
- NUR4776 - Informatics and Evidence Based Clinical Judgment *Credits: 4*
- NUR4165 - Introduction to Research in Nursing *Credits: 4*
- NUR4636C - Community Nursing with Lab *Credits: 5*
- NUR4950 - Baccalaureate Capstone Course *Credits: 4*

Total Credit Hours: 39

General Education Courses

- ENC1101 - Freshman Composition Skills I *Credits: 3* **
- MAC1105 - College Algebra *Credits: 3* **

  OR
- MGF1130 - Thinking Mathematically *Credits: 3* **
- STA2023 - Elementary Statistics *Credits: 3* **
- BSC2085 - Human Anatomy and Physiology I *Credits: 3*
- BSC2085L - Human Anatomy and Physiology I Lab *Credits: 1*
- BSC2086 - Human Anatomy and Physiology II *Credits: 3*
- BSC2086L - Human Anatomy and Physiology II Lab *Credits: 1*
- PSY2012 - General Psychology *Credits: 3*
- HUN1201 - Human Nutrition *Credits: 3*
- MCB2010 - Microbiology *Credits: 3*
- MCB2010L - Microbiology Lab *Credits: 1*
- DEP2004 - Human Growth and Development *Credits: 3* **
- ENC1102 - Freshman Composition Skills II *Credits: 3* **

One of the following:

- ARH1000 - Art Appreciation *Credits: 3*
- HUM1020 - Introduction to the Humanities *Credits: 3*
- LIT1000 - Introduction to Literature *Credits: 3*
- MUL1010 - Music Appreciation *Credits: 3*
- PHI2010 - Introduction to Philosophy *Credits: 3*
- THE1000 - Theatre Appreciation *Credits: 3*

Total Credit Hours: 36

Prerequisite and Technical Courses

Program Prerequisite Courses

- CHM1032 - Chemistry for the Health-Related Fields *Credits: 3* Or any higher level Chemistry course
- AMH2010 - United States History to 1877 *Credits: 3*

  OR
- AMH2020 - United States History Since 1877 *Credits: 3*

  OR
- POS2041 - American National Government *Credits: 3*

Foreign Language Competency

To graduate with a baccalaureate degree from the state of Florida, students must demonstrate competency in a foreign language (American Sign Language (ASL) counts toward this requirement). Proof of competency must be provided in the form of official transcripts or test scores.

To fulfill the foreign language competency, students must provide proof of successfully passing two years of the same foreign language (including American Sign Language) from high school or two semesters of the same foreign language (including American Sign Language) at the college/university level. Students are welcome to take the College-Level Examination Program (CLEP) to place out of one or more semesters of a foreign language.

Total Credit Hours: 45

Required Technical Courses

Choose 39 credits from the following:

The total number of credit hours may be higher if the student must take foreign language courses.

- NUR1021C - Foundations in Nursing *Credits: 3*
- NUR1052C - Clinical Concepts I *Credits: 5*
- NUR1142 - Introduction to Pharmacology *Credits: 4*
- NUR1241C - Clinical Concepts II *Credits: 7*
- NUR1520C - Behavioral Concepts in Nursing *Credits: 2*
- NUR2010 - Professional Issues in Nursing *Credits: 2*
- NUR2243C - Clinical Concepts III *Credits: 4*
- NUR2244C - Clinical Concepts IV *Credits: 7*
- NUR2440C - Developmental Concepts in Nursing *Credits: 3*
- NUR2811C - Capstone Clinical *Credits: 2*

Total Credit Hours: 120

- General education and prerequisite courses must be completed before beginning the program core courses.
- Required technical course credits will be awarded upon completion of program core courses representing completion of ADN nursing program.

Advanced Technical Certificate

Accounting Management, A.T.C.

C608: Advanced Technical Certificate in Accounting Management (15 Credit Hours)
CIP: 52.0305
FL CIP: 0552030266

The Advanced Technical Certificate in Accounting Management is a focused program designed for associate or bachelor's degree holders seeking to advance their accounting careers. This certificate provides intensive study in analyzing financial statements from a management perspective, covering key areas like auditing, cost accounting, federal income tax, and accounting information systems (AIS). Through a sequence of five specialized courses, students will gain the essential skills and knowledge to excel in accounting management roles.

This program is upward compatible with a related Bachelor of Applied Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- ACG3024 - Financial Statement Analysis for Managers *Credits: 3*
- ACG3131 - Intermediate Accounting *Credits: 3*
- ACG4341 - Cost Accounting *Credits: 3*
- ACG4631 - Auditing *Credits: 3*
- TAX4001 - Federal Income Tax *Credits: 3*

Total Credit Hours: 15

Basic Health Care Management, A.T.C

C607: Advanced Technical Certificate in Basic Health Care Management (12 Credit Hours)
CIP: 51.0701
FL CIP: 0351070166

The Advanced Technical Certificate in Basic Health Care Management is a focused program designed for associate or bachelor's degree holders seeking entry-level management roles in healthcare. This certificate provides intensive study to develop the foundational skills and general knowledge necessary to enter management positions within healthcare facilities. Comprised of a sequence of four specialized courses in ethics, health care administration, health care systems and human resource management, students will gain essential expertise for a career in health care management.

This program is upward compatible with a related Bachelor of Applied Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- HSA3111 - Survey of American Health Care Systems *Credits: 3*
- HSC3652 - Health Care Ethics *Credits: 3*
- MAN4301 - Human Resource Management *Credits: 3*
- HSA4110 - Management Foundations for Health Care Administration *Credits: 3*

Total Credit Hours: 12

Basics of Agribusiness, A.T.C.

C602: Advanced Technical Certificate in Basics of Agribusiness (12 Credit Hours)
CIP: 01.0101
FL CIP: 01010101660

The Advanced Technical Certificate in the Basics of Agribusiness is a focused program designed for associate or bachelor's degree holders seeking to work in the agribusiness field. This certificate provides intensive study in how agricultural operations function, with a strong emphasis on safety concepts, rules, and practices as they relate to the broader agribusiness sector. Comprised of a sequence of four specialized courses, students will gain essential expertise for a career in agribusiness.

This program is upward compatible with a related Bachelor of Applied Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- AEB3300 - Agribusiness Marketing and Sales *Credits: 3*
- AEB4223 - Agricultural Policy and Regulations *Credits: 3*
- AOM3073 - Safety in Agriculture *Credits: 3*
- AOM4015 - Agricultural Operations and Systems *Credits: 3*

Total Credit Hours: 12

Compensation and Benefits, A.T.C.

C609: Advanced Technical Certificate in Compensation and Benefits (15 Credit Hours)
CIP: 52.1001
FL CIP: 0552020169

The Advanced Technical Certificate in Compensation and Benefits is a focused program designed for associate or bachelor's degree holders looking to advance their careers in human resources. This

certificate provides intensive study in human resource management, with a strong emphasis on recruitment, selection, and compensation. Students will also gain a crucial understanding of employment laws and regulations that impact HR practices. Comprised of a sequence of five specialized courses, this program equips students with essential expertise for the field of human resources.

This program is upward compatible with a related Bachelor of Applied Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- BUL3130 - The Legal and Ethical Environment of Business *Credits: 3*
- MAN4301 - Human Resource Management *Credits: 3*
- MAN4320 - Human Resource Recruitment and Selection *Credits: 3*
- MAN4330 - Compensation Management *Credits: 3*
- MAN4402 - Employment Law and Regulations *Credits: 3*

Total Credit Hours: 15

Data Security, A.T.C.

C603: Advanced Technical Certificate in Data Security (15 Credit Hours)
CIP: 11.1003
FL CIP: 0511100367

The Advanced Technical Certificate in Data Security is a focused program designed for associate or bachelor's degree holders who want to work in the data security field. This certificate provides intensive study to develop knowledge of applied systems analysis, database management, computer networks and IT project management. Comprised of a sequence of four specialized courses, this program will equip students with the fundamentals of data security.

This program is upward compatible with a related Bachelor of Applied Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- ISM3011 - Introduction to Information Systems Management *Credits: 3*
- ISM3113 - Applied Systems Analysis *Credits: 3*
- ISM4212 - Database Management Systems *Credits: 3*
- CNT3104 - Computer Networks for Business Users *Credits: 3*
- ISM4314 - IT Project Management *Credits: 3*

Total Credit Hours: 15

Emergency Management, A.T.C

C605: Advanced Technical Certificate in Emergency Management (12 Credit Hours)
CIP: 43.0302
FL CIP: 0743030267

The Advanced Technical Certificate in Emergency Management is a focused program designed for associate or bachelor's degree holders looking to work in the public safety field. This certificate provides intensive study in the foundations of public safety and emergency planning, with a strong focus on national incident management and the threats, challenges, and solutions facing local and regional governments. Comprised of a sequence of four specialized courses, this program equips students with essential expertise in emergency management.

This program is upward compatible with a related Bachelor of Applied Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- DSC3079 - Foundations of Public Safety *Credits: 3*
- DSC3215 - Emergency Planning *Credits: 3*
- DSC4226 - National Incident Management *Credits: 3*
- DSC4755 - National Security: Threats, Challenges and Solutions *Credits: 3*

Total Credit Hours: 12

Equine Industry Management, A.T.C.

C604: Advanced Technical Certificate in Equine Industry Management (12 Credit Hours)
CIP: 01.0507
FL CIP: 0351070166

The Advanced Technical Certificate in Equine Industry Management is a focused program designed for associate or bachelor's degree holders looking to work in the equine field from a business perspective. This certificate provides intensive study in core areas like equine nutrition, equine learning, and an integrated approach to equine wellness. Students will also learn key business strategies, including how to improve profitability, minimize risk, and explore distribution channels specific to the horse industry. Comprised of a sequence of four specialized courses, this program equips students with essential expertise for students interested in equine businesses.

This program is upward compatible with a related Bachelor of Applied Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- ANS3210 - Equitation Science *Credits: 3*
- ANS3215 - Integrated Horse Management *Credits: 3*
- ANS4218 - Equine Learning Theory *Credits: 3*
- ANS3950 - Equine Practicum *Credits: 3*

Total Credit Hours: 12

Logistics and Supply Chain Management, A.T.C.

C601: Advanced Technical Certificate in Logistics and Supply Chain Management (12 Credit Hours)
CIP: 52.0209
FL CIP: 0652020966
SOC: 13-1080

The Advanced Technical Certificate in Logistics and Supply Chain Management is a focused program designed for associate or bachelor's degree holders. This certificate provides intensive study in the organization, movement, and storage of materials. Comprised of a sequence of four specialized courses, this program equips students with essential expertise in logistics and supply chain management.

This program is upward compatible with a related Bachelor of Applied Science degree. Contact the Financial Aid Office for clarification of financial aid eligibility.

Requirements

Program Courses

- TRA4202 - Logistics Systems Management *Credits: 3*
- TRA4721 - International Logistics and Transportation *Credits: 3*
- TRA4234 - Warehouse Management *Credits: 3*
- TRA4155 - Supply Chain Management *Credits: 3*

Total Credit Hours: 12

Cooperative Education Program

Cooperative Education is a planned academic program designed to provide degree-seeking students on-the-job experience related to their field of study and career objective. Students may seek placements in business, industrial, governmental and educational organizations. Students should seek a placement in their chosen field, and approval will be determined by the faculty facilitator in that department.

The Cooperative Education coordinator reserves the right to accept or refuse students for co-op placement. A student who is receiving vocational rehabilitation funding must provide his or her medical limitations and work release statements.

To participate in cooperative education, students must:

- Have completed 12 hours of college credit and the necessary prerequisites for a specific program of study or area of interest.
- Have a minimum 2.0 grade point average overall and be in good academic standing.
- Register for the appropriate co-op course with the educational advisors in the Advising Center located in the Bryant Student Union, Room 201. Note: Only an educational advisor can register you for co-op. You cannot register for co-op online. Call 352-854-2322, ext. 1489, to set up an appointment.
- Obtain the required instructional briefing and appropriate paperwork about co-op from the Cooperative Education coordinator (Anna Williams, williaman@cf.edu.)
- Obtain a co-op opportunity with a local employer and complete the requirements for your co-op program.
- Meet with the faculty facilitator for your co-op program and obtain his or her approval for your co-op work opportunity.

For B.A.S. internship information and placement assistance, contact Bonnie Hays, haysb@cf.edu.

Cooperative Education Program Courses

(Course Prefix Determined by Area of Study)

- 1949 Work Experience I (1-6).

Available to all disciplines except Nursing and EMT.

Prerequisites: Completion of 12 semester hours of course work, a minimum grade point average of 2.0, satisfaction of employer work requirements, and approval of the faculty facilitator office.

First work experience (or voluntary internship activity) in the Cooperative Education Program, in a paid or unpaid learning activity directly related to the academic program of study or area of interest and career objective. Grade determined by faculty facilitator. May be offered for variable credit.

- 2949 Work Experience II (1-6).

Available to all disciplines except Nursing and EMT.

Prerequisites: Successful completion of 1949, a minimum grade point average of 2.0, satisfaction of employer work requirements, and approval of the faculty facilitator office.

A second work experience (or voluntary internship activity) as a continuation of Work Experience I, or a change in learning assignment with approval of the faculty facilitator. May be offered for variable credit. The State of Florida Articulation Agreement specifies that no more than 7 semester hours of co-op credit may be applied toward the Associate in Arts degree.

Course Descriptions

Courses in this catalog are listed in alpha-numeric order. Following is a list of the courses usually offered. The college reserves the right to determine minimum enrollments in all courses. The term “credit” as used in references to courses is equal to one semester hour. Further, it means credit toward a degree from CF and not necessarily credit transferable to another institution.

Course Classification

All credit courses offered by CF are designated in one of the following classifications:

Gordon Rule classes are noted within the course description. Throughout the catalog, Gordon Rule classes are marked with a double asterisk (**).

Developmental Education courses do not count toward either an A.A. or an A.S. degree and receive institutional credit only. They may be used in calculating full-time status for athletic team participation, financial aid and veterans benefits.

Occupational (Career) courses may not count toward the A.A. degree. They count in full toward the appropriate A.S. degree.

Parallel courses count toward the A.A. degree and should transfer readily to any college or university.

Dual courses count toward the A.A. degree as part of the 60 hours **only** if they are appropriate for the student's program of study or area of interest. Students should consult with a counselor prior to enrolling in a designated dual course.

CTC courses only apply to Career and Technical Certificate programs and do not count toward either an A.A. or A.S. degree.

Baccalaureate level courses are 3000 and 4000 level courses open only to students in specific baccalaureate degree programs. They count in full toward designated baccalaureate degrees.

Students are cautioned against taking excessive electives or courses out of their major field of study at the expense of required prerequisites.

Florida's Statewide Course Numbering System

Courses in this catalog are identified by prefixes and numbers that were assigned by Florida's Statewide Course Numbering System, SCNS. This numbering system is used by all public postsecondary institutions in Florida and by participating nonpublic institutions. The major purpose of this system is to facilitate the transfer of courses between participating institutions. Students and administrators can use the online Statewide Course Numbering System to obtain course descriptions and specific information about course transfer between participating Florida institutions. This information is at the SCNS website at http://scns.fldoe.org.

Each participating institution controls the title, credit and content of its own courses and recommends the first digit of the course number to indicate the level at which students normally take the course. Course prefixes and the last three digits of the course numbers are assigned by members of faculty discipline committees appointed for that purpose by the Florida Department of Education in Tallahassee. Individuals nominated to serve on these committees are selected to maintain a representative balance as to type of institution and discipline field or specialization.

The course prefix and each digit in the course number have a meaning in the SCNS. The list of prefixes and associated courses is referred to as the "SCNS taxonomy." Descriptions of the content of courses are referred to as "statewide course profiles."

Example of Course Identifier

Prefix	(First Digit)	(Second Digit)	(Third Digit)	(Fourth Digit)	Lab Code
ENC	**1**	**1**	**0**	**1**	
English Composition	(Freshman) level at this institution	Freshman Composition	Freshman Composition Skills	Freshman Composition Skills I	No laboratory component in this course

General Rule for Course Equivalencies

Equivalent courses at different institutions are identified by the same prefixes and same last three digits of the course number and are guaranteed to be transferable between participating institutions that offer the course, with a few exceptions, as listed below in Exceptions to the General Rule for Equivalency.

For example, a freshman composition skills course is offered by 84 different public and nonpublic postsecondary institutions. Each institution uses "ENC_101" to identify its freshman composition skills course. The level code is the first digit and represents the year in which students normally take the course at a specific institution. In the SCNS taxonomy, "ENC" means "English Composition," the century digit "1" represents "Freshman Composition," the decade digit "0" represents "Freshman Composition Skills," and the unit digit "1" represents "Freshman Composition Skills I."

In the sciences and certain other areas, a "C" or "L" after the course number is known as a lab indicator. The "C" represents a combined lecture and laboratory course that meets in the same place at the same time. The "L" represents a laboratory course or the laboratory part of a course that has the same prefix and course number but meets at a different time or place.

Transfer of any successfully completed course from one participating institution to another is guaranteed in cases where the course to be transferred is equivalent to one offered by the receiving institution. Equivalencies are established by the same prefix and last three digits and comparable faculty credentials at both institutions. For example, ENC 1101 is offered at a community college. The same course is offered at a state university as ENC 2101. A student who has successfully completed ENC 1101 at a Florida College System institution is guaranteed to receive transfer credit for ENC 2101 at the state university if the student transfers. The student cannot be required to take ENC 2101 again since ENC 1101 is equivalent to ENC 2101. Transfer credit must be awarded for successfully completed equivalent courses and used by the receiving institution to determine satisfaction of requirements by transfer students on the same basis as credit awarded to the native students. It is the prerogative of the receiving institution, however, to offer transfer credit for courses successfully completed that have not been designated as equivalent. **NOTE:** Credit generated at institutions on the quarter-term system may not transfer the equivalent number of credits to institutions on the semester-term system. For example, 4.0 quarter hours often transfers as 2.67 semester hours.

The Course Prefix

The course prefix is a three-letter designator for a major division of an academic discipline, subject matter area, or sub-category of knowledge. The prefix is not intended to identify the department in which a course is offered. Rather, the content of a course determines the assigned prefix to identify the course.

Authority for Acceptance of Equivalent Courses

Section 1007.24(7), Florida Statutes, states:

Any student who transfers among postsecondary institutions that are fully accredited by a regional or national accrediting agency recognized by the United States Department of Education and that participate in the statewide course numbering system shall be awarded credit by the receiving institution for courses satisfactorily completed by the student at the previous institutions. Credit shall be awarded if the courses are judged by the appropriate statewide course numbering system faculty committees representing school districts, public postsecondary educational institutions, and participating nonpublic postsecondary educational institutions to be academically equivalent to courses offered at the receiving institution, including equivalency of faculty credentials, regardless of the public or nonpublic control of the previous institution. The Department of Education shall ensure that credits to be accepted by a receiving institution are generated in courses for which the faculty possess credentials that are comparable to those required by the accrediting association of the receiving institution. The award of credit may be limited to courses that are entered in the statewide course numbering system. Credits awarded pursuant to this subsection shall satisfy institutional requirements on the same basis as credits awarded to native students.

Exceptions to the General Rule for Equivalency

Since the initial implementation of the SCNS, specific disciplines or types of courses have been excepted from the guarantee of transfer for equivalent courses. These include courses that must be evaluated individually, or courses in which the student must be evaluated for mastery of skill and technique. The following courses are exceptions to the general rule for course equivalencies and may not transfer. Transferability is at the discretion of the receiving institution.

1. Courses not offered by the receiving institution.
2. For courses at nonregionally accredited institutions, courses offered prior to the established transfer date of the course in question.
3. Courses in the 900-999 series are not automatically transferable and must be evaluated individually. These include such courses as Special Topics, Internships, Apprenticeships, Practica, Study Abroad, Theses and Dissertations.
4. Applied academics for adult education courses.
5. Graduate courses.

6. Internships, apprenticeships, practica, clinical experiences and study abroad courses with numbers other than those ranging from 900-999.
7. Applied courses in the performing arts (art, dance, interior design, music, and theatre) and skills courses in criminal justice (academy certificate courses) are not guaranteed as transferable. These courses need evidence of achievement (i.e., portfolio, audition, interview, etc.).

Courses at Nonregionally Accredited Institutions

The Statewide Course Numbering System makes available on its home page (http://scns.fldoe.org) a report entitled "Courses at Nonregionally Accredited Institutions" that contains a comprehensive listing of all nonpublic institution courses in the SCNS inventory, as well as each course's transfer level and transfer effective date. This report is updated monthly.

Questions about the Statewide Course Numbering System and appeals regarding course credit transfer decisions should be directed to the **College of Central Florida Office for Academic Affairs**, Founders Hall, Room 101, Ocala Campus, or the Florida Department of Education, Office of Articulation, 1401 Turlington Building, Tallahassee, Florida 32399-0400. Special reports and technical information may be requested by calling the Statewide Course Numbering System office at 850-245-0427 or at http://scns.fldoe.org.

Accounting

ACG2021 - Financial Accounting

Credits: 3
Corequisites: CGS 1100
This course approaches accounting as an information or decision support system. Emphasis is placed on the analysis of business transactions and the evaluation of their effect on the operation of the enterprise. The method of instruction emphasizes how to do it, why it is done and what it means.
Terms offered: F, W, S
Classification: Parallel

ACG2021L - Financial Accounting Lab

Credits: 1
Corequisites: ACG 2021
This course introduces the recording of transactions into a computerized accounting system. Students enter transactions into a journal, then post to a ledger and prepare financial statements.
Terms offered: F, W, S
Classification: Dual

ACG2071 - Managerial Accounting

Credits: 3
Prerequisites: ACG 2021 and CGS 1100
This course introduces current managerial accounting concepts, theories and practices applicable to a financial entity. Job order, process cost and activity based cost systems are introduced. Budgeting, profit analysis, product pricing, reporting concerns of decentralized operations and special topics focused on financial statement analysis are topics covered. Ethics issues are discussed throughout the course.
Terms offered: F, W, S
Classification: Parallel

ACG2450 - Integrated Accounting

Credits: 3
Prerequisites: ACG 2021
Corequisites: CGS 1100
This course provides students with basic computer skills specific to a financial accounting environment. Topics include setting up a business entity's accounting system and recording financial transactions. Students will create invoices, create and analyze accounts receivable and payment aging reports as well as develop financial statement reports with the assistance of a software application. Completion of the course qualifies the student to sit for the Quickbooks Certification Exam.
Terms offered: F, W, S
Classification: Occupational

ACO1807 - Payroll Accounting

Credits: 3
Prerequisites: ACG 2021
The law, principles and procedures of payroll accounting in the computerized environment. Topics covered include preparation of payroll records and reports, payroll law and practices, computation of taxes, including social security, federal income tax, state income tax and unemployment taxes, and voluntary withholdings.
Terms offered: F
Classification: Occupational

TAX2000 - Individual Income Tax

Credits: 3
Prerequisites: ACG 2021
This course enables students to recognize and understand the impact of taxation as a major factor for both individual and business planning. Topics covered include sources of federal tax law, the concept of income realization and recognition, timing of income recognition, timing and possibility of income tax deductions, tax accounting methods and reporting periods. A tax software program is utilized.
Terms offered: F
Classification: Occupational

TAX2010 - Corporate Income Tax

Credits: 3
Prerequisites: ACG 2021
This course provides a broad overview of how the Internal Revenue Code taxes corporations and compares it to other forms of doing business (i.e., proprietorships, partnerships, limited liability companies and S corporations). The course will cover the tax aspects of a corporation's life cycle, including a corporation's organization, financing, capital structure, distributions, redemptions and ultimate liquidation.
Terms offered: W
Classification: Occupational

Agribusiness Management

AEB1930 - Agribusiness and Equine Career Readiness

Credits: 3
This course will allow students interactive exposure to employment opportunities in the equine and agribusiness industry. Guest lecturers who represent various jobs in different facets of the industry will share their experience and role. Additionally, students will research required skill sets and work to build their resume and soft skills.
Terms offered: W
Classification: Dual

AEB2102 - Principles of Agribusiness Management

Credits: 3
This course provides an introduction to the principles of economics as applied to agribusiness management. It also provides the student with training in developing job skills, career planning, budgeting, recordkeeping and determining insurance needs as well as personnel.
Terms offered: W
Classification: Dual

AEB2104 - Principles of Agricultural Economics

Credits: 3
Prerequisites: ECO 2013
General economic principles involving the principles and distribution of agricultural products.
Terms offered: F, W, S
Classification: Dual

AEB2192 - Farm Records and Accounts

Credits: 3

Prerequisites: MAC 1105 or MAC 2311 or MGF 1130 or STA 2023 or STA 2023H

Farm records and their use in organizing and operating the farm business. Methods of taking inventories and preparing financial records; analysis of farm records and accounts.

Terms offered: F

Classification: Dual

AGG2001 - Introduction to Food Science

Credits: 3

This introductory course encompasses many aspects of human food. Specific topics include nutritional chemistry, food quality, food preservation, food products, food safety, food labeling and world food needs.

Terms offered: F

Classification: Dual

AGR1234 - Forage Science and Range Management

Credits: 3

Scientific, technological and practical developments in the selection, production and utilization of forage crops, and in the development and management of grazing areas in the Southeastern United States.

Terms offered: F

Classification: Dual

AGR2045 - Tropical and Subtropical Agronomy

Credits: 3

This course examines the principles of tropical and subtropical agronomy with a focus on Florida's unique climate, soils, and cropping systems. Students will explore the production, management, and sustainability of key Florida crops, including citrus, sugarcane, tropical fruits, vegetables, and forages, while addressing soil health, climate adaptation, pest management, and water conservation strategies.

Terms offered: F

Classification: Dual

ANS1003 - Introduction to Animal Science

Credits: 3

This class includes the study of scientific principles that underlie the production, processing and distribution of agricultural animal products. Topics include breeds, nutrition, reproduction and animal husbandry techniques.

Terms offered: F

Classification: Dual

ANS1041 - Livestock Growth, Development and Behavior

Credits: 3

An integration of the physiological, genetic, and nutritional bases of animal growth, development and body composition with application to livestock production. Introduces basic principles and applications of animal behavior, including approaches to improve animal welfare through an understanding of animal behavior. Also includes principles of reproduction in farm animals which includes factors related to the estrous cycle, pregnancy, lactation, semen-production, artificial insemination, pregnancy diagnosis and environmental factors affecting reproduction.

Terms offered: W

Classification: Dual

ANS1400 - Principles of Food Animal Nutrition

Credits: 3

Studies the basic nutrient requirements of food animals, primarily beef cattle, small animal ruminant and poultry at specific stages of growth, production and reproduction. Also focuses on the functions, interrelationships, and processes of efficient utilization, feedstuff composition and their use in diet and ration formulation.

Terms offered: W

Classification: Dual

AOM2316 - Agricultural Machinery and Equipment

Credits: 3

Agricultural Machinery and Equipment addresses facilities and equipment essential to a successful agricultural enterprise. Topics include land preparation, facility layout, storage facilities, animal facilities, agricultural machinery, harvesting technology and safety around equipment.

Terms offered: W

Classification: Parallel

AOM2433 - Introduction to Precision Agriculture

Credits: 3

This course introduces students to the principles and technologies of precision agriculture, including GPS, GIS, UAVs, remote sensing, and variable rate technology (VRT), to enhance farm efficiency and sustainability. Through hands-on experience and real-world applications, students will learn to collect, analyze, and apply data-driven solutions for modern agricultural management.

Terms offered: F

Classification: Dual

AOM2470 - Uncrewed and Autonomous Vehicles in Agriculture

Credits: 3

This course explores the use of uncrewed aerial vehicles (UAVs) and autonomous ground systems in modern agricultural operations. Students will examine the technologies, applications, regulations, and data integration methods that support precision farming and improve production efficiency.

Terms offered: S

Classification: Dual

ORH1000C - Introduction to Horticulture

Credits: 3

An introduction to the disciplines involved in the broad field of horticulture, plant and animal taxonomy, morphology, anatomy and their fundamental processes as they relate to plant growth, pests, production, maintenance and planting. Plant propagation, pest and disease control, and design are also included. This class is offered online and in the classroom.

Terms offered: F

Classification: Dual

ORH1113C - Pest and Disease Control

Credits: 3

Covers the identification, nature and eradication of ornamental plant pests and includes the development of a pest management program involving the proper selection and application of pesticides and herbicides. Provides technical treatment of the

identification, nature and eradication of ornamental plant diseases and disorders; covers disease control management involving the proper selection and application of disease control practices. This course leads to state certification.
Terms offered: F
Classification: Dual

ORH1260 - Greenhouse Operations

Credits: 3
This course is designed to orient students to the art of growing plants in the greenhouse. Greenhouse construction, heating and cooling, propagation of greenhouse plants, watering, shading, indoor disease and pest control, growing media preparation, hanging baskets, totems, use of growth regulators and dish gardens will be covered.
Terms offered: W
Classification: Dual

ORH1301C - Introduction to Irrigation

Credits: 3
An introduction to the history of irrigation and the analysis of the Florida water management governance system. Students will learn how to plan, install and maintain a landscape irrigation system.
Terms offered: W
Classification: Dual

ORH1510 - Ornamental Plant Identification

Credits: 3
A practical course designed to assist those who are not trained botanists but want to know about the landscape plants they see every day. The identification of the more common grasses, flowers, shrubs and trees, along with their cultural requirements and landscape uses, is covered. Recommended for ornamental horticulture majors, nurserymen, nursery salespersons, landscapers and homeowners. This class is offered online and in the classroom.
Terms offered: F, W, S
Classification: Dual

ORH1601C - Nursery Management

Credits: 3
This course covers the regional nursery industry's management, site selection, organization and development of nursery plants by propagation techniques and seed. Other topics include a study of its laws and regulations, financial market, crop marketing, inventory control, and culture as related to crop production. This class is in the classroom and laboratory.
Terms offered: W
Classification: Dual

SWS2000 - Introduction to Soil Science

Credits: 3
This course will address topics in soil and water science, including soil physical characteristics, soil fertility and the influence of nutrients on growth in plants.
Terms offered: F
Classification: Dual

Art

ARH1000 - Art Appreciation

Credits: 3
In this course, students will develop an appreciation of and the ability to think critically about culture and be provided with the tools to understand, analyze, and discuss works of visual art and material culture.
Terms offered: F, W
Classification: Parallel

ARH2050 - The History of Art I (Prehistory to 1500 A.D.)

Credits: 3
Prerequisites: ENC 1101
This course examines the art and architecture of Ancient Civilization through the early Renaissance, especially Western art, through major artists and their contributions to their own society and to Western culture itself.
Terms offered: F
Gordon Rule Applies.
Classification: Parallel

ARH2051 - The History of Art II (1500 A.D. to 20th century)

Credits: 3
Corequisites: ENC 1101
This course examines the art and architecture from the Renaissance to Modern and beyond.
Terms offered: F, W
Gordon Rule Applies.
Classification: Parallel

ARH2930 - Special Topics in Art History

Credits: 3
This course centers on topics of special interest to students and/or instructors. Topics or focus may vary from semester to semester. Topics will be identified by the course title published in schedules for each semester that the course is offered. Special topics credit hours are not automatically transferrable. Transfer credit is the prerogative of the receiving institution.
Terms offered: F, W
This course may be repeated for credit.
Classification: Parallel

ARH2942 - Internship in Museum Methods

Credits: 3
Prerequisites: ENC 1101
This internship introduces students to the aspects of museum management and stewardship of collections. The course utilizes the facilities and staff at College of Central Florida's Appleton Museum of Art and Webber Gallery as learning lab environments to complement course study in theoretical museum studies and practical experience in museum methods. Permission of instructor is required.
Terms offered: F, W, S
Classification: Parallel

ART1201C - Basic Design I

Credits: 3

Study and employment of basic principles of two-dimensional design and color theory as elements used in creative composition in the visual arts. No previous art training required. (6 hours per week)

Terms offered: F, W

Classification: Parallel

ART1300C - Freehand Drawing I

Credits: 3

Freehand Drawing I is an introductory-level course for the student with no prior college-level drawing instruction. This course emphasizes skill building and technique in the use of various drawing media including graphite, ink and conte as students render surface characteristics of materials, still lifes, object studies, landscapes, portraiture and the human figure. May be repeated for credit. No previous art training is required.(6 hours per week)

Terms offered: F, W

This course may be repeated for credit.

Classification: Parallel

ART1400 - Printmaking I

Credits: 3

This course is an introduction to the medium of printmaking. It concentrates on the technical production of various print media then covers the basic processes of relief (linoleum) and intaglio (etching) printmaking.

Terms offered: F

Classification: Parallel

ART1500C - Painting I

Credits: 3

Prerequisites: ART 1300C

A course designed to acquaint the student with a working knowledge of the elements of composition, color theory and various painting techniques through the creation of painting rendered in oils or acrylics. No previous training in art is required. May be repeated for credit.

Terms offered: F

This course may be repeated for credit.

Classification: Parallel

ART2203C - Basic Design II

Credits: 3

Study and employment of basic principles of three-dimensional design as used in the creative composition in the visual arts. Students will experiment with the manipulation of a variety of materials to create effective use of three-dimensional space. No previous training is required. Recommended completion before ART 2701C Sculpture I.

Terms offered: W

Classification: Parallel

ART2301C - Freehand Drawing II

Credits: 3

Prerequisites: ART 1300C

A continuation of ART 1300C, this course emphasizes individual exploration in advanced graphite pencil techniques and interpretation of subject matter, as well as gives an introduction to the use of color in the drawing medium through the single and mixed media approaches to colored pencil, nupastel, watercolor and inks. Drawing of the human figure will be stressed. May be repeated for credit.

Terms offered: W

This course may be repeated for credit.

Classification: Parallel

ART2401 - Printmaking II

Credits: 3

Prerequisites: ART 1400

This course will provide advanced instruction in the processes of relief (woodcut) and intaglio (etching) printmaking processes, as well as non-toxic lithographic printing. The addition of more color processes will allow students to develop higher technical skills and the ability to mix multiple techniques for innovative effects.

Terms offered: F

Classification: Parallel

ART2501C - Painting II

Credits: 3

Prerequisites: ART 1500C

Continuation of ART 1500C, emphasizing individual exploration into painting techniques and interpretation of subject matter. May be repeated for credit.

Terms offered: W

This course may be repeated for credit.

Classification: Parallel

ART2701C - Sculpture I

Credits: 3

An introduction to fundamental processes used in sculpture, aesthetic problems in sculptural form and composition. Practical work in plaster, clay and other materials. May be repeated for credit.

Terms offered:

This course may be repeated for credit.

Classification: Parallel

ART2702C - Sculpture II

Credits: 3

Prerequisites: ART 2701C

A continuation of ART 2701C with emphasis on the sophisticated techniques and principles in the production of complex sculptures; an introduction into carving in alabaster. May be repeated for credit.

Terms offered: F

This course may be repeated for credit.

Classification: Parallel

ART2750C - Ceramics I

Credits: 3

An introduction to handbuilding processes and wheelthrowing techniques used in forming clay into pottery or art objects, and a study of the basic elements of design pertaining to such objects. May be repeated for credit.

Terms offered: F, W

This course may be repeated for credit.

Classification: Parallel

ART2751C - Ceramics II

Credits: 3

Prerequisites: ART 2750C

Continuation of ART 2750C, providing additional training and

experience in the use of studio equipment, in the creation of artistic forms and designs in clay, and in the development of a personal style in clay. May be repeated for credit.
Terms offered: F, W
This course may be repeated for credit.
Classification: Parallel

PGY1401C - Photography I

Credits: 3
This is an introductory course that will cover camera parts and operation, properties of film, photographic composition and lighting, and darkroom procedures. History of photography, photojournalism, photography as an art and shooting for publication will be part of the course. Students must supply their own 35 mm camera with adjustable lens.
Terms offered: F, W
Classification: Parallel

PGY2801C - Digital Photography I

Credits: 3
This course is intended to introduce students to the basic concerns in digital photography as a fine art medium, and the computer as a darkroom. Topics include digital imaging techniques of scanning, color correction, retouching, composition, content and more. Hardware, image input, output processes and software are also discussed.
Terms offered: F, W
Classification: Parallel

B.A.S. Program Courses

ACG3024 - Financial Statement Analysis for Managers

Credits: 3
Prerequisites: ACG 2021 and either MAC 1105 or a higher level mathematics course.
This course addresses the use of accounting information by nonfinancial managers. Emphasis is placed on the interpretation of accounting information and the language of financial accounting to effectively participate in activities such as planning, investment, control and managerial decision-making.
Terms offered: F, W, S
Classification: Baccalaureate

ACG3041 - Applied Financial Accounting

Credits: 3
Prerequisites: ACG 3024
This course helps students become skilled preparers and informed consumers of financial statement information. Emphasis is placed on understanding the environment in which financial reporting choices are made, what the options are and how accounting information is used for decision-making. Included is the incorporation of FASB and IASB standards and their role in the decision making process.
Terms offered: F
Classification: Baccalaureate

ACG3131 - Intermediate Accounting

Credits: 3
Prerequisites: ACG 3024
This course provides for the preparation and understanding of financial information. Topics include accounting theory and practice, the conceptual framework of United States' generally accepted accounting principles, recognition of economic transactions, the preparation and analysis of financial statements and the related disclosures. The course focuses on the role of accounting as an information system and the measurement, recognition, presentation, and disclosure of economic transactions focusing on the following: basic financial statements, time value of money, cash and receivables, inventories, property, plant, and equipment, depreciation and impairment, and current liabilities and contingencies.
Terms offered: F
Classification: Baccalaureate

ACG3401 - Accounting Information Systems

Credits: 3
Prerequisites: ACG 3024
This course provides a foundation in accounting information systems for a business organization. The course will cover business processes, risks, internal controls, and the design and implementation of an accounting information system.
Terms offered: F
Classification: Baccalaureate

ACG4341 - Cost Accounting

Credits: 3
Prerequisites: ACG 3024
This course covers planning, control and analysis of production, administrative and selling costs using budgeting and standard cost accounting techniques including variance analysis, inventory management, activity-based costing, capital budgeting, and strategic planning.
Terms offered: W
Classification: Baccalaureate

ACG4631 - Auditing

Credits: 3
Prerequisites: ACG 3024
This course provides an introduction to auditing and the audit process. Topics include professional ethics, audit evidence and documentation, internal control, business risks, and audit planning. Special emphasis is given to auditing procedures for cash, receivables, inventories, plant assets, liabilities, stockholders' equity, revenues, cost of goods sold, and other expenses.
Terms offered: W
Classification: Baccalaureate

AEB3015 - Economic Development and Growth in Agribusiness

Credits: 3
This course emphasizes the role of agriculture and economics. The topics include the hows and whys of their influence on food prices and the world food situation, the environment, natural resources and government policy, and economic issues, including inflation and money.
Terms offered: F, W, S
Classification: Baccalaureate

AEB3146 - Financial Planning for Agribusiness

Credits: 3
This course is an introduction to basic financial and managerial decision-making for small agribusinesses.

Terms offered: F
Classification: Baccalaureate

AEB3300 - Agribusiness Marketing and Sales

Credits: 3
This course is an examination of agricultural and food marketing from both a system and individual firm perspective. Problems and issues associated with marketing functions and institutions at the industry level and with objectives and strategies of farms and agribusiness firms which market agricultural commodities and food products are explored.
Terms offered: F, W, S
Classification: Baccalaureate

AEB3933 - Special Topics in Agribusiness

Credits: 3
This course covers the current trends of food production and agribusiness, especially in regard to food safety, animal welfare, land management and biotechnology. Topics include crop production, animal agriculture, and plant science produce products for direct human consumption, indirect human consumption through animals or for visual benefit. May be repeated for credit.
Terms offered: F, W, S
This course may be repeated for credit.
Classification: Baccalaureate

AEB4223 - Agricultural Policy and Regulations

Credits: 3
This course helps develop an understanding of the basic concepts of common and statutory law. Topics include identity of current legal issues of importance at the personal and professional level; developing an understanding of risk and the solutions for managing risk; and relating the concepts of risk management and law in limiting exposure to legal liability.
Terms offered: F
Classification: Baccalaureate

ANS3210 - Equitation Science

Credits: 3
Equitation Science examines the interface between humans and horses, both mounted and unmounted. Topics such as biomechanics of rider balance, management of stress due to training, horses as service animals and ethics of the industry will be addressed.
Terms offered: F
Classification: Baccalaureate

ANS3215 - Integrated Horse Management

Credits: 3
Effective horse management involves integration of nutrition, disease prevention and stress reduction. This course pulls together topics taught individually at the A.S. level into an integrated approach to equine wellness.
Terms offered: W
Classification: Baccalaureate

ANS3219 - Logistics for the Horse Industry

Credits: 3
This course takes concepts from the field of logistics and supply chain management into the horse industry to improve profitability and ensure success of the business venture. Topics addressed include customer value, customer service, cost analysis, supply/demand, risk management and distribution channels as they relate to the horse industry.
Terms offered: F, W, S
Classification: Baccalaureate

ANS3950 - Equine Practicum

Credits: 3
Internships provide real-world experience and education for future equine professionals. Each internship is customized to the student's chosen sector within the horse industry. Sample sectors include thoroughbred industry, show horse disciplines, horses as service animals, medical support, etc. This course must be taken twice.
Terms offered: F, W, S
This course may be repeated for credit. Classification: Baccalaureate

ANS4218 - Equine Learning Theory

Credits: 3
Prerequisites: ANS 1238C
Effective equine management requires a detailed understanding of how equids learn and how to facilitate and modify behavior. This course focuses on operant conditioning techniques to prepare horses for successful learning. The course also deals with detraining unwanted behaviors and evaluating mental reasons for poor performance.
Terms offered: W
Classification: Baccalaureate

ANS4941 - Equine Capstone

Credits: 3
Prerequisites: ANS 3215
This culmination course, intended to be taken in one of the last two semesters of the B.A.S. program, involves student planning and execution of a public event to educate local horse owners. Continuing education is a regular component of the equine industry, and many horse owners are lifetime learners. The organizational skills to offer such events are essential to equine professionals. These skills carry over to horse show management, fund raising and public relations.
Terms offered: F, W, S
Classification: Baccalaureate

AOM3073 - Safety in Agriculture

Credits: 3
This course identifies safety concepts, principles, practices, rules and regulations as they relate to agriculture. Learning objectives include developing and conducting safety programs. Conducting safety inspections and accident investigations are other aspects of the course.
Terms offered: F
Classification: Baccalaureate

AOM4015 - Agricultural Operations and Systems

Credits: 3
This course examines the agricultural operations management, combines emerging technologies with business principles to improve the environment, agricultural production, technical sales and the constructed environment of facilities and operations.
Terms offered: W
Classification: Baccalaureate

BUL3130 - The Legal and Ethical Environment of Business

Credits: 3
Prerequisites: BUL 2241
This course explores the legal and ethical environments of business. Emphasis is placed on the legal and ethical responsibilities to both external and internal groups in business. Topics include the legal, ethical and judicial environment, business and the Constitution, business torts, contracts, and employment law.
Terms offered: F, W, S
Classification: Baccalaureate

CJL3510 - Prosecution and Adjudication

Credits: 3
This course is an examination of the structure and process involved in the prosecution, adjudication and sentencing of criminal defendants. The exercise of prosecutorial and judicial discretion is analyzed, with emphasis placed on understanding the influence of legal, organizational and environmental contexts on decision-making.
Terms offered: F, W, S
Classification: Baccalaureate

CNT3104 - Computer Networks for Business Users

Credits: 3
The course includes discussions and readings on conceptual and practical foundations providing a comprehensive overview of network software and hardware selection considerations including routers, hubs, and couplers from a conceptual, needs-oriented perspective. Also included is an extensive discussion of network design concentrating on the physical environment and influences on design of applications goals. The focus is on supporting the organization's information system and the efficient movement of data.
Terms offered: W
Classification: Baccalaureate

COM3120 - Organizational Communications

Credits: 3
Prerequisites: OST 2335
This course will examine the process of communication within organizations. The topics of message dissemination, interpersonal communication, work group interaction and nonverbal communication will be analyzed as to their impact on individuals and the organization. Emphasis will be placed on practical application techniques for diagnosing and resolving organizational communication problems. This course will also have a major writing requirement focusing on practical business writing techniques.
Terms offered: F, W, S
Classification: Baccalaureate

COP3375 - Advanced Programming Concepts

Credits: 3
Prerequisites: CGS 1100 and COP 1030
This hands-on class will teach students the basic concepts of an object-oriented programming language using a programming language such as python. Students will learn to create interactive programs using lists, dictionaries and tuples. Students will learn more advanced techniques of working with files. Finally, students will learn about object oriented programming by manipulating functions and methods within object classes.
Terms offered: F, W, S
Classification: Baccalaureate

DSC3079 - Foundations of Public Safety

Credits: 3
This course emphasizes the importance of effective emergency communications ranging from a conflict to communications during a catastrophic event including reporting, writing, radio and alternative communications technologies, as well as effective public communications.
Terms offered: F
Classification: Baccalaureate

DSC3215 - Emergency Planning

Credits: 3
Prerequisites: DSC 1212
This course studies the process and implementation of comprehensive emergency management plans for incident management continuity of operations for all levels of government and all sectors of the community.
Terms offered: F
Classification: Baccalaureate

DSC4013 - Capstone Thesis Project in Public Safety

Credits: 6
This course focuses on the integration of knowledge, skills and abilities learned in the program through a capstone project. To be taken during the last semester of the program.
Terms offered: F, W, S
Classification: Baccalaureate

DSC4226 - National Incident Management

Credits: 3
This course examines the standards and requirements for full implementation of National Incident Management standards and the development of National Response Plans.
Terms offered: W
Classification: Baccalaureate

DSC4755 - National Security: Threats, Challenges and Solutions

Credits: 3
Examination and discussion of all aspects of national security and how strategic issues affect public safety administration and operations. Topics include national security preparedness, terrorism and counter-terrorism, critical infrastructure, disaster management and strategic communications for local and regional governments.
Terms offered: W
Classification: Baccalaureate

DSC4931 - Selected Topics in Public Safety

Credits: 3
This course provides advanced students an opportunity to examine current issues and themes in public safety administration.
Terms offered: F, W, S
Classification: Baccalaureate

ENT4003 - Principles of Entrepreneurship

Credits: 3
This course provides an overview of the multiple elements

associated with starting and operating a small business. There will be a wide range of fundamentals covered, including identifying needs of the marketplace, researching and assessing market opportunities, identifying and analyzing risk, creating a value proposition, designing an introductory marketing platform, obtaining financing, cash flow strategies, operating a small business, growing a small business and relevant best practices.
Terms offered: F, W
Classification: Baccalaureate

GEB4891 - Strategic Management and Decision Making

Credits: 3
Prerequisites: COM 3120 and MAN 3303
This course teaches strategic planning and strategy implementation in an organization. Students learn how to perform internal and external audits, identify problems, formulate goals and objectives, develop action plans, and evaluate the effectiveness of the plan. Case studies are used to develop decision-making abilities.
Terms offered: F, W, S
Classification: Baccalaureate

HSA3111 - Survey of American Health Care Systems

Credits: 3
An overview of American health care systems that includes a historical perspective of their growth and development, and an assessment and analysis of their current status and future prospects. It provides a basic understanding of diverse and complex subsystems; respective professional and allied health roles; conflicts and contributions in the political, legislative and economic domains and their complex interdependencies.
Terms offered: F, W
Classification: Baccalaureate

HSA3170 - Health Care Financial Management

Credits: 3
Prerequisites: ACG 3024
Corequisites: HSA 3111
For nonfinancial managers who need basic knowledge of financial management and health care finance, this serves as an introductory course for those who will be more directly involved in the financial aspects of health care. It includes an overall explanation of financial accounting terminology and how it works, review of financial reports (e.g., income statements, balance sheets, budgets, subsidiary ledgers and cost reports), and the managerial component that is necessary for everyday management in a health care setting. The course uses actual examples from hospitals, long-term care facilities and home health agencies as well as case studies to prepare students to read, analyze, understand and use financial statements and budgets.
Terms offered: F, W, S
Classification: Baccalaureate

HSA3340 - Human Resource Management for Health Care

Credits: 3
Corequisites: HSA 3111
Emphasizes principles, methods and procedures in human resource management and labor relations. Topics include job analysis, job description, employee motivations and performance appraisal, as well as coverage of the various personnel functions and the nature of union management relations as they evolve within the business organization. Internet access required.
Terms offered: F, W, S
Classification: Baccalaureate

HSA4110 - Management Foundations for Health Care Administration

Credits: 3
Corequisites: HSA 3111
Integrates the current thinking about the management of health care organizations. It is a multidisciplinary approach covering leadership, motivation, work design, power, influence and organizational change.
Terms offered: W
Classification: Baccalaureate

HSA4421 - Policy and Legal Aspects of Health Care

Credits: 3
Corequisites: HSA 3111
Provides an introduction to law and the legal process as it relates to health administration. It includes areas of public accountability; liability and health care providers; rights of patients; and administrative and business law for health care organizations.
Terms offered: F, W, S
Classification: Baccalaureate

HSA4922 - Health Care Management Practicum

Credits: 3
Prerequisites: HSA 3170 and HSA 3340 and HSC 3652
Corequisites: HSA 4110 and HSA 4421
Requires that the student synthesize and integrate the knowledge gained through the health care administration curriculum. May include a practicum, project, and/or critical review of current literature for written and oral presentation.
Terms offered: F, W, S
Classification: Baccalaureate

HSC3652 - Health Care Ethics

Credits: 3
Prerequisites: HSA 3111
Addresses the application of ethics to various components of the health care delivery system, including health care providers as well as administration in institutions. It discusses codes of ethics and handling of ethical problems.
Terms offered: F, W
Classification: Baccalaureate

ISM3011 - Introduction to Information Systems Management

Credits: 3
Prerequisites: CGS 1100
This course provides an introduction to the use of information technology in the business environment. The language, concepts, structures and processes involved in management of information systems will be discussed. This course will have an applications component in which software will be used to support managerial decision-making.
Terms offered: F, W, S
Classification: Baccalaureate

ISM3113 - Applied Systems Analysis

Credits: 3
Prerequisites: CGS 1100 and CGS 2540
The course introduces fundamental concepts and methods related to the management of information systems in organizations.
Terms offered: F
Classification: Baccalaureate

ISM3321 - Cyber Security Fundamentals

Credits: 3
Prerequisites: CGS 1100 and CTS 2120
This course will increase the knowledge and awareness of cyber security as it relates to the growing danger of attacks on digital information. The content of the course focuses on the design and maintenance of security plans and programs which define what security measures are important for an organization and the essential procedures for implementation.
Terms offered: F, W, S
Classification: Baccalaureate

ISM3421 - AI Fundamentals for Business

Credits: 3
This course introduces artificial intelligence (AI) and its transformative impact on business. From understanding foundational concepts to exploring cutting edge technologies, students will gain a comprehensive understanding of AI and its various applications within the business world.
Terms offered: W
Classification: Baccalaureate

ISM4212 - Database Management Systems

Credits: 3
Prerequisites: CGS 1100 and CGS 2540
This course discusses the fundamentals and application of database management in the management of information systems.
Terms offered: F
Classification: Baccalaureate

ISM4314 - IT Project Management

Credits: 3
Prerequisites: CGS 1100
This course intends to build on introductory project management skills to form a solid grounding in the nine project management knowledge areas and five process groups as detailed by the Project Management Body of Knowledge. This industry independent learning within the project arena includes the following topics: initiating, planning, executing, monitoring and controlling, closing, integration management, scope management, time management, cost management, quality management, human resource management, communication management, risk management and procurement management. Cost, scope, quality and procurement receive special emphasis in this course. Students will align the topics to strive for the attainment of project objectives within the agreed limits of resources.
Terms offered: W
Classification: Baccalaureate

MAN3240 - Applied Organizational Behavior

Credits: 3
This course is a study of individual and group behavior in organizations. Students will develop an understanding of how organizations can be managed more effectively. Course content includes motivation, group dynamics, conflict resolution, goal-setting and rewards, job design, work stress, power/politics, and organizational change and development.
Terms offered: F, W, S
Classification: Baccalaureate

MAN3303 - Management and Leadership

Credits: 3
Prerequisites: MAN 2021
This course presents the basic concepts, principles and techniques of business leadership. Emphasis will be on the student developing a solid leadership foundation while entering them in the real themes, demands, and opportunities of an evolving and dynamic business workplace. This course will incorporate basic leadership skill development as it relates to the core aspects of management practice.
Terms offered: F, W, S
Classification: Baccalaureate

MAN3600 - International Business

Credits: 3
Prerequisites: MAN 2021
This course will provide an in-depth overview of business management practices from an international perspective. Topics will include an overview of global trade, the international monetary system, international business strategy, and challenges and opportunities that managers face in multinational/multicultural settings.
Terms offered: F, W
Classification: Baccalaureate

MAN3860 - Nonprofit Organizational Management

Credits: 3
This course will provide the student with an introduction to the principles of philanthropy and the history of the creation of not-for-profit organizations. Attention will be given to strategic planning as an essential executive management tool for the growth and survival of not-for-profit organizations. This includes the understanding of the purpose of a strong mission and vision statement. Also, students will be introduced to the role of a board of trustees and the importance of volunteer management. Attention will also be given to the executive manager's role in evaluating, setting and implementing financial goals for the organization's sustainability. This course includes a brief introduction to the most common types of fund development plans.
Terms offered: W
Classification: Baccalaureate

MAN4162 - Customer Relations for Managers

Credits: 3
This course examines relationship building for all customers of an organization. The impact of culture and diversity on business relationships, successful negotiation strategies, and promotion of the organization through media relations are discussed.
Terms offered: F, W, S
Classification: Baccalaureate

MAN4301 - Human Resource Management

Credits: 3
This course is a study of the functions of human resource management including recruitment, selection, benefits and compensation, performance evaluation, development of

employees, and formulation of human resource procedures. The strategic role of human resources and current issues will be discussed.
Terms offered: F, W, S
Classification: Baccalaureate

MAN4320 - Human Resource Recruitment and Selection

Credits: 3
Prerequisites: MAN 4301
This course explores employment staffing models, job analysis, manpower forecasting and planning, internal and external recruitment, employment selection and staffing, and the hiring decision-making processes. Additional topics include staffing systems and manpower retention management.
Terms offered: F
Classification: Baccalaureate

MAN4330 - Compensation Management

Credits: 3
Prerequisites: MAN 4301
This course provides a managerial perspective of compensation management to include strategic compensation, traditional basis for pay, designing compensation systems, employee benefits, and exploring contemporary issues and challenges for human resource management professionals.
Terms offered: F
Classification: Baccalaureate

MAN4402 - Employment Law and Regulations

Credits: 3
Prerequisites: MAN 4301 and BUL 3130
This course addresses the legal issues for the stages of the employment process, from hiring to termination. Federal and state regulation of the employment relationship is explored, including wage and hour laws, the recruitment, hiring, promotion and termination of employees. In addition, students will learn about managing a diverse workforce, including EEO and affirmative action programs. Regulatory compliance and case law impacting human resource practice is also covered.
Terms offered: W
Classification: Baccalaureate

MAN4720 - Strategic Human Resource Management

Credits: 3
Prerequisites: MAN 4301
This course focuses on the planning involved with the alignment of strategic business goals of organizations with human resources, including fostering innovation, improving motivation, satisfaction, productivity, encouraging diversity and inclusion, evaluating metrics and overall performance. Topics include the facets of strategic human resource management and its implementation.
Terms offered: W
Classification: Baccalaureate

MAN4900 - Capstone in Organizational Management

Credits: 3
Prerequisites: COM 3120 and MAN 3303
This course teaches the integration of knowledge, skills and abilities learned in the Organizational Management program through a capstone project.
Terms offered: F, W, S
Classification: Baccalaureate

MAN4940 - Internship in Business and Organizational Management

Credits: 3
Prerequisites: COM 3120 and MAN 3303
Field experiences that provide practical applications in appropriate work settings are the focus of this course. Internships require a time commitment equivalent to full-time employment, with credit allotted on the basis of one credit hour for each week of full-time involvement. Program chair approval is required.
Terms offered: F, W, S
Classification: Baccalaureate

MAR3700 - Digital Marketing

Credits: 3
This course explores the critical aspects of digital marketing, including its impact on the marketing ecosystem, the supply chain, and evolving business models. Students will learn to develop, evaluate, and optimize digital marketing programs, including search engine marketing, social media marketing, paid advertising, and email campaigns. The course also covers customer service, content marketing, and strategies for customer relationship development and retention.
Terms offered: W
Classification: Baccalaureate

MAR3802 - Marketing for Managers

Credits: 3
This course helps develop the marketing knowledge and skills necessary for the successful manager of a technology organization. Students will understand marketing concepts, including the development of and execution of a marketing strategy. The course focuses on business-to-business and business-to-government marketing as well as the marketing of services.
Terms offered: F
Classification: Baccalaureate

TAX4001 - Federal Income Tax

Credits: 3
Prerequisites: ACG 3024
This course provides an introduction to federal income taxation and is designed for the students pursuing a career in accounting. It develops a basic understanding of the federal income tax laws as they relate to individuals and businesses and provides a framework for integrating income tax planning into their decision-making process.
Terms offered: F
Classification: Baccalaureate

TRA4155 - Supply Chain Management

Credits: 3
Successful supply chain management requires cross-functional integration of key business processes within the firm and across the network of businesses that comprise the supply chain. The distinction between logistics and supply chain management is identified and a framework for supply management is presented.
Terms offered: W
Classification: Baccalaureate

TRA4202 - Logistics Systems Management

Credits: 3

Design, operations and control of logistics systems for producing and servicing businesses. Emphasis placed on customer service in the management of all activities involved in moving products, services and information from point of origin to point of use and as a means of achieving a sustainable competitive edge.

Terms offered: W

Classification: Baccalaureate

TRA4234 - Warehouse Management

Credits: 3

An introduction to the practical concepts of warehousing, including the types of equipment, storage processes and systems, the technologies used to identify and track units in a warehouse, and the regulations designed to ensure safety in warehouse operations.

Terms offered: F

Classification: Baccalaureate

TRA4721 - International Logistics and Transportation

Credits: 3

International logistics concerns the flow of materials into, through and out of the international corporation as it relates to materials management, storage, inventory locations, physical distribution and documentation. This course will emphasize international transportation infrastructure and modes such as ocean, airfreight, intermodal movement, truck and rail. Choices among these modes will be explored considering such factors as transit time, packaging, risks, predictability and cost.

Terms offered: F

Classification: Baccalaureate

BS Early Childhood Education

EDG4410 - Classroom Management and Child Guidance

Credits: 3

Prerequisites: EDF 2005 and EEC 3400 and EEC 4219 and EEC 4301 and EEC 4404 and EEC 4624 and EEX 4201 and EEX 4231 and LAE 4416

Corequisites: EEC 4940

This course examines classroom management as the interrelationship of appropriate curricula, methods, materials, student behavior, and the Teacher Behavior Continuum. Students in this course will examine appropriate and developmentally sensitive strategies for managing behavior in typically and atypically developing children ages 3 to 8 years old. In addition to class meetings, a minimum of 15 hours in an age 3 to grade 12 setting is required. This is a Florida ESOL endorsement (2010) infused class.

Terms offered: W

Classification: Baccalaureate

EDP4503 - Assessment, Evaluation and Diagnosis of the Young Child

Credits: 3

Prerequisites: EDF 2005 and EEC 3400 and EEC 4219 and EEC 4301 and EEC 4624 and EEX 4201 and LAE 4416

Corequisites: EEX 4231

Students in this course will be introduced to a philosophic overview of the assessment process, including reading assessment, transdisciplinary assessment teams and provisions for appropriate information gathering techniques (formal and informal) which include the construction, selection, interpretation and evaluation of diagnostic instruments. The role of technology in testing and record maintenance will be discussed. Teachers will understand how to select and administer appropriate assessments and analyze data to inform reading instruction to meet the needs of all students. Teachers will engage in the systematic problem-solving process. In addition to class meetings, a minimum of 15 hours in an age 3 to grade 12 setting is required. This is an ESOL (2010) infused class, and satisfies Florida Reading Endorsement (2011) Competency Three (Foundations of Assessment).

Terms offered: F

Classification: Baccalaureate

EEC3012 - Introduction to Advanced Studies in Early Childhood Education

Credits: 3

Prerequisites: EEC 2200 and EDF 2005

This course introduces students to advanced studies in PreK-Primary teaching. Students engage in seminar discussions based on special topics in education, such as professionalism, collaboration, ethical conduct, decision making and planning, as well as understanding and adhering to code of ethics for educators. Students will be introduced to advanced lesson planning, developmentally appropriate practices for Pre-K-3rd grade students.

Terms offered: S

Classification: Baccalaureate

EEC3400 - Family Literacy and Young Children

Credits: 3

Prerequisites: EDF 2005 and EEC 4301 and EEX 4201 and LAE 4416

Students in this course will learn how to work with families and practice how to use materials in the home and community environment to foster development and the acquisition of disciplinary literacy skills. Students will engage in the systematic problem-solving process as they scaffold learning by applying the principles of research-based reading instruction and integrating the six components of reading across disciplines. In addition to class meetings, a minimum of 15 hours of field experience in a diverse clinical setting are required. Successful completion of this course is a grade of C or better. This is a Florida ESOL (2010) endorsement infused class. This course includes field experience at the Webber Gallery.

Terms offered: W

Classification: Baccalaureate

EEC4219 - Integrated Math and Science for Young Children

Credits: 3

Prerequisites: EDF 2005 and EEC 4301 and EEX 4201 and LAE 4416 and a passing score on the General Knowledge Exam (GKE)

Students will focus on instruction and integration of mathematics and science content and methodology in the areas of emergent numeracy and mathematical and scientific principles. Students will scaffold student learning and engage in the systematic problem-solving process through disciplinary literacy by applying the principles of research-based reading instruction, integrating the six

components of reading and differentiate process, product and context. In addition to class meetings, a minimum of 15 hours of field experience in a diverse age 3 to grade 12 setting is required. Successful completion of this course is a grade of C or better. This course satisfies Florida Reading Endorsement (2011) Competency Four (Foundations and Applications of Differentiated Instruction) and is an ESOL (2010) infused course.
Terms offered: W
Classification: Baccalaureate

EEC4301 - Cognitive Experiences for Young Children

Credits: 3
Prerequisites: EDF 2005 and EEC 3012
Corequisites: LAE 4416
Students will identify developmentally appropriate and integrated content and methodology in the area of emergent numeracy and mathematical thinking; physical development; science; social studies; the arts; and emergent and beginning literacy, developing substantive understanding of six components of reading as a process. Disciplinary texts and developmentally appropriate methods, materials, activities and assessment for each area will be introduced through practical applications and strategies that are based on current research. In addition to class meetings, a minimum of 15 hours of field experience in a diverse age 3 to grade 3 setting is required. Successful completion of this course is a grade of C or better. This course satisfies Florida Reading Endorsement (2011) Competency One and is a Florida ESOL (2010) endorsement infused class.
Terms offered: F
Classification: Baccalaureate

EEC4404 - Relations Across Family, School and Community

Credits: 3
Prerequisites: EDF 2005
Students in this course will engage in the systematic problem-solving process as they study how to promote maximum growth and psychological safety of young children. Emphasis is placed on the indicators and procedures to ameliorate child abuse and neglect; social systems; and the supports to families to increase their child's reading skills. Sources of community support and resources to support prevention and family strength will be highlighted. Students will examine information that can create a vital link among school, community, and home in our multiethnic society. In addition to class meetings, a minimum of 15 hours of field experience in a diverse age 3 to grade 3 setting is required. This is a Florida ESOL (2010) endorsement infused class.
Terms offered: F
Classification: Baccalaureate

EEC4624 - Creative and Effective Experiences for Young Children

Credits: 3
Prerequisites: EDF 2005
Students will select, create, organize and use materials, activities and environments that support developmentally appropriate practices. These practices will include arrangement of class environment, learning through play, facilitation of learning through technology, discovery learning and problem-solving, creative expression, and developing the abilities of all children to be reflective thinkers and lifelong learners. Teachers will have a broad knowledge of students from differing profiles in order to understand and apply research-based instructional practices by differentiating process, product and context. Teachers will engage in the systematic problem-solving process. In addition to class meetings, a minimum of 15 hours of observation and participation in a diverse age 3 to grade 3 setting are required. Successful completion of this course is a grade of C or better. This is a Florida ESOL (2010) endorsement infused class.
Terms offered: W
Classification: Baccalaureate

EEC4940 - Internship in Early Childhood

Credits: 6
Prerequisites: EDF 2005 and EEC 3400 and EEC 4219 and EEC 4301 and EEC 4404 and EEC 4624 and EEX 4201 and EEX 4231 and LAE 4416 and a passing scores on the General Knowledge Exam (GKE) and ProfEd exams.
Corequisites: EDG 4410
This course offers a comprehensive review and practical application of educational philosophy, methods, and strategy through a 16-week full-time internship in a diverse setting where students implement all learned competencies and skills and the Florida Educator Accomplished Practices. This is a Florida ESOL (2010) infused class and satisfies Florida Reading Endorsement (2022) Competency Five (Demonstration of Accomplishment).
Terms offered: W
Classification: Baccalaureate

EEX4201 - Young Children with Special Needs

Credits: 3
Prerequisites: EDF 2005 and EEC 3012
This course will guide students in determining a child's developmental readiness, learning styles and social-emotional needs. The history of exceptional education will be explored in conjunction with the educational and social issues relative to the field. Students will learn ways of adapting the classroom to meet the needs of children who have special requirements and will explore collaborative community services to meet the special needs of all children and their families. Students will have a broad knowledge of students from differing profiles in order to understand and apply research-based instructional practices by differentiating process, product and context. Students will engage in the systematic problem-solving process. In addition to class meetings, a minimum of 15 hours of field experience in a diverse age-3 to grade-3 setting are required. This is a Florida ESOL (2010) infused class.
Terms offered: F
Classification: Baccalaureate

EEX4231 - Assessing the Progress of Young Children with Special Needs

Credits: 3
Prerequisites: EDF 2005
Corequisites: EDP 4503
This course will familiarize students to methods and instruments to assess young children with exceptionalities. Students learn to use assessment data to plan interventions and instruction. Topics include formal and informal evaluation techniques, as well as the interpretation, application and communication of results. The role of technology in testing, record maintenance and composition of IEP/IFPS will be discussed/modeled. Teachers will understand how to select and administer appropriate assessments and

analyze data to inform reading instruction to meet the needs of all students. Teachers will engage in the systematic problem-solving process. In addition to class meetings, a minimum of 15 hours of observation and participation in a diverse age 3 to grade 3 setting is required. Successful completion of this course is a grade of C or better. This is a Florida ESOL (2010) endorsement infused class.
Terms offered: F
Classification: Baccalaureate

LAE4416 - Children's Literature for Educators

Credits: 3
Prerequisites: EDF 2005 and EEC 3012
Corequisites: EEC 4301
This course examines content and teaching strategies for teaching reading through the use of children's literature. Emphasis is on the identification of high-quality literature and the development of disciplinary literacy. Students will learn to scaffold student learning by applying the principles of research-based reading instruction and integrating the six components of reading. Students will engage in the systematic problem-solving and will plan for multilevel classrooms with learners from diverse backgrounds using researched based strategies aligned to standards. In addition to class meetings, a minimum of 15 hours of field experience in a diverse age 3 to grade 12 setting are required. Successful completion of this course is a grade of C or better. This is an ESOL (2010) infused class, and satisfies Florida Reading Endorsement (2011) Competency Two (Application of Research-Based Instructional Practices).
Terms offered: F
Classification: Baccalaureate

RN to BSN

NUR3066C - Advanced Nursing and Health Assessment with Lab

Credits: 5
Corequisites: NUR 3825
Advanced Nursing Health Assessment addresses the totality of the client including the spiritual aspects of health, disease/disability, and the individual client's perceptions of the health/illness continuum. The determination of the health/illness status of the client within the context of the client's socio-cultural values is essential in providing the framework for planning, implementing, communicating, and evaluating the outcomes of care. This laboratory course provides the knowledge, skills, interviewing and interactive techniques needed to obtain and communicate a systematic, culturally-appropriate, comprehensive health history and physical examination.
Terms offered: F, W, S
Classification: Baccalaureate

NUR3825 - Transitions and Role Development in Nursing

Credits: 3
The registered nurse student will learn the background of historical professional development as well as the evolution of the overall health care system to the present day. Professional concepts will be explored and strategies that influence self-awareness, ethical behavior, critical thinking and motivation. Students will also learn how to write professional papers in APA format and be introduced to the skill of developing effective teaching presentations that address disease prevention, health maintenance and/or health promotion.
Terms offered: F, W, S
Classification: Baccalaureate

NUR3846 - Nursing Theory and Philosophy

Credits: 3
Corequisites: NUR 3825
This course critically analyzes nursing theory, philosophy and foundations for reasoning in nursing practice. It focuses on the evolution and application of nursing knowledge. The concepts of nursing theory are explored. The nature and specific characteristics of nursing theory are discussed, including perspectives on essential elements of theories at various levels. The purpose of this examination is not to focus in detail on any one theorist, but to examine theory and its contribution to the advancement of nursing as a discipline.
Terms offered: F, W, S
Classification: Baccalaureate

NUR3930 - Special Topics in Baccalaureate Nursing

Credits: 1
Examination of topics of current or special interest in Nursing. The course may be repeated for credit in different topic areas and content may vary. Current topic is an exploration of Nursing ethics with an emphasis on the American Nurses Association Code of Ethics for Nurses.
Terms offered: F, W, S
This course may be repeated for credit.
Classification: Baccalaureate

NUR4165 - Introduction to Research in Nursing

Credits: 4
Corequisites: NUR 3825
The focus of this course is an introduction to research processes and methods utilized in developing scientific knowledge to support nursing practice. This knowledge is applied to the practice of nursing to promote, maintain, restore, and support health and improve quality of life. The steps in the research process are identified, discussed, and utilized to develop a limited research proposal. Emphasis is placed on the roles and responsibilities of the professional nurse as a producer and consumer of research. Students will apply critical thinking skills to the evaluation of published nursing research and recognition of ethical dilemmas in research studies.
Terms offered: F, W, S
Classification: Baccalaureate

NUR4636C - Community Nursing with Lab

Credits: 5
Corequisites: NUR 3825
Concepts of community health nursing focusing on community as client and levels of prevention across the lifespan.
Terms offered: F, W, S
Classification: Baccalaureate

NUR4667 - Global Health Care Issues and Trends in Professional Nursing

Credits: 4
Corequisites: NUR 3825
The purpose of this course is to introduce students to global health care systems and models, and their influence on health disparities

and culturally sensitive delivery of healthcare. A major focus of this course is for students to critically think about and discuss health and health care within a global environment. Nursing students will be exposed to the health disparities that exist in the United States and countries around the world. In addition, students will collaborate in teams on class presentations highlighting a range of population health issues, health system economics, and cultural practices in selected countries.
Terms offered: F, W, S
Classification: Baccalaureate

NUR4776 - Informatics and Evidence Based Clinical Judgment

Credits: 4
Corequisites: NUR 3825
This course provides an opportunity for increasing depth of knowledge and skill in the utilization of evidence-based practice and evaluation of outcomes in decision-making and clinical judgments. The course focuses on formulating clinical questions, performing database searches and appraising retrieved evidence, describing various EBP implementation models useful in translating evidence into practice, discussing strategies to educate staff about evidence-based practice, and articulating ethical issues related to evidence-based practice.
Terms offered: F, W, S
Classification: Baccalaureate

NUR4827 - Nursing Leadership and Management

Credits: 4
Corequisites: NUR 3825
The purpose of this course is to introduce students to leadership and management concepts used to address complex issues within selected healthcare organizations. Emphasis is on the application of specific theoretical frameworks and models of care. Students will engage in activities that contribute to the development of management competencies and leadership skills within healthcare organizations. Students will develop the ability to explain and discuss topics regarding healthcare quality improvement, organizational culture, workplace diversity, interdisciplinary collaboration, and ethical dilemmas in healthcare management.
Terms offered: F, W, S
Classification: Baccalaureate

NUR4837 - Health Care Policies and Economics

Credits: 3
Corequisites: NUR 3825
This course is designed to provide an overview of development, challenge and opportunities of the nursing profession as related to policy and economics. Emphasis is on examining national and global health care needs and social justice in relationship to health care systems and policy. The utilization of informatics to manage and communicate data, information and knowledge to support clients, nurses and other health care providers also is addressed.
Terms offered: F, W, S
Classification: Baccalaureate

NUR4927 - Nursing Leadership and Management

Credits: 4
Corequisites: NUR 3825
The registered nurse student will learn the theory and techniques of leadership to enable him/her to assume a leadership role in a health care facility. The registered nurse student will also learn skills that will enable him/her to collaborate with other members of a health care team.
Terms offered: F, W, S
Classification: Baccalaureate

NUR4935 - Special Topics in Baccalaureate Nursing II

Credits: 1
Examination of topics of current and/or special interest areas involving the profession of nursing. The course may be repeated for different topic areas and content may vary.
Terms offered: F, W, S
This course may be repeated for credit. Classification: Baccalaureate

NUR4950 - Baccalaureate Capstone Course

Credits: 4
Prerequisites: NUR 3825
Corequisites: NUR 3066C and NUR 3846 and NUR 4165 and NUR 4636C and NUR 4667 and NUR 4776 and NUR 4827 and NUR 4837
The capstone course will focus on current healthcare trends and issues related to professional nursing practice, nursing research, service learning, and professional development. Students will have the opportunity to synthesize their learning experiences throughout the nursing program to demonstrate personal professional growth and a commitment to professional development. This course will highlight all the professional endeavors of the student's past and present academic and work achievements. This course will assist the student in meeting the program goal of "human flourishing" by engaging in activities that contribute to the promotion of optimal health and wellness across a variety of health care settings. The student will reflect on meaning and application of course material demonstrating professional advancement, personal and professional development for promoting health.
Terms offered: F, W, S
Classification: Baccalaureate

Business Administration

ECO2013 - Principles of Economics - Macro

Credits: 3
In this course, students will learn the foundations of macroeconomics as the branch of economics concerned with how decision-making, in an environment of scarcity, maps onto the aggregate economy. Students will examine theories and evidence related the following core set of topics: national income determination, money, monetary and fiscal policy, macroeconomic conditions, international trade and the balance of payments, and economic growth and development.
Terms offered: F, W, S
Classification: Parallel

ECO2013H - Principles of Economics - Macro, Honors

Credits: 3
In this course, students will learn the foundations of macroeconomics as the branch of economics concerned with how decision-making, in an environment of scarcity, maps onto the aggregate economy. Students will examine theories and evidence related the following core set of topics: national income

determination, money, monetary and fiscal policy, macroeconomic conditions, international trade and the balance of payments, and economic growth and development. This is an honors course. Admission to the Community of Scholars or a 3.3 GPA or higher plus instructor permission is required.
Terms offered: F
Classification: Parallel

ECO2023 - Principles of Economics - Micro

Credits: 3
Prerequisites: ENC 1101
This course emphasizes microeconomic concepts, including the mechanics of supply and demand, the economics of the firm, the allocation of resources, returns to factors of production, and the concept of a mixed economy and current microeconomic problems.
Terms offered: F, W, S
Gordon Rule Applies.
Classification: Parallel

ENT1000 - Introduction to Entrepreneurship

Credits: 3
This course provides an overview of the role of entrepreneurial businesses in the United States and the impact of these businesses on the national and global economy. Students evaluate the skills and commitment necessary to successfully operate an entrepreneurial venture. Additionally, students review the challenges and rewards of entrepreneurship as a career choice, as well as the entrance strategies needed to accomplish such a choice.
Terms offered: F
Classification: Dual

ENT2112 - Entrepreneurship Opportunities

Credits: 3
In this course, students assess the personal attributes, as well as the skills base, professional talent, and educational and work experiences within an organization that are necessary to create successful business ideas. Students examine the external environment to identify trends and needs in the marketplace for potential business opportunities. Each individual has the opportunity to screen potential business ideas by assessing whether or not these compliment the individual and his/her organization based on an evaluation of its strengths and skills base, as well as the student's personal, professional and financial goals. Students develop initial market feasibility analyses to test their concepts through basic market research.
Terms offered: F
Classification: Occupational

FIN2100 - Business Finance

Credits: 3
Provides comprehensive coverage of personal planning in theories of money management, career planning, taxes, consumer credit, other consumer decisions, legal protection, insurance, investments, retirement planning and estate planning.
Terms offered: F, W, S
Classification: Dual

GEB1011 - Introduction to Business

Credits: 3
Orientation to the study of business administration. Emphasis on the environment, structure and functions of business; current and emerging problems.
Terms offered: F, W, S
Classification: Dual

GEB1011H - Introduction to Business Honors

Credits: 3
Orientation to the study of business administration. Emphasis on the environment, structure and functions of business; current and emerging problems. Designed especially for honors students, the course will be enhanced by special activities such as group projects, guest speakers, or field trips. Admission to the Community of Scholars or a 3.3 GPA or higher plus instructor permission is required.
Terms offered: W
Classification: Dual

GEB2350 - Introduction to International Business

Credits: 3
This is an introductory course in international business. The major topics covered are the theoretical basis for trade, cultural differences that influence business transactions, the impacts of trade regulations, exchange rates, investment in other countries and the movement of factors of production between countries.
Terms offered: F, S
Classification: Dual

GEB2430 - Ethics in Management

Credits: 3
This course teaches the expertise needed to make ethical business management decisions. The focus is primarily on ethical issues that corporate decision makers face in developing policies concerning employees, customers and the general public. The positions on these issues and the arguments for them are taken from a wide variety of sources, including economics and the law.
Terms offered: F, W, S
Classification: Dual

MAN2021 - Principles of Management

Credits: 3
A study of the principles of management including planning, organizing, directing and controlling, with emphasis on the analytical framework for solving organizational problems.
Terms offered: F, W, S
Classification: Dual

MAN2304 - Introduction to Human Resources

Credits: 3
An overview of the field of human resources management. The role of the human resources department will be emphasized with particular attention being focused upon the importance of the supervisors and executives.
Terms offered: F, W, S
Classification: Dual

MAN2582 - Introduction to Project Management

Credits: 3
This introductory course in project management concepts is designed to prepare to utilize project management techniques in the workplace. Further, the course will prepare the student for further study in project management and related areas. The course will pay particular attention to the nine functional areas of project:

scope, time, cost, quality, human resources, communication, risk procurement and integration and their relationship to initiation, planning, execution, controlling and closing. The course will introduce project management software using Microsoft Project.
Terms offered: F
Classification: Dual

MAR2011 - Principles of Marketing

Credits: 3
A study of the functions, institutions and methods of marketing goods and services. Relates marketing to the total economic structure and emphasizes the importance of the consumer.
Terms offered: F, W, S
Classification: Dual

MKA2021 - Sales, Marketing and Advertising

Credits: 3
A study of the principles of effective selling, including an examination of the personal and economic aspects of selling, as well as a consideration of consumer motivation, knowledge of company and competitors' products, and techniques of successful sales presentations.
Terms offered: F
Classification: Occupational

SBM2000 - Small Business Management

Credits: 3
A study of the management concepts underlying the operation of a small business including planning, locating, operating, evaluating and controlling the enterprise. Fundamentals of financing, budgeting, marketing, promotion and profit analysis are examined.
Terms offered: W
Classification: Occupational

Early Child Education

CHD1339 - Learning Through Play

Credits: 3
This course is designed to increase the understanding of the values of play in the total development of the child. Students will examine the Florida Early Learning and Developmental Standards for Four-Year-Olds and determine appropriate play activities that enhance readiness skills. Developmentally appropriate practices and activities will be examined. Students will observe children in various types of play at the College of Central Florida's Learning Lab School.
Terms offered: W
Classification: Occupational

CHD1440C - Child Care Practicum I

Credits: 3
This course provides a hands on experience in working in the field with children. Students will plan and implement a variety of developmentally appropriate lessons. The student will maintain a safe learning environment for children using appropriate guidance and classroom management techniques. To comply with Florida state law, Chapter 402.305 2(a), each prospective student must be fingerprinted and undergo an FDLE Level II background screening. The cost of these procedures is the responsibility of the student. Information received is confidential and is required to determine the prospective student’s eligibility to work with children.
Terms offered: F, S
Classification: Dual

CHD1441C - Child Care Practicum II

Credits: 3
This course provides a hands on experience in working in the field with children. Students will plan and implement a variety of developmentally appropriate lessons. The student will maintain a safe learning environment for children using appropriate guidance and classroom management techniques. To comply with Florida state law, Chapter 402.305 2(a), each prospective student must be fingerprinted and undergo an FDLE Level II background screening. The cost of these procedures is the responsibility of the student. Information received is confidential and is required to determine the prospective student’s eligibility to work with children.
Terms offered: W, S
Classification: Dual

EEC1000 - Introduction to Child Development and Education

Credits: 3
This course is designed to give the student an understanding of the total development of a child from conception through age 5. Theories and their practical application to young children will be examined.
Terms offered: F, W, S
Classification: Dual

EEC1603 - Child Guidance

Credits: 3
This course provides child guidance and group management techniques to foster the development of self-esteem, self-control, and social skills in young children. Positive reinforcement and problem resolution will be emphasized.
Terms offered: F
Classification: Dual

EEC1907 - Observing and Recording Behavior

Credits: 3
The course is designed to expose the students to various assessment methods that evaluate a child's skill level. Special attention will be given to designing an individual learning prescription for each child. Students will be able to alter lesson plans based on the needs of the children and determine what activities will enhance the acquisition of skills that prepare children for kindergarten.
Terms offered: W
Classification: Dual

EEC1921 - Preschool Workshop

Credits: 3
This course is designed to provide the student with an opportunity to plan an integrated curriculum unit with learning activities for young children. The student will plan and organize a developmentally appropriate environment for preschool children. The student will explore resources available within the community. Students will develop a portfolio following the Child Development Associate Guidelines.
Terms offered: W
Classification: Dual

EEC2001 - Introduction to Administration in Early Childhood Education

Credits: 3
An overview of early childhood education and services for young children and their families. Includes historical roots, societal changes, program differentiation and future trends. Program management and the administrator's role in the child care setting will be the main focus.
Terms offered: F, W
Classification: Dual

EEC2200 - Curriculum in Childhood Education

Credits: 3
The student will examine curricular content in early learning centers. The student will be introduced to various early childhood curriculums and developmentally appropriate activities that are in line with the Florida Early Learning and Developmental Standards for Four-Year-Olds. The student will create developmentally appropriate lessons and activities for various content areas and have the opportunity to implement these activities at the College of Central Florida's Learning Lab School.
Terms offered: F, W
Classification: Dual

EEC2300 - Instructional Practices

Credits: 1
This course is designed to give the student one-on-one instruction in appropriate practices with children. The student will be evaluated, and helpful teaching suggestions will be offered.
Classification: Dual

EEC2401 - Home and Community

Credits: 3
The student will examine the dynamics of the relationship of home, school and community in early childhood education. Communication techniques, parent partnerships and quality early learning programs will be covered.
Terms offered: S
Classification: Dual

EEC2930 - Seminar in Childhood Education

Credits: 3
Seminar to investigate and discuss selected topics in Early Childhood Education such as professionalism, collaboration and ethical conduct.
Terms offered: F
Classification: Dual

EEX2010 - Survey of Disabling Conditions

Credits: 3
Students will examine various disabling conditions in young children. Students will have a better understanding of conditions and access for all students. Room arrangement will be reviewed in order to accommodate every child. Laws governing students with disabling conditions will be studied as well as early intervention as a key to each student's success.
Terms offered: S
Classification: Dual

Cardiovascular Technology

CVT1000C - Introduction to Cardiovascular Technology

Credits: 3
Corequisites: CVT 1260C and CVT 1800L
This course is an overview of the cardiovascular technologist profession including basic skills and terminology related to historical development, current profession trends, infection control, asepsis, and basic cardiopulmonary patient assessment tools using electrocardiography, chest x-ray, and clinical laboratory tests, including blood gas analysis and concepts related to oxygenation and ventilation.
Terms offered: W
Classification: Occupational

CVT1205C - Cardiovascular Pharmacology and EKG Management

Credits: 3
Prerequisites: CVT 1000C and CVT 1260C and CVT 1800L and CVT 1270C
Corequisites: CVT 1801L and CVT 1610C
This course includes the action, dosage, uses and precautions for the antiarrhythmic drugs, invasive and non-invasive procedural medications, diuretics, as well as medications commonly used in the event of a cardiac arrest. Roles and responsibilities in cardiac arrest and the common denominators of all defibrillators, procedures for defibrillation and factors which determine success.
Terms offered: S
Classification: Occupational

CVT1260C - Cardiopulmonary Anatomy and Physiology

Credits: 4
Corequisites: CVT 1000C and CVT 1800L
This course includes adult, fetal, and newborn cardiopulmonary anatomy and physiology in detail as it applies to the cardiac catheterization lab. Application also includes, cardiac electrophysiology including ECG, dysrhythmias, and other hemodynamic calculations required in cardiopulmonary physiology. This course will include an introduction to pre/post catheterization care, sterile and aseptic concepts and an introduction to basic catheterization equipment and concepts related to their maintenance and function.
Terms offered: W
Classification: Occupational

CVT1270C - Pathophysiology

Credits: 2
Corequisites: CVT 1205C and CVT 1801L or CVT 1610C
This course is structured to furnish the student with the dynamic aspects of disease processes. It is conceptually structured to present the concepts of disease processes by organ system. Precedence will be given on understanding the etiology and pathogenesis of a given disorder. Emphasis will be on disorders of the immune system as it relates to adverse reactions to drugs, hematologic, fluid and electrolytes, cardiovascular, respiratory, renal, neurologic and endocrine disorders.
Terms offered: W
Classification: Occupational

CVT1610C - Ultrasound Physics I

Credits: 3
Prerequisites: CVT 1000C and CVT 1260C and CVT 1800L
Corequisites: CVT 1205C and CVT 1270C
This course defines the principles of ultrasound physics and relates them to their practical use in diagnostic ultrasound. Additionally, hemodynamic concerns of blood flow will be considered.
Terms offered: S
Classification: Occupational

CVT1616C - Ultrasound Physics II

Credits: 4
Prerequisites: CVT 1205C and CVT 1270C and CVT 1610C
Corequisites: CVT 2620 and CVT 2620L
The student will focus more on doppler spectral analysis, color flow doppler and power doppler as well as storage display and ultrasound safety. The student will gain a basic level of comfort in setting up the ultrasound system for a basic examination. He or she will learn to identify and adjust the basic system controls including system set up, image zoom and magnification, and basic measurements. The student will also will learn to explain the issue of ultrasound safety and how to limit exposure to the patient. In laboratory, the student will have hands-on experience in setting the system up, selecting transducers, specific application and properly identifying the various components of the system. The student will practice obtaining, optimizing, freezing and analyzing a doppler spectrum. The student will practice obtaining and optimizing color and power doppler images and identifying system controls that will help optimize the diagnostic image.
Terms offered: F
Classification: Occupational

CVT1800L - Cardiovascular Clinical Pre-Practicum I

Credits: 3
Corequisites: CVT 1000C and CVT 1260C
This course is designed to simulate the basic components and skills necessary for cardiac patient care. The skills taught in this course will be simulated and practiced in the on-campus CVT laboratory. These skills will require successful completion of a competency in order to move into a clinical setting. Skills will be related to, but not limited to, lung and heart auscultation, blood pressure monitoring, basic 5-lead and 12-lead set up, patient communication, patient charting and regulations, cardiac patient assessment, oxygenation vs. Ventilation assessment and treatment, SPO2 monitoring and ETCO2 monitoring. Successful completion of basic life support certification will also be required.
Terms offered: W
Classification: Occupational

CVT1801L - Cardiovascular Clinical Pre-Practicum II

Credits: 3
Prerequisites: CVT 1000C and CVT 1260C and CVT 1270C and CVT 1800L
Corequisites: CVT 1205C
Supervised clinical practice continues in the on-campus cardiac catheterization laboratory. This course builds on the patient care knowledge and skills from CVT 1800L. Areas of concentration in this pre-clinical course include: diagnostic left heart catheterization, diagnostic right heart catheterization, pre and post cardiac catheterization patient care. This course will allow students the ability to learn procedural set-up, maintaining sterile field and procedural instrumentation prep, maintenance and use. Students will be able to increase their speed and accuracy, allowing for successful transition into the clinical environment. Students must successfully complete all skills competencies before moving into their clinical rotations.
Terms offered: S
Classification: Occupational

CVT2211C - Critical Care Applications

Credits: 2
Prerequisites: CVT 1205C and CVT 1270C and CVT 1801L
Corequisites: CVT 2620 and CVT 2420C
This course is designed to teach the student the theory, application, and evaluation of critical care measures for medical and surgical emergencies. These applications include chest tubes, emergent airways, intra-aortic balloon pumping, long-term pulmonary artery monitoring and arterial lines. This course will also introduce the student to other advanced adjunct therapies used in interventional cardiac procedures.
Terms offered: W
Classification: Occupational

CVT2320L - Cardiovascular Noninvasive Practicum III

Credits: 4
Prerequisites: CVT 2621 and CVT 2621L
Corequisites: CVT 2427C and CVT 2920
During this course students gain skills in the use of fundamental ultrasonic equipment used to detect blood flow abnormalities in the peripheral vasculature. Areas such as the carotid arteries, cerebral vessels, legs, arms and some abdomen vasculature will be discussed. Students will participate in on-campus simulation labs once a week and continue clinical rotations during the week at our clinical affiliate sites. A final simulation practicum will also be required.
Terms offered: S
Classification: Occupational

CVT2420C - Invasive Cardiology I

Credits: 3
Prerequisites: CVT 1205C and CVT 1270C and CVT 1801L
Corequisites: CVT 2211C and CVT 2620 and CVT 2840L
This course introduces the student to the specific procedures performed in the cardiac catheterization laboratory and the use of the resulting data for patient diagnosis. Additional topics include patient assessment, radiography, pharmacology, cardiac wave forms, coronary artery anatomy, equipment and tools utilized in cardiac catheterization, hemodynamic data and analysis, right and left heart caths, and complications of cardiac catheterization and subsequent treatments. X-ray imaging equipment, components of fluroscopy equipment and dosiemerty will also be discussed.
Terms offered: S
Classification: Occupational

CVT2421C - Invasive Cardiology II

Credits: 3
Prerequisites: CVT 2211C and CVT 2420C and CVT 2620 and CVT 2840L
Corequisites: CVT 2441C and CVT 2841L
This course is designed to further understand cardiac diseases as well as to continue teaching the student classifications and the use of equipment and techniques used in invasive cardiology. An in-

depth presentation of various cardiac diseases including coronary artery disease, angina, myocardial infarction, heart failure, valve diseases, cardiomyopathies, pericardial disorders, arrhythmias, congenital anomalies and repair procedures is also presented. The various calculations performed in the cath lab including cardiac outputs, vascular resistance, valve areas and shunts will be taught.
Terms offered: F
Classification: Occupational

CVT2427C - Advanced Cardiovascular Concepts

Credits: 3
Prerequisites: CVT 2421C and CVT 2441C and CVT 2841L , or CVT 2621 and CVT 2621L
Corequisites: CVT 2920 and either CVT 2320L or CVT 2845L
This course is focused on the peripheral vascular specialty in cardiology. The course covers the anatomy and physiology, pathophysiology, diagnosis, and interventions associated with diseases of the aorta, peripheral arteries, carotid arteries, cerebral vasculature and renal arteries.
Terms offered: S
Classification: Occupational

CVT2441C - Introduction to Cardiac Electrophysiology

Credits: 3
Prerequisites: CVT 2211C and CVT 2420C and CVT 2620 and CVT 2840L
Corequisites: CVT 2421C and CVT 2841L
This course provides instruction in the fundamentals of electrophysiology. The course topics include an introduction to electrophysiology, in-depth analysis of normal and abnormal cardiac rhythms and an overview of procedures and procedural equipment. Protocols for pre-procedural, intra-procedural and post-procedural activities and associated technical skills are discussed and assessed.
Terms offered: F
Classification: Occupational

CVT2620 - Noninvasive Cardiology I

Credits: 3
Prerequisites: CVT 1205C and CVT 1270C and CVT 1801L , or CVT 1801L
Corequisites: CVT 2211C and CVT 2420C and CVT 2840L , or CVT 1616C and CVT 2620L
This course presents an introduction to non-invasive cardiology and those tests performed in this area. In addition, normal and abnormal heart rhythms, ECG acquisition and analysis, patient safety, stress testing, Holter monitoring and an introduction in echocardiography is presented. This course will also include 12-lead acquisition and interpretation and radiation safety and guidelines.
Terms offered: F
Classification: Occupational

CVT2620L - Cardiovascular Noninvasive Practicum I

Credits: 5
Prerequisites: CVT 1205C and CVT 1270C and CVT 1610C
Corequisites: CVT 1616C and CVT 2620
This course provides students with hands-on simulation and clinical practice as it relates to non-invasive echocardiography imaging, instrumentation and the concepts discussed in the CVT 2620 and CVT 1616C courses. Students will participate in on campus simulation and clinical rotations weekly at our clinical affiliate sites. Students will be required to complete skills competencies both on campus and at clinical sites. A final simulation practicum is also required.
Terms offered: F
Classification: Occupational

CVT2621 - Noninvasive Cardiology II

Credits: 5
Prerequisites: CVT 1616C and CVT 2620 and CVT 2620L
Corequisites: CVT 2621L
This course presents in-depth view of echocardiography. A firm didactic foundation for echocardiography will be presented with provisions available for further study of this complex technique including 2-D, M-mode, continuous, pulse wave, and color doppler techniques. Concepts presented in this course are centered around cardiac pathologies and echocardiography.
Terms offered: W
Classification: Occupational

CVT2621L - Cardiovascular Noninvasive Practicum II

Credits: 7
Prerequisites: CVT 1616C and CVT 2620 and CVT 2620L
Corequisites: CVT 2621
This course presents in-depth view of echocardiography. A firm kinesthetic foundation for echocardiography will be presented with provisions available for further study of this complex technique including 2-D, M-mode, continuous, pulse wave, and color doppler techniques. This course is the lab portion of the course and will allow the student simulation and clinical practice. Students will participate in the simulation lab on campus once a week and continue with clinical practicum in the clinical setting during the week. A final simulation practicum will also be required.
Terms offered: W
Classification: Occupational

CVT2840L - Cardiovascular Invasive Practicum I

Credits: 4
Prerequisites: CVT 1205C and CVT 1270C and CVT 1801L
Corequisites: CVT 2420C and CVT 2211C and CVT 2620
This course is designed to give the students simulated and clinical experience performing patient care and procedural skills in the cardiac catheterization laboratories. The student receives extensive hands-on experience and observation utilizing equipment, performing all tests and providing patient care. The course will include one simulation lab day a week focused on diagnostic cardiac catheterization procedures. The student also will complete clinical shifts during the week at one of our clinical affiliate sites. There will be skills competencies to be completed at both the on-campus simulation laboratory and the clinical affiliates sites, as well as a final simulation practicum.
Terms offered: F
Classification: Occupational

CVT2841L - Cardiovascular Invasive Practicum II

Credits: 6
Prerequisites: CVT 2211C and CVT 2420C and CVT 2620 and CVT 2840L
Corequisites: CVT 2421C and CVT 2441C
This course is designed to give the students simulated and clinical experience performing patient care and procedural skills in the cardiac catheterization laboratories. The student receives

extensive hands-on experience and observation utilizing equipment, performing all tests and providing patient care. The course will include one simulation lab day a week focused on advanced interventional cardiac catheterization procedures. The student also will complete clinical shifts during the week at one of our clinical affiliate sites. There will be skills competencies to be completed at both the on-campus simulation laboratory and the clinical affiliates sites, as well as a final simulation practicum.
Terms offered: W
Classification: Occupational

CVT2845L - Cardiovascular Invasive Practicum III

Credits: 4
Prerequisites: CVT 2421C and CVT 2441C and CVT 2841L
Corequisites: CVT 2427C and CVT 2920
This course is designed to give the students simulated and clinical experience performing patient care and procedural skills in the cardiac catheterization laboratories. The student receives extensive hands-on experience and observation utilizing equipment, performing all tests and providing patient care. The course will include one simulation lab day a week focused on interventional peripheral catheterizations. Clinical rotations will be focused in peripheral catheterization. The student will complete weekly clinical shifts during the week at one of our clinical affiliate sites. There will be skills competencies to be completed at both the on-campus simulation laboratory and the clinical affiliates sites, as well as a final peripheral catheterization simulation practicum.
Terms offered: S
Classification: Occupational

CVT2920 - Cardiovascular Technologist as a Professional

Credits: 2
Prerequisites: CVT 2421C and CVT 2441C and CVT 2841L and CVT 2621 and CVT 2621L
Corequisites: CVT 2427C and CVT 2845L and CVT 2320L
This course will cover professional requirements of a cardiovascular technologist in relation to entry-level examination, resume creation and interviewing skills. The course also includes introduction statistic principles used in medical research, as well as to hospital based accreditation agencies, introduction to other common regulatory agencies and guidelines within cardiology. Students will participate in cardiovascular case studies centered in medical research and medical ethics.
Terms offered: S
Classification: Parallel

CVT2930C - Selected Topics in Cardiovascular Technology

Credits: 1-4
This course is for students to obtain additional cardiovascular technology skills. Provides course observation, clinical and/or laboratory experience. This is a multiple credit course that may be repeated for credit, but grade forgiveness cannot be applied. This course is only available to students with advising and program approval.
Terms offered: F, W, S
Classification: Occupational

Computer Information Technology

CAI1000 - Introduction to Artificial Intelligence

Credits: 3
Prerequisites: CGS 1100
This course surveys Artificial Intelligence (AI) techniques, theories, and applications, providing a comprehensive overview of AI's impact across various fields. Students will be introduced to AI project cycles and decision-making processes, exploring the essential stages of AI system development. The course also examines key social issues surrounding AI, including ethical considerations and the broader societal implications of AI technology.
Terms offered: W
Classification: Parallel

CET1171 - Introduction to Computer Technology

Credits: 3
This course is designed for people with limited computer background who wish to gain basic computer competency. This course will cover basic computer fundamentals, key applications and living online.
Terms offered: F, W, S
Classification: Dual

CET1278 - A+ Fundamentals

Credits: 3
Corequisites: CGS 1100
Students seeking a career in the personal computer industry will benefit from this course. This course will address the basic skills needed by any entry-level technician and for the preparation of the current A+ industry certification exam. The course will focus on software installation, troubleshooting, repairing and upgrading as well as network and security issues related to operating system configuration. In addition, students will be introduced to basic computer hardware, at the level of a beginning personal computer technician. Emphasis is placed on learning the proper name of features and components making up a PC system as well as understanding their function. This section will also address the professionalism and communication skills necessary for employment in the technology industry. The course is designed for individuals with little or no experience working inside a PC.
Terms offered: F, W, S
Classification: Occupational

CET2180 - Practical PC Technician

Credits: 3
Prerequisites: CET 1278
Students seeking a career in the personal computer industry will benefit from this course. This course addresses the basic skills needed by any entry-level technician and for the current industry certification exams. This course is targeted for individuals who work or intend to work in a mobile or corporate technical environment with a high level of face-to-face client interaction. Computer hardware, software and networking will be examined. Troubleshooting, security issues, communication and professionalism will be emphasized throughout the course.
Terms offered: F, W, S
Classification: Occupational

CGS1100 - Microcomputer Applications

Credits: 3
This course is designed to familiarize students with microcomputers, using some of the more popular commercially

available software packages, including an introduction to an operating system and/or user interface. Emphasis is on practical exercises using word processing, spreadsheets, database packaged programs, presentation software and internet browsers.
Terms offered: F, W, S
Classification: Dual

CGS1100H - Microcomputer Applications Honors

Credits: 3
This course is designed to familiarize students with computers, operating systems, browsers, and applications software. Emphasis is on practical exercises using word processing, spreadsheets, database packaged programs, presentation software, and internet browsers. Students will conduct scholarly research in the IT field. Admission to the Honors Institute, a 3.3 or higher GPA, or permission of instructor is required.
Terms offered: F, W, S
Classification: Dual

CGS1820 - Web Programming

Credits: 3
Prerequisites: CET 1171 or CGS 1100
This hands-on, online class presents the basics of web programming using HTML, CSS, DHTML and JavaScript. Students create Web pages with graphics, text, cascading style sheets and scripts. Finally, students will create web pages with multimedia content including sound and video.
Terms offered: S
Classification: Occupational

CGS2103 - Spreadsheet Applications

Credits: 3
Prerequisites: CGS 1100
Spreadsheets are powerful software tools that allow users to manipulate data. In this course, students use a modern spreadsheet package to create formulas and functions to solve problems as well as format the data for attractive presentation. Students learn to combine multiple worksheets and multiple workbooks with 3-D references, as well as present data as a pivot table. Students learn to use a variety of powerful financial functions, and learn to do what-if analysis on data using one- and two-variable data tables. Finally, students learn to import a variety of data into a spreadsheet including text, database tables, XML data and other tabular data. This course is designed to prepare students for the current Microsoft Office Excel exam.
Terms offered: F, W, S
Classification: Dual

CGS2540 - Database Management Systems

Credits: 3
Prerequisites: CGS 1100
This SQL course provides a hands-on introduction to designing, implementing, and managing relational databases. Students will learn to create and maintain databases, perform complex queries, and develop reports to meet business needs. The course covers essential SQL skills, including data modeling, table creation, data manipulation, and advanced techniques such as stored procedures, functions, and triggers. By the end of the course, students will be able to use SQL effectively to automate tasks, ensure data integrity, and optimize database management.
Terms offered: F, W, S
Classification: Dual

CGS2557 - Internet Technologies

Credits: 3
This course focuses on using the developing technologies and resources of the internet and World Wide Web, as well as the significant impact of the medium on our society and culture. Students use and discuss these tools and their implications. Topics will cover the history of the internet, current events and news related to the information technology industry, the current paradigm shifts of business, and using the internet as a collaborative communication medium.
Terms offered: S
Classification: Dual

CGS2930 - Special Topics in Computers

Credits: 1
This course provides detailed instruction on a variety of topics pertaining to computers. Topics for this course vary.
Terms offered: F, W, S
This course may be repeated for credit. Classification: Dual

CIS2321 - Introduction to Systems Analysis and Design

Credits: 3
Prerequisites: CGS 1100
Students seeking a career in the personal computer industry will benefit from this course. The course covers fundamental elements of computer systems analysis and design. The systems design life cycle is the primary focus for the course. Systems infrastructure and data structures are explored through case studies and lab projects. Students will also research current topics related to professional practices in the field while developing design and analysis skills.
Terms offered: F
Classification: Occupational

CIS2352 - Ethical Hacking

Credits: 3
Prerequisites: CTS 2134
This course provides an in-depth understanding of how to effectively protect computer networks. Students will learn the tools and penetration testing methodologies used by ethical hackers. In addition, the course provides a thorough discussion of what and who an ethical hacker is and how important they are in protecting corporate and government data from cyber attacks. The student will learn system and network penetration testing, the tools and techniques used to exploit vulnerabilities such as social engineering, buffer overflows, etc., and how to defend against attacks.
Terms offered: F
Classification: Occupational

CIS2381 - Foundations of Digital Forensics

Credits: 3
Prerequisites: CET 2180
This course teaches forensic concepts and techniques related to information security and will provide an introduction to the field of digital forensics. Topics include the application of traditional forensic science principles and practices to obtain electronically stored evidence. The student will learn how to obtain and analyze digital information for possible use as evidence in civil, criminal or administrative cases.

Terms offered: W
Classification: Occupational

COP1030 - Fundamental Programming Concepts

Credits: 3
Prerequisites: CGS 1100
This hands-on class will teach students the basic concepts of an object-oriented programming language using a programming language such as Python. Students will gain an understanding of the basics of how a computer program functions. They will also learn to create interactive programs using variables, expressions and statements. Students will learn basic programming techniques using conditional statements, recursion and functions. Finally, students will learn how to manipulate strings and structures.
Terms offered: F, W, S
Classification: Dual

COP2250 - Java Programming

Credits: 3
Prerequisites: CGS 1100
Java is a major programming language used for today's software development and Web applications. This course provides a thorough introduction to the Java programming language through an understanding of object-oriented programming. Students will learn to build their own class structures, plus work with constructor functions as the building blocks of software applications. Students will also learn and practice programming techniques such as control statement, repetition statement, arrays and strings. Finally, students will learn to use the graphics capabilities of Java and create applets. The class will be hands-on in approach with students working at coding in each class.
Terms offered: W
Classification: Dual

COP2650 - Mobile Devices

Credits: 3
Prerequisites: CGS 1100
This hands-on class will teach students the basic concepts of setting up and using mobile technology. Students seeking a career in the personal computer industry will benefit from this course.
Classification: Dual

CTS2120 - Security Fundamentals

Credits: 3
Prerequisites: CTS 2134
Students will be introduced to common security issues related to computer technology and its effects on personal information. Emphases will be placed on personal and business security issues and solutions. Students will be introduced to cryptography, common attackers and business communications in a real-world situation.
Terms offered: F, W, S
Classification: Dual

CTS2134 - Networking Fundamentals

Credits: 3
Prerequisites: CET 2180
An introduction to networks and data communication, concentrating on connecting microcomputers in local area networks. A variety of networking software and topologies will be examined with emphasis on practical solutions to common PC networking problems.
Terms offered:
Classification: Occupational

CTS2136 - PC Desktop Support

Credits: 3
Prerequisites: CET 2180
Students seeking a career in computer help desktop support will benefit from this course. This course will address the personal and technical skills needed to operate a successful help desk. This course is targeted for individuals who work or intend to work in a traditional or remote-based help desk work environment where client interaction, client training, operating system and connectivity issues are emphasized. This course would be beneficial to students who are seeking certification in PC desktop support.
Terms offered: F, W, S
Classification: Occupational

CTS2143 - Server Fundamentals

Credits: 3
Prerequisites: CTS 2134
This course is designed to prepare students for current industry certification exams. Topics covered include aspects of server and disaster planning, server installation and configuration of roles, troubleshooting and repairing, as well as virtualization.
Terms offered: F, W
Classification: Occupational

CTS2375 - Cloud+

Credits: 3
Prerequisites: CTS 2134
Cloud+ provides foundational knowledge and practical skills in cloud computing to prepare students for managing and optimizing cloud environments. The course covers key cloud concepts, including deployment and migration, infrastructure management, security, automation and troubleshooting. Students will learn to implement and maintain cloud solutions, manage workloads, and address challenges related to scalability, performance, and security in cloud environments. Emphasis is placed on practical skills required for cloud professionals to support the dynamic needs of modern organizations.
Terms offered: F, W, S
Classification: Occupational

CTS2651 - Router Fundamentals

Credits: 3
Prerequisites: CET 1278
This course introduces students to networking hardware. Topics include router configurations, routed and routing protocols, and introduction to LAN switching.
Terms offered: F, W, S
Classification: Occupational

GIS2040 - Fundamentals of Geographic Information Systems

Credits: 3
This course provides an introduction to the principles and applications of Geographic Information Systems (GIS). Students will learn fundamental concepts, including spatial data structures, map projections, coordinate systems, and data sources. The course also covers basic GIS operations, such as data capture, analysis, and map creation. Upon completion, students will have the skills to perform basic GIS tasks and understand its

applications in various fields.
Terms offered: F, W, S
Classification: Parallel

GIS2047 - Applications of GIS, GPS and Remote Sensing

Credits: 3
This course explores advanced applications of Geographic Information Systems (GIS), global positioning systems (GPS), and remote sensing (RS). Students will apply their knowledge of spatial data to manage, symbolize, query, and analyze geospatial information. Topics include integrating GPS data with GIS, utilizing remote sensing imagery for spatial analysis, and developing projects that address real-world challenges, such as disaster management, environmental monitoring, and urban planning.
Terms offered: F, W, S
Classification: Parallel

CTC Criminal Justice

CJK0002 - Introduction to Law Enforcement

Credits: 1, Clock Hrs: 12
This is a basic course which provides an introductory overview of the officer training program and the criminal justice system, ethics and criminal justice values, sexual harassment and the chain of command.
Terms offered: F, W, S
Classification: CTC
Clock Hours: 12

CJK0016 - Communication

Credits: 1, Clock Hrs: 24
This is a basic course in which the recruit will be taught some of the fundamental of communication in law enforcement as well as professional practices needed for the occupation.
Terms offered: F, W, S
Classification: CTC
Clock Hours: 24

CJK0018 - Legal

Credits: 2, Clock Hrs: 64
This is a basic course in which the U.S. Constitutional Law and its application to public and officers are examined. Law, including evidence procedures, arrest law, search and seizure, and various statutory laws that are common to police, is studied. Various civil law applications are covered.
Terms offered: F, W, S
Classification: CTC
Clock Hours: 64

CJK0019 - Interviewing and Report Writing

Credits: 2, Clock Hrs: 56
This is a basic course in which recruits will learn how to interview pertinent parties following an incident and prepare the applicable reports.
Terms offered: F, W, S
Classification: CTC
Clock Hours: 56

CJK0020 - Law Enforcement Vehicle Operations

Credits: 1, Clock Hrs: 48
This is a basic course in which the components of the police driving environment are explored, and practical exercises on the driving range are conducted. Objectives are addressed as specified by the Criminal Justice Standards and Training Commission.
Terms offered: F, W, S
Classification: CTC
Clock Hours: 48

CJK0021 - Serving Your Community

Credits: 1, Clock Hrs: 34
This is a basic course in which recruits will learn about responding to calls that may involve people with unique challenges, people in crisis, and high-risk groups. This course provides an overview of how to respond safely to the diverse populations a recruit will encounter.
Terms offered: F, W, S
Classification: CTC
Clock Hours: 34

CJK0031 - First Aid for Criminal Justice Officers

Credits: 1, Clock Hrs: 40
This course prepares the student to apply basic first aid knowledge and techniques to emergencies.
Terms offered: F, W, S
Classification: CTC
Clock Hours: 40

CJK0040 - Criminal Justice Firearms

Credits: 3, Clock Hrs: 80
This course will introduce the student to the use of firearms including handguns and shotguns. Safety procedures and ammunition use are covered in lecture format. Instruction includes the practical exercises. Objectives are addressed as specified by the Criminal Justice Standards and Training Commission.
Terms offered: F, W, S
Classification: CTC
Clock Hours: 80

CJK0051 - Defensive Tactics

Credits: 3, Clock Hrs: 80
This is a basic course which includes the techniques used for an officer's personal safety and those necessary to subdue and then transport resisting individuals. The use of restraining devices, impact weapons and pressure points are covered. In addition, the student will receive instruction in the use of chemical agents, with practical exercises included. Objectives are addressed as specified by the Criminal Justice Standards and Training Commission.
Terms offered: F, W, S
Classification: CTC
Clock Hours: 80

CJK0063 - Fundamentals of Patrol

Credits: 1, Clock Hrs: 40
This is a basic course which addresses the daily skills and techniques that are necessary for officers to do patrol tactics and respond to various types of calls. These include electronic communications, community-oriented policing, and officer safety and survival.
Terms offered: F, W, S
Classification: CTC
Clock Hours: 40

CJK0072 - Crimes Against Persons

Credits: 1, Clock Hrs: 48
This is a basic course in which recruits will learn how to respond to, investigate and decide on courses of actions for crimes that have been committed against one's person.
Terms offered: F, W, S
Classification: CTC
Clock Hours: 48

CJK0073 - Crimes Involving Property and Society

Credits: 0.5, Clock Hrs: 12
This is a basic course in which recruits will learn how to respond to, investigate and decide on courses of actions for crimes that have been committed against property and the order of society.
Terms offered: F, W, S
Classification: CTC
Clock Hours: 12

CJK0079 - Crime Scene Follow-Up Investigations

Credits: 1, Clock Hrs: 34
This is a basic course in which recruits will learn how to establish whether a crime has been committed, conduct an investigation and collect evidence in order to establish probable cause to make an arrest.
Terms offered: F, W, S
Classification: CTC
Clock Hours: 34

CJK0093 - Critical Incidents

Credits: 1, Clock Hrs: 44
This is a basic course which includes techniques that are necessary for officers to respond to various types of critical incidents to include active shooters, hazardous materials, biological, radiological, nuclear and other weapons of mass destruction and explosive devices. This course also covers the Incident Command System.
Terms offered: F, W, S
Classification: CTC
Clock Hours: 44

CJK0096 - Criminal Justice Officer Physical Fitness Training/Law Enforcement

Credits: 2, Clock Hrs: 60
This is a basic course which will provide recruits physical fitness training that is necessary for the profession.
Terms offered: F, W, S
Classification: CTC
Clock Hours: 60

CJK0111 - Interview and Report Writing in Corrections

Credits: 0.5, 16 Clock Hrs.
This course introduces students to the importance of documentation and report writing in a correctional environment.
Terms offered: F, W, S
Classification: CTC
Clock Hours: 16

CJK0301 - Introduction to Corrections

Credits: 1, Clock Hrs.: 32
This course provides an introduction to the corrections profession, including the roles and responsibilities of correctional officers, the certification process, the structure of the criminal justice system, and considerations that impact the longevity of an officer's career.
Terms offered: F, W, S
Classification: CTC
Clock Hours: 32

CJK0306 - Communications for Correctional Officers

Credits: 1, Clock Hrs.: 32
This course provides students with the foundational knowledge of effective communication within a correctional environment, including interpersonal communication, de-escalation, and recognizing and responding to manipulation tactics.
Terms offered: F, W, S
Classification: CTC
Clock Hours: 32

CJK0321 - Intake and Release

Credits: 0.5, Clock Hrs.: 16
This course provides an overview of the intake and reception process in a correctional facility, classification and housing assignments, and explains the basic release process at county and state facilities.
Terms offered: F, W, S
Classification: CTC
Clock Hours: 16

CJK0324 - Supervision in a Correctional Facility

Credits: 1, Clock Hrs.: 32
This course provides foundational knowledge of the processes for monitoring inmates is a variety of situations, transporting inmates, and addressing disciplinary issues.
Terms offered: F, W, S
Classification: CTC
Clock Hours: 32

CJK0326 - Supervising Correctional Populations

Credits: 1, Clock Hrs.: 25
This course provides an introduction to the various populations within a correctional environment and includes information on legal aspects of providing care and custody for inmates under the Americans with Disabilities Act (ADA) and the Prison Rape Elimination Act (PREA).
Terms offered: F, W, S
Classification: CTC
Clock Hours: 25

CJK0327 - Shift Management and Safety

Credits: 0.5, Clock Hrs.: 20
This course teaches the basics of situational awareness and safety measures within a correctional environment, including equipment, security checks, searches, contraband, and maintaining general facility safety.
Terms offered: F, W, S
Classification: CTC
Clock Hours: 20

CJK0336 - Incidents and Emergencies in Correctional Facilities

Credits: 0.5, Clock Hrs.: 20
This course provides foundational knowledge in identifying and responding to critical incidents within a correctional facility.

Terms offered: F, W, S
Classification: CTC
Clock Hours: 20

CJK0340 - Officer Wellness and Physical Abilities

Credits: 1, Clock Hrs: 30
This is a basic course in which physical fitness and wellness is studied. The student will also be required to be physically evaluated using the physical fitness standards. Objectives are addressed as specified by the Criminal Justice Standards and Training Commission.
Terms offered: F, W, S
Classification: CTC
Clock Hours: 30

CJK0355 - Legal for Correctional Officers

Credits: 1, Clock Hrs.: 22
This course provides students with the foundational understanding of how case law and agency policies and procedures are important in the corrections profession.
Terms offered: F, W, S
Classification: CTC
Clock Hours: 22

CJK0393 - Crossover Program Updates

Credits: 1, Clock Hrs: 8
This course provides updated content from the applicable basic recruit training program. It is designed to deliver expanded or updated instruction on curriculum topics contained in the crossover program.
Terms offered: F, W, S
Classification: CTC
Clock Hours: 8

CJK0400 - Traffic Incidents

Credits: 0.5, Clock Hrs: 12
This is a basic course in which recruits will learn traffic law and legal terms. Recruits will also learn how to respond to and resolve incidents involving motor vehicles.
Terms offered: F, W, S
Classification: CTC
Clock Hours: 12

CJK0401 - Traffic Stops

Credits: 1, Clock Hrs: 24
This is a basic course which includes methods and skills for stopping a vehicle as a law enforcement officer.
Terms offered: F, W, S
Classification: CTC
Clock Hours: 24

CJK0402 - Traffic Crash Investigations

Credits: 1, Clock Hrs: 30
This is a basic course in which the student will study the concepts of traffic crash investigation, scene management, and reporting procedures.
Terms offered: F, W, S
Classification: CTC
Clock Hours: 30

CJK0403 - DUI Traffic Stops

Credits: 1, Clock Hrs: 24
This is a basic course which includes methods and skills for stopping a vehicle for a possible DUI violation, procedures for making a DUI stop and administering standardized field sobriety exercises.
Terms offered: F, W, S
Classification: CTC
Clock Hours: 24

CJK0421 - Conducted Electrical Weapon/ Dart Firing Stun Gun

Credits: 1, Clock Hrs: 4
This is a basic course that will provide an introductory overview of the history, nomenclature, maintenance, care and storage of the dart-firing stun gun. The student will receive instruction on the deployment options and the proper verbal skill to de-escalate a situation.
Terms offered: F, W, S
Classification: CTC
Clock Hours: 4

Criminal Justice Technology

CCJ1020 - Introduction to Criminal Justice System

Credits: 3
This course is intended to introduce the student to the American criminal justice system and process. It describes the formal components of the criminal justice system, its history of evolvement, and operations. The focus throughout is on people: the criminal offenders, the professional members, and the role of the public. The course also deals with the interaction of the members of this system with each other, the problems that exist to circumvent full cooperation between the sub-systems, and potential solutions to these problems.
Terms offered: F, W
Classification: Dual

CCJ2010 - Criminology

Credits: 3
Prerequisites: ENC 1101
A study of the causes and theories of crime and social processes in the development of the criminal. Consideration is given to the criminal act, the criminal offender, the victim, and the social context.
Terms offered: F, W, S
Gordon Rule Applies.
Classification: Dual

CCJ2013 - Criminal Victimization

Credits: 3
This course is about the victims of crime. It provides an introductory-level review of the many facets of criminal victimization and the efforts that have been made in recent years to ameliorate crime victims' pain and loss. It covers a wide range of topics including trends and interpretations of victimization research, victimization laws, programs and services, the emotional and social impact of crime, and the extent of participation by victims in the criminal justice process. The course is designed to blend theory with practical application as much as possible.
Terms offered: F, W
Classification: Parallel

CJC1000 - Crime and Punishment

Credits: 3

An introductory examination of the broad spectrum of systems, processes and people that constitute the field of corrections. The course explores where corrections in America originated, where it is today, where it seems to be going from here, and what issues need to be resolved to get there. There is an emphasis on the problems of corrections, and the student is stimulated to explore potential answers to those conflict areas. Whenever possible, practical orientations to the field of corrections are presented, on both an in-class and extra-class basis.

Terms offered: F, W

Classification: Dual

CJE2061 - Policing in America

Credits: 3

This course is designed for those students who may be considering a police career or who are already in the police service as well as those students who are not considering a career in law enforcement but are still concerned consumers of those police services. The course looks at the methods and issues, personalities and problems, and attitudes and beliefs of those persons who wear the badge. The course also addresses the primary concerns of those in the community who rely on the police for protection and service. There is a service-learning component built into the course in which the students can get a grasp of the practical aspects of everyday policing. Special emphasis is placed on the unique aspects of police work such as community policing, modern management principles, and civil liability factors. Other more critical issues that are found all too often on the front pages of our nation's newspapers such as the police subculture, excessive use of force and corruption are also addressed. In essence, this course explores in depth what the police service is doing to meet the challenges that the crime phenomena and America's serious social problems pose for them in the 21st century.

Terms offered: F, W

Classification: Dual

CJE2330 - Ethics in Criminal Justice

Credits: 3

This course is a detailed exploration of ethical issues in criminal justice with special emphasis on morality and the law, human behavior, and ethical decision making in law enforcement, corrections and the courts.

Terms offered: F, W

Classification: Dual

CJE2600 - Introduction to Forensics and Criminal Investigation

Credits: 3

A theoretical survey of the methods and techniques used by contemporary law enforcement agencies in crime investigation and their role in society. The course will include studies of such aspects as discovery of evidence and its preservation and marking, fingerprinting, identification, identification of homicide, burglary, robbery and narcotics.

Terms offered: F, W

Classification: Dual

CJJ1002 - Juvenile Delinquency

Credits: 3

This course deals with major areas of consideration, including the juvenile delinquent in society, significant problem areas in juvenile delinquency, the casual context of crime and delinquency, plus treatment and control of delinquency. It includes divergent philosophies, treatment strategies, social ramifications and trends. The course provides for practical exposure, including visits from appropriately experienced personnel and field trips to different juvenile agencies in the area.

Terms offered: F, W

Classification: Dual

CJL2130 - Criminal Law, Evidence and Procedures

Credits: 3

This course introduces students to basic individual rights under the U.S. Constitution and how these rights conflict with maintaining public order and enforcing criminal laws. The exclusionary rule, privacy, probable cause, reasonableness and rights guaranteed by the Fourth, Fifth and Sixth Amendments are addressed. Additionally, emphasis is placed on the law of arrest, search and seizure and confessions. Students are also exposed to the rules of evidence.

Terms offered: F, W

Classification: Dual

DSC1212 - Introduction to Emergency Management Systems

Credits: 3

This course introduces students to the emergency management system that provides for federal, state and county preparedness in responding to life-threatening disasters which may confront our communities. Students learn how emergency management systems and processes are organized and directed toward preparing for and responding to hurricanes, tornadoes, flooding, wildfires, earthquakes, airline crashes, terrorist attacks, nuclear power plant incidents, environmental contamination, major health hazard events, epidemics and other threats to public safety.

Terms offered: F, W

Classification: Dual

Dance

DAA1000 - Introduction to Dance

Credits: 2

This course serves as an introduction to the history, styles and techniques of dance as an art form. Students will learn basic principle techniques of ballet, modern dance and jazz, as well as gain exposure to other dance styles (tap, social dances, etc.) that are often used in stylized form in choreography for musical theatre. This course incorporates lectures and handouts, videos and movement experience into the beginning study of dance.

Terms offered: F, W

This course may be repeated for credit.

Classification: Parallel

DAA1100 - Modern Dance Techniques and Performance

Credits: 2

This course offers additional training in modern dance techniques

for students interested in performing with the Patriot Dance Ensemble who need further technical background to be ready for ensemble work. This course is also suitable for students who may want to study dance technique without the time commitment required for performing with the Dance Ensemble. Course content includes modern dance technique and preparation for performance through practice in learning choreography, both individual and group.
Terms offered: F
This course may be repeated for credit.
Classification: Parallel

DAA1101 - Modern Dance Techniques and Performance II

Credits: 2
Prerequisites: DAA 1100
This course builds upon the techniques learned in Modern Dance Techniques and Performance. It is designed to deliver instruction in more complex choreography and techniques and to prepare a student for entry into the CF Dance Ensemble. Course content includes modern dance technique and preparation for performance through practice in learning choreography, both individual and group.
Terms offered: W
This course may be repeated for credit.
Classification: Parallel

DAA1200 - Ballet I

Credits: 2
This course introduces the basic principles and techniques of classical ballet at the barre using foot, arm and body positions, including a working vocabulary of ballet movements and terminology. The course is open to all students. (0.5 hours of lecture and 2 hours of lab per week)
Terms offered: F, W
This course may be repeated for credit.
Classification: Parallel

DAA1201 - Ballet II

Credits: 2
Prerequisites: DAA 1200
Ballet II is a continuation of Ballet I. Students experience an intensification of barre work through the use of more complex coordination of the arms and legs. Ballet II provides the student with advanced basic ballet movement for dancers with a background in fundamental placement and technique. Emphasis is placed on correct body positions and correct execution of advanced basic technique. Exercises consist of barre work, stretching, center barre work with port de bras, allegro and exercises concerning rhythm, movement coordination and dance ability.
Terms offered: W
This course may be repeated for credit.
Classification: Parallel

DAA1500 - Beginning Jazz I

Credits: 2
Beginning level techniques and movement exploring a broad range of jazz dance. Elements of theater, lyrical and hip hop may be explored.
Terms offered: F, W, S
This course may be repeated for credit.
Classification: Parallel

DAA1680 - Patriot Dance Ensemble

Credits: 1
Prerequisites: DAA 1100
This course is designed to provide performing opportunities for dancers with previous performing experience and/or dance training. The ensemble is a modern dance repertory company that performs at CF and in the community. The main concert is in the spring and dancers are encouraged, but not required, to be involved through both the fall and spring academic semesters. Additional rehearsal hours may be required for featured dancers.
Terms offered: F, W, S
This course may be repeated for credit.
Classification: Parallel

DAA2501 - Intermediate Jazz I

Credits: 2
Prerequisites: DAA 1500
Intermediate level techniques and movement exploring a broad range of jazz dance. Elements of theater, lyrical and hip hop may be explored.
Terms offered: F, W, S
This course may be repeated for credit.
Classification: Parallel

DAA2540 - Musical Theatre Dance

Credits: 2
A practical study of the fundamental dance forms used in the theatre. The course is structured for the pre-theatre major but is open to all students.
Terms offered: W
This course may be repeated for credit. Classification: Parallel

Dental Assisting

DEA1135 - Dental Microbiology

Credits: 1
Prerequisites: DEA 1806L
This course is intended to familiarize the student with the role of microorganisms in health and disease. Organisms of concern to the dental practitioner/auxiliary will receive particular attention.
Terms offered: W
Classification: Occupational

DEA1151 - Dental Psychology and Communications

Credits: 1
Corequisites: DEA 1806L
This theory course introduces students to the basic psychological theories and how they relate to dental patients and workers. The course concentrates on written and verbal communication skills, and listening skills. A portion of the study gives attention to verbal and nonverbal responses and how to use those skills working with patients and dental team members.
Terms offered: W
Classification: Occupational

DEA1805L - Dental Clinic Seminar

Credits: 1
Corequisites: DES 1800
This course is designed to study clinical concepts of dental

assisting. The course includes learning the health care delivery system and health occupations, as well as the basic concepts of microbiology and their relevance to sterilization. The course also offers a segment of legal and ethical responsibilities of the dental health care worker.
Terms offered: F
Classification: Occupational

DEA1806L - Clinic Practice I

Credits: 2
Corequisites: DES 1800 and DES 1806L
This competency-based clinical course provides real-world experiences for students while incorporating skills learned in the lab courses. Students will perform basic skills at the beginning of the course but will continue to incorporate more advanced skills as they prove competency in various areas.
Terms offered: F
Classification: Occupational

DEA1855L - Clinic Practice II

Credits: 6
Prerequisites: DES 1800 and DES 1806L
Corequisites: DES 1029
The lab course requires the student to perform dental assisting duties in the dental clinic with patients. The student will function at the intermediate level of dental assisting.
Terms offered: W
Classification: Occupational

DEA1856 - Clinic III Seminar

Credits: 2
Prerequisites: DEA 1855L
Corequisites: DEA 1856L
This course is designed to allow students to reflect and share their experiences during DEA1856L Clinic Practice III. Students are expected to view patient care at an advanced level and describe symptoms, treatments, recommendations and patient education from their experiences as a dental assistant. Students are also expected to access, research and retrieve information as well as organize data using electronic media and the internet. Student will also prepare for their dental assisting national board and prepare for the dental workforce.
Terms offered: S
Classification: Occupational

DEA1856L - Clinic Practice III

Credits: 7
Prerequisites: DEA 1855L
Corequisites: DEA 1856
This course is a continuation of Clinic Practice II and provides for a realistic setting for students to practice their advanced skills as a dental assistant. Students are assigned to clinic extramural rotations and the student is expected to perform at an advanced level of dental assisting.
Terms offered: S
Classification: Occupational

DEA2033 - Oral Pathology

Credits: 2
Prerequisites: DEA 1855L and DES 1020
Corequisites: DEA 1856L
This course studies the principles of general pathology with the emphasis on those related to the oral cavity. There is a concentration on recognition of normal and abnormal conditions of the oral cavity and surrounding tissues.
Terms offered: F
Classification: Occupational

DES1020 - Head and Neck Anatomy

Credits: 2
Corequisites: DES 1030 and either DES 1800 or DEH 1000
This course is the study of skeletal, muscular, circulatory, nervous and glandular structures of the head, neck, and oral cavity.
Terms offered: F
Classification: Occupational

DES1022 - Dental Anatomy

Credits: 2
Corequisites: DES 1030 and either DES 1800 or DEH 1000
This course is the study of macroscopic anatomy and morphology of the hard and soft tissues of the oral cavity.
Terms offered: F
Classification: Occupational

DES1029 - Dental Specialties

Credits: 1
Prerequisites: DEA 1806L and DES 1800
Corequisites: DEA 1855L
The course introduces students to various types, functions and operations of dental operatory and laboratory equipment, especially in areas of surgical, pediatric, prosthodontic, orthodontic, and endodontic and periodontic dental operations.
Terms offered: W
Classification: Occupational

DES1030 - Histology and Embryology

Credits: 1
Corequisites: DES 1020
This course involves the histological and embryonic study of the development of the head and neck structures. Included is a study of morphology of tissues of the teeth and supporting structures.
Terms offered: F
Classification: Occupational

DES1050 - Dental Pharmacology

Credits: 2
Prerequisites: BSC 1080 or BSC 2085
The course is designed to familiarize the student with the basic concepts of pharmacology. Topics include the use of Physician's Desk Reference and the use, administration, indications, contraindications, adverse reactions and precautions of pharmaceutics used in dentistry.
Terms offered: W, S
Classification: Occupational

DES1051C - Dental Pain Control and Local Anesthesia with Lab

Credits: 2
Prerequisites: DES 1050
This course covers pain control in dentistry, including topical and local anesthetics, nitrous oxide sedation, and the use of analgesics. Laboratory component will introduce local anesthetics on mannequins.

Terms offered: S
Classification: Occupational

DES1100 - Dental Materials

Credits: 2
Prerequisites: DES 1800
Corequisites: DEA 1855L
This course familiarizes the student with the nomenclature, physical and chemical properties of dental materials and the manipulations of these materials. The topics are gypsum, restorative materials, impression materials, dental waxes and acrylics.
Terms offered: W
Classification: Occupational

DES1100L - Dental Materials Lab

Credits: 1
Prerequisites: DEA 1806L and DES 1800
Corequisites: DES 1100
The laboratory course requires students to apply the principles learned in DES 1100 Dental Materials. Students will manipulate materials and demonstrate competency in the dental materials.
Terms offered: W
Classification: Occupational

DES1200 - Dental Radiology

Credits: 2
Prerequisites: DES 1020 and DES 1800
Corequisites: DES 1200L
This theory course provides the student with the fundamental knowledge of physical and biological effects and safety methods exposing, processing, mounting and evaluating radiographs.
Terms offered: W
Classification: Occupational

DES1200L - Dental Radiology Lab

Credits: 1
Prerequisites: DES 1020 and DES 1800
Corequisites: DES 1200
This course provides the student with laboratory experiences in exposing, processing, mounting and evaluating diagnostic radiographs including digital radiographs.
Terms offered: W
Classification: Occupational

DES1502 - Dental Office Management

Credits: 2
This course introduces the student to the elements of efficient and productive dental office management skills including phone skills, patient records management, recall systems, appointment control, resume writing, inventory control, bookkeeping and insurance management. There is a computer component to the course.
Terms offered: W, S
Classification: Occupational

DES1600 - Dental Office Emergencies

Credits: 1
Corequisites: DEA 1806L
This course provides the student with the knowledge base and practice in basic emergency management of dental office emergencies. The student will be able to recognize signs and symptoms of emergency conditions and understand the treatment required for the patient.
Terms offered: F
Classification: Occupational

DES1800 - Introduction to Clinical Procedures

Credits: 3
Corequisites: DES 1806L
This lecture core course introduces the student to the practice of chairside dental assisting. The course will provide skills in recording medical/dental history, vital signs, instrument transfer, sterilization/asepsis, intro/extra oral exams, charting and assisting the dental team for restorative and preventive dentistry.
Terms offered: F
Classification: Occupational

DES1806L - Introduction to Clinical Procedures Lab

Credits: 1
Corequisites: DEA 1806L and DES 1800
This course is a comprehensive course designed for the student to participate in chairside assisting in a lab environment. The course is competency based and provides practice of skills necessary to function as a vital role in the dental office. Students will also demonstrate sterilization techniques, infection control, record taking, dental charting and more.
Terms offered: F
Classification: Occupational

DES1840 - Preventive Dentistry

Credits: 2
Prerequisites: DEA 1806L
Corequisites: DEA 1855L
This course introduces students to the practice of preventive dentistry by understanding the methods of plaque control, patient education and fluoride applications. There is an emphasis on developing preventive programs for the dental office and community.
Terms offered: F, W
Classification: Occupational

DES2832C - Expanded Functions with Lab

Credits: 2
Prerequisites: DEA 1855L and DES 1100
Corequisites: DEA 1856L
The course will concentrate on the advanced dental duties expected of a certified dental assistant. This would include sealants, placement and removal of rubber dams, polishing of clinical crowns, fabrication of temporary crowns, placement and removal of matrix bands, and amalgam polishing.
Terms offered: S
Classification: Occupational

Dental Hygiene

DEH1000 - Introduction to Dental Hygiene

Credits: 2
Corequisites: DEH 1000L
Course topics include the dental hygiene profession, infection control procedures to prevent disease transmission, OSHA and CDC compliance, patient assessment skills, dental operatory equipment operation and maintenance, data collection, moisture control and instrument Identification and transfer. Emphasis will also be placed on oral health and disease, various dental deposits

and the effects on oral health will be introduced for application in subsequent clinical courses.
Terms offered: F
Classification: Occupational

DEH1000L - Introduction to Dental Hygiene Lab

Credits: 1
Corequisites: DEH 1000
Clinical application of information covered in DEH 1000. Students perform clinical assessment procedures on student partners to develop clinical skills and perform acceptable infection control procedures to prevent disease transmission, patient assessment skills, dental operatory equipment operation and maintenance, data collection, moisture control and instrument identification and transfer.
Terms offered:
Classification: Occupational

DEH1003 - Fundamentals of Dental Hygiene and Instrumentation

Credits: 1
Prerequisites: DEH 1000 and DES 1800 and DES 1806L
Corequisites: DEH 1003L
This course is designed to provide the student with knowledge of the basic principles of instrument design and instrumentation in the oral cavity. Continued study of dental deposits; introduction of prevention of dental caries and periodontal disease. The dental hygiene care plan, evaluation, and documentation will be discussed.
Terms offered: F
Classification: Occupational

DEH1003L - Fundamentals of Dental Hygiene and Instrumentation Lab

Credits: 1
Prerequisites: DEH 1000 and DES 1800 and DES 1806L
Corequisites: DEH 1003
This course is designed for the student to apply basic principles of instrumentation, instrument design, and fundamental dental hygiene skills in the clinical setting. Students perform clinical procedures on student partners and mannequins to develop instrumentation and other clinical skills.
Terms offered: F
Classification: Occupational

DEH1602 - Periodontology I

Credits: 2
Corequisites: DEH 1800 and DEH 1800L
This course presents the tissues of the periodontium and the effects of gingival and periodontal disease processes. Includes disease classification, clinical assessment and treatment planning for disease management with an emphasis on surgical and non-surgical therapies and related treatment.
Terms offered: F
Classification: Occupational

DEH1800 - Dental Hygiene I

Credits: 1
Prerequisites: DEH 1003 and DEH 1003L
Corequisites: DEH 1800L
This course is a continuation of DEH 1003 with advanced topics including ultrasonic instrumentation, root debridement, treatment planning, recall, instrument sharpening, and desensitization of root surfaces, air abrasive polishing, placement of anesthesia and syringe preparation.
Terms offered: W
Classification: Occupational

DEH1800L - Dental Hygiene Clinic I

Credits: 3
Prerequisites: DEH 1003 and DEH 1003L
Corequisites: DEH 1800
Students begin patient care in dental hygiene clinic with emphasis on patient assessment for completion of the dental hygiene diagnosis, care planning, and treatment. Time allotted for clinical seminar.
Terms offered: W
Classification: Occupational

DEH1802 - Dental Hygiene II

Credits: 1
Prerequisites: DEH 1800 and DEH 1800L
Corequisites: DEH 1802L
This course is designed to further the student's knowledge of dental hygiene practice introduced in DEH 1800 including ultrasonic instrumentation, theory and technique of instrument sharpening, dental hygiene care planning, dental charting and patients with special needs, domestic violence and child abuse.
Terms offered: S
Classification: Occupational

DEH1802L - Dental Hygiene Clinic II

Credits: 4
Prerequisites: DEH 1800 and DEH 1800L
Corequisites: DEH 1802
The course is designed to emphasize increasing skill in patient care, instrumentation, and radiographs. Students perform additional clinical services such as pit and fissure sealants and alginate impressions. Selected off-campus clinical sites may be used to enhance clinical experience with special patients. Time allotted for clinical seminar.
Terms offered: S
Classification: Occupational

DEH2293 - Professional Development

Credits: 2
Corequisites: DEH 2806L
This course is designed to assist the dental hygiene student in the transition from an academic environment to a work setting. Topics will include: career and degree completion options, resume and job interview, professional behavior, ethics, the law and jurisprudence, quality assurance, prevention of medical errors, and preparation for the DH National Board Exam, the ADEX DH Clinical Exam, The Florida Laws and Rules Exam and procedures for applying for Florida DH licensure and local anesthesia certification. Schedule will remain flexible to accommodate guest speakers. Taken the last semester prior to graduation.
Terms offered: W
Classification: Occupational

DEH2702C - Community and Public Dental Health and Lab

Credits: 3
Community and Public Dental Health provides the dental hygiene

student with information and skills in oral hygiene education, statistics and community dental health. This course provides the student with information and skills for interpreting scientific research, and literature and educational and service program planning, implementation and evaluation on all ages. Additionally, information is provided about principles of epidemiology; needs, demands and utilization concepts, and the financing of dental care. The lab portion gives the student opportunity to apply the concepts and methods learned to a community project which students design and implement.
Terms offered: F
Classification: Occupational

DEH2804 - Dental Hygiene III

Credits: 1
Prerequisites: DEH 1802 and DEH 1802L
Corequisites: DEH 2804L
Includes the study of case documentation and intraoral photography. Continue study of treatment considerations for medically compromised patients. Time allotted for case studies and clinical seminars.
Terms offered: F
Classification: Occupational

DEH2804L - Dental Hygiene III Clinic

Credits: 4
Prerequisites: DEH 1802 and DEH 1802L
Corequisites: DEH 2804
Emphasizes increasing proficiency in oral prophylaxis, radiographic techniques, and patient care. Continued development of skills in root debridement, dietary analysis, diagnostic models, and use of chemotherapeutics. Students prepare case documentation on a selected clinical patient and participate in patient care at off-campus sites for enhancement of learning. Time allotted for clinical seminar.
Terms offered: F
Classification: Occupational

DEH2806 - Dental Hygiene Theory IV

Credits: 1
Prerequisites: DEH 2804 and DEH 2804L
Corequisites: DEH 2806L
Classroom setting is a forum for discussion of treatment planning considerations as the student progresses in the curriculum which allows for the integration of theoretical knowledge and clinical treatment. Students are challenged with increasing case difficulty in the clinical setting. Topics include self and peer assessment, application of evidence-based dental research, motivational interviewing in patient counseling and case presentation. Schedule will remain flexible to accommodate guest speakers.
Terms offered: W
Classification: Occupational

DEH2806L - Dental Hygiene Clinic IV

Credits: 4
Prerequisites: DEH 2804 and DEH 2804L
Corequisites: DEH 2806
Dental Hygiene Clinic IV is the final clinical component prior to graduation. Patient treatment continues in a variety of settings with an increasingly challenging group of patients. Students will be expected to utilize assessment skills and function with increasing independence and speed. A variety of clinical settings will be utilized to enhance clinical experiences. Students will provide oral health care to patients from the community.
Terms offered: W
Classification: Occupational

Digital Media

DIG1950 - Digital Media Co-Op II

Credits: 1
Prerequisites: DIG 1949
This course is intended to provide a work experience setting in which students in the digital media program can apply the material and concepts learned. Students may choose to work with a group of other students on a team-based project or to identify an individual work experience opportunity that closely reflects the digital media industry they are training specifically to work within. This experience may be paid or unpaid.
Terms offered: W
This course may be repeated for credit. Classification: Dual

DIG2000 - Introduction to Digital Media

Credits: 3
This course introduces the theory and practice of creating art with digital tools. Students will utilize industry standard digital imaging, sound design and animation programs. The basic theory and techniques of creating digital images with digital cameras and scanners will be covered. Capturing and editing digital audio will also be covered, plus the fundamentals of digital video. The course includes hands-on projects in image creation and editing, sound creation and editing, plus animation. It will stress the conceptual, aesthetic and technical concerns of digital media, emphasizing creativity and experimenting with the medium. The class will also provide an overview of the field of digital media art by exploring the works of prominent digital artists and a wide variety of career paths in the digital arts.
Terms offered: F, W, S
Classification: Parallel

DIG2100 - Web Design I

Credits: 3
Corequisites: CGS 1100
This hands-on class introduces the basics of Web coding and design using current standards in HTML, CSS, JavaScript and other emerging technologies. Students design and code web pages with graphics, text, cascading style sheets, scripts and other technologies as well as designing and coding pages with multimedia content including sound and video.
Terms offered: F
Classification: Parallel

DIG2101 - Web Design II

Credits: 3
Prerequisites: DIG 2100
In this course students will utilize research into client needs to construct web-based solutions with an emphasis on the development of a clear user interface (UI) and intuitive user experience (UX). The ever-changing landscape of final user resolutions and device capabilities will be examined as will the user-to-owner information flow. Emerging technologies will be explored as they become part of the web design landscape as will mobile-only and mobile-first design techniques.

Terms offered: F, W
Classification: Parallel

DIG2109C - Digital Imaging and Fundamentals

Credits: 3
Prerequisites: DIG 2000
This course introduces students to industry standard practices and production pipelines for creating advanced digital images using Adobe Photoshop, Adobe Illustrator, Adobe InDesign and Adobe After Effects and Autodesk Maya. We will explore the tools and techniques needed to model a wide array of characters, objects, architectures and environments. Students will build a strong understanding of the methods and principles of creating artistic imagery of 2D design layout and 3D geometry.
Terms offered: F, W
Classification: Parallel

DIG2280C - Digital Video and Sounds

Credits: 3
This course will provide an in-depth study of digital video, animation and sound as a form of art. Students will participate in all aspects of video and audio production including scripting, storyboarding, shooting video, recording audio, editing, post-production effects, and screening of final works. Digital video is the main focus of this class, but alternative options to creating moving images will be explored as well. The course also includes the history of video as an expressive and communicative art form and exploration of the increasingly ubiquitous presence that digital video and sound plays in our daily lives.
Terms offered: F, W
Classification: Parallel

DIG2500 - Fundamentals of Interactive Media and Web Design

Credits: 3
Prerequisites: DIG 2109C
This class explores the history, theory and practice of web-based and interactive art. The internet has become a part of our everyday lives and has presented us with a wide array of new tools to develop and share creative content. We will utilize the tools of web and videogame design to create experimental interactive art works that create unique aesthetic/conceptual experiences for the user. We will investigate the roles played by artists in networked environments and the manner in which their work has created new ways of thinking about interactivity. Students combine audio, video, imaging, animation and other media to build an interactive product using industry-standard software.
Terms offered: F, W
Classification: Parallel

DIG2592 - Advanced Web Design

Credits: 3
Prerequisites: DIG 2101
In this course students continue to build upon previously gained skills to design and develop full working websites using a variety of technologies. Special attention is paid to developing a positive user experience through the design of an effective user interface, logical information architecture and visually appealing graphics. Finally, students will produce experimental websites that push the envelope on contemporary web and interactive design.
Terms offered: W
Classification: Parallel

GRA2100 - Introduction to Graphic Design

Credits: 3
Corequisites: DIG 2000
This course emphasizes use of computers in creating graphic design artwork, including rendering, layout, use of typography, and demonstrating the computer as a graphic production and image-creation tool. Students will design graphic visual communication products such as flyers, advertisements, logos, icons, etc. The use of raster-based image editing programs such as Photoshop, vector-based drawing tools such as Illustrator, page layout applications such as InDesign (and other software applications as industry standards change over time) will be explored. Industry-specific nomenclature will be a specific topic.
Terms offered: F, W, S
Classification: Parallel

GRA2120C - Paper Design and Layout (Adobe InDesign)

Credits: 3
Corequisites: DIG 2000
This course provides a study of the placement of visual elements in page development. This includes the manipulation of images, text, color, and other graphic elements to create a finished product that incorporates the principles of good design, layout, and aesthetics. Students use systematic, cumulative, and conceptual design processes to develop effective and creative layout solutions. Industry-standard software is used for page layout and composition. Students explore theories of design, spatial relationships, idea representation, page elements, and visual and conceptual communication. Students integrate images, illustrations, typography, and display and other elements to create brochures, advertisements, flyers, menus, books, and other products for the printed and projected page.
Terms offered: W
Classification: Parallel

GRA2123 - Packaging Design

Credits: 3
Prerequisites: GRA 2100
An introduction to the basic procedures involved in preparing packaging design, promotional items, and point-of-sale displays. Students will conduct research into the history of packaging along with the societal and ecological impacts of various aspects of packaging such as consumer safety, environmental impact, transportation costs, no-glue packaging designs, etc. Students will work with physical materials to construct three-dimensional packaging solutions.
Terms offered: F, W, S
Classification: Parallel

GRA2144 - Web Design for Graphic Designers

Credits: 3
Prerequisites: GRA 2100
This course includes the design and preparation of websites using industry-standard software and technologies. Focus is from a graphic design point of view and the emphasis is on the importance of web page design and layout. Accessibility concerns such as color, contrast, type size, etc. will be explored. Students will be required to provide own web hosting services through third party vendors (this hosting will later be used for hosting students' final portfolio in GRA 2180).

Terms offered: F, W
Classification: Parallel

GRA2150C - Raster Based Image Editing (Adobe Photoshop)

Credits: 3
Prerequisites: DIG 2109C
In this course, students create, edit, manipulate, retouch, restore, and enhance images, drawings, and photographs using pixel-based editing applications. Additionally, students employ advanced techniques to manipulate multilayered images for the creation of visually compelling compositions. Industry standard software is used.
Terms offered: F, W, S
Classification: Parallel

GRA2156C - Digital Illustration Vector Based (Adobe Illustrator)

Credits: 3
Prerequisites: DIG 2109C
This course provides students with the opportunity to advance their design skills by using vector illustration to explore visual, conceptual, and technical expressions of digital media. The course builds upon students' previous study of digital design and image editing to focus on vector-based media and concepts. The curriculum includes implementation of basic creative options such as image creation and manipulation, color usage, drawing, typography, and retouching through the use of layers and selection methods. Industry standard software is used.
Terms offered: W
Classification: Parallel

GRA2177 - Corporate Branding and Identity

Credits: 3
Corequisites: DIG 2000 and GRA 2206 and GRA 2156C
This course explores the most valuable property any business owns: Its brand. Students will explore the interaction between the visual identity of a brand (logo, color scheme, packaging, etc.) and the company/product/service the brand represents and how they both interact with consumers and other stakeholders. While the course will emphasize visual aspects of branding, various non-tangible aspects of brands like consumer experience, product support, ease of use, attitudes of employees, and past histories can affect the value of a brand will be examined. Students will develop a corporate identity from an interview with a client about the client's need to a fully-realized corporate branding manual.
Terms offered: F, W, S
Classification: Parallel

GRA2180 - Graphic Design Capstone/ Portfolio Development

Credits: 1
Prerequisites: GRA 2100
Students will assemble work completed in and out of class into a printed portfolio (students will be required to purchase an appropriate portfolio binder) and a web-based portfolio (students will use the web hosting service they purchased in GRA 2144 to host their online portfolio). The course will culminate in the presentation of each students' work to an audience of industry professionals and various members of the faculty and school staff. Permission of instructor is required.
Terms offered: F, W, S
Classification: Parallel

GRA2206 - Principles of Typography

Credits: 3
Corequisites: GRA 2100
The fundamentals and principles of typography are studied, including printers' measurements, copy fitting, selection and impact of different typefaces, and proofreading. Students will explore typefaces by category, weight, family, point size and purpose. Similarities and contrasts between typefaces will be explored. Experimental projects will explore the "edge of readability" and its impact upon communication. Type-only layouts and projects will be explored.
Terms offered: F, W
Classification: Parallel

GRA2751C - Visual Design for Web

Credits: 3
Corequisites: DIG 2100
This course provides a study of visual webpage design and internet architecture. Students are introduced to universal design concepts and procedures for planning visually appealing, functional websites.
Terms offered: W
Classification: Parallel

Education

EDF2005 - Introduction to the Teaching Profession

Credits: 3
Prerequisites: ENC 1101
This course provides an overview of Florida's educator certification pathways and career options in education in accordance with Florida Statutes. Topics include: key educational philosophies; professional ethics; legal responsibilities, including mandatory reporting for child abuse and neglect; the Florida Educator Accomplished Practices (FEAP); key instructional practices associated with effective teaching of students with exceptionalities; Florida's state academic standards; and historical, legal and financial foundations of the Florida education systems. Students will explore effective teaching strategies in classroom management, educational technology and the foundations of all student learning needs. Includes a minimum of 15 hours of required clinical experience in a variety of school settings.
Terms offered: F, W, S
Gordon Rule Applies.
Classification: Parallel

EDG1413C - Classroom Management

Credits: 3
This course is designed to help teachers, prospective teachers, and teacher's aides in establishing positive classroom environments and programs. Students will become familiar with a variety of classroom management strategies. Areas of study include designing the physical environment, establishing norms for behavior, encouraging student motivation and accountability, cooperative learning, principles for dealing with inappropriate behavior, working with students' families and working with students with special needs.
Classification: Dual

EDG2301 - Instructional Strategies and Classroom Management

Credits: 3
This course will focus on instructional and classroom management strategies to create safe and effective learning environments. Topics include planning techniques, differentiated instruction and assessment strategies, effective teaching strategies, formal and informal assessment strategies, safe and equitable classroom management strategies and time management. In order to include the needs of diverse learners the course incorporates techniques to accommodate diverse student population (ELLs, culturally diverse and students with disabilities).
Terms offered: F, W, S
Classification: Parallel

EDP2002 - Educational Psychology

Credits: 3
An introduction to theories of learning and the literature dealing with education from preschool to college level, including principles of development, motivation, problem-solving, measurement, memory, intelligence and self-concept.
Terms offered: F, W, S
Classification: Parallel

EME2040 - Introduction to Technology for Educators

Credits: 3
Application of instructional design principles for the use of technology to enhance the quality of teaching and learning in the classroom. The course includes hands-on experience with educational media, emerging technologies, and hardware, software, and peripherals for the personal computer as well as data-driven decision-making processes.
Terms offered: F, W, S
Classification: Parallel

RED2010 - Foundations of Reading

Credits: 3
This introductory reading methods course allows students to understand the principles, procedures and current research-based practices for teaching and assessing reading. Reading is a critical skill and must be taught efficiently, and this course offers techniques and strategies for the future educator to understand and eventually implement.
Terms offered: F, W, S
Classification: Parallel

TSL2084 - Introduction to ESOL Principles and Practices

Credits: 3
This course is designed to provide an overview of English to Speakers of Other Languages, ESOL, principles and practices to educators. Through this process, the students will gain the necessary foundation to meet the instructional needs and demands of culturally and linguistically diverse students in the K-12 classroom. Additionally, it incorporates effective instructional strategies, as well as methods in differentiated instruction, accommodations, and assessment.
Terms offered: W, S
Classification: Parallel

TSL2522 - ESOL Foundations: Language and Culture

Credits: 3
This course is designed to help future teachers develop a strong foundation in the relationship between language, culture, and learning for Multilingual Learners. Teacher candidates will explore key theories of culture and second language acquisition, gaining insight into how language functions as a system and how cultural factors influence language development. The course also examines the various elements that impact how Multilingual Learners acquire English and build literacy skills. Content and objectives are aligned with ESOL Domain 1: Culture (Cross-Cultural Communications) to satisfy the necessary requirements for teacher certification.
Terms offered: S
Classification: Parallel

Emergency Medical Service

EMS1119 - Fundamentals of Emergency Medical Technology

Credits: 7
Corequisites: EMS 1119L and EMS 1354C and EMS 1431
This course is designed to prepare the basic Emergency Medical Technician in accordance with U.S. Department of Transportation curriculum and state of Florida EMS guidelines. Includes an introductory survey of emergency medical services including medical, legal and ethical aspects, role of the EMT, patient assessment, care of wounds and fractures, airway maintenance, medical and environmental emergencies, patient transportation, emergency childbirth, and basic extrication. Successful completion of corequisites provides eligibility to take the national and Florida state EMT certification examinations.
Terms offered: F, W, S
Classification: Occupational

EMS1119L - Fundamentals of Emergency Medical Technology Skills Laboratory

Credits: 2
Corequisites: EMS 1119 and EMS 1354C and EMS 1431
Lab practice and testing of basic Emergency Medical Technician skills included in the Department of Transportation EMT curriculum and state of Florida EMS guidelines. Skills include focused history, patient assessment, triage, airway maintenance, bandaging, splinting, emergency childbirth and basic extrication. Successful completion of corequisites leads to eligibility to take the national and Florida state EMT certification examinations. Health and accident insurance recommended.
Terms offered: F, W, S
Classification: Classification: Occupational

EMS1335 - Emergency Vehicle Operators Course

Credits: 1
This course is designed to meet Florida state (Florida Statute 401.281, 316.003 (1) F.S.) and Florida Administrative Code 64J-1.013 requirements for safe emergency vehicle operations. This 16-hour class combines both didactic and practical (driver training) aspects of instruction in preparation for emergency vehicle operations. A valid Florida driver's license or equivalent is required.
Terms offered: F, W, S
Classification: Occupational

EMS1354C - Emergency Field Operations

Credits: 1
Corequisites: EMS 1119 and EMS 1119L and EMS 1431
This course has two components. The first provides students with the required hazardous materials response training for a Level I responder. The second provides them with basic training in weapons of mass destruction response.
Terms offered: F, W, S
Classification: Occupational

EMS1431 - EMT Hospital/Field Experience

Credits: 2
Corequisites: EMS 1119 and EMS 1119L and EMS 1354C
Practical application of EMT clinical knowledge and skills under professional supervision. Provides for directed experiences in local hospitals and health facilities, and field observation and experience in emergency vehicles. Successful completion of corequisites provides eligibility for Florida EMT certification examination. Health and accident insurance recommended. Liability insurance required. Valid driver's license required. Clinical, ambulance (36-39 hours) and emergency room (4-12 hour shifts = 48 hours).
Terms offered: F, W, S
Classification: Occupational

EMS2010 - EMS Anatomy and Physiology

Credits: 3
This course is designed to develop the knowledge of human anatomy and physiology necessary for the student to provide prehospital care. This course meets the anatomy and physiology objectives found in the national Department of Transportation Paramedic curriculum. Florida EMT certification is required prior to enrolling in this course.
Terms offered: F, W, S
Classification: Occupational

EMS2610 - Introduction to Paramedic

Credits: 2
This introductory course to the Paramedic program includes: EMS roles and responsibilities, the safety and well-being of the paramedic, injury and illness prevention, legal and ethical issues, therapeutic communication and life span development. Florida EMT certification is required prior to enrolling in this course.
Terms offered: F, W, S
Classification: Occupational

EMS2611 - Paramedic Fundamentals

Credits: 2
Corequisites: EMS 2611L
This course will provide the student with basic essential knowledge needed to perform paramedic duties. This course will include an introduction of pathophysiology and pharmacology. Emphasis is placed on dosage calculation and medication administration, IV therapy and IV complications. Florida EMT certification is required prior to enrolling in this course.
Terms offered: F, W, S
Classification: Occupational

EMS2611L - Paramedic Fundamentals Skills Lab

Credits: 2
Corequisites: EMS 2611
In this course, the student demonstrates, in a lab environment, the psychomotor skills necessary for being paramedics. These include use of body substance isolation equipment, medication administration, IV therapy and troubleshooting, history taking, physical assessment, documentation skills, communication skills, and the recognition and treatment of shock. Florida EMT certification is required prior to enrolling in this course.
Terms offered: F, W, S
Classification: Occupational

EMS2612 - Paramedic Airway Management and Ventilation

Credits: 1
Corequisites: EMS 2612L
This course will teach the student how to establish an airway and maintain a patient's airway, oxygenate and ventilate a patient and the safety factors involved. Also included: pulmonary circulation and respiration process, identifying respiratory distress, suctioning the airway, uses of oral and nasal airways, insertion of NG tube, using a B-V-M, use of ETT, and other advanced airway support techniques. Florida EMT certification is required prior to enrolling in this course.
Terms offered: F, W, S
Classification: Occupational

EMS2612L - Paramedic Airway Management and Ventilation Lab

Credits: 1
Corequisites: EMS 2612
In this lab, the student will learn to use oxygen equipment, oral and nasal airways and intubate. Safety precautions are stressed for adults and children. Florida EMT certification is required prior to enrolling in this course.
Terms offered: F, W, S
Classification: Occupational

EMS2613 - Paramedic Patient Assessment

Credits: 1
Corequisites: EMS 2613L
This course will prepare the student to appropriately evaluate a patient and develop a treatment plan based upon the evaluation. Topics include history taking, techniques of physical examination, patient assessment, clinical decision-making, communication and documentation. Therapeutic communication will be stressed, as well. Florida EMT certification is required prior to enrolling in this course.
Terms offered: F, W, S
Classification: Occupational

EMS2613L - Paramedic Patient Assessment Lab

Credits: 1
Corequisites: EMS 2613
In the lab, this course will provide the student the ability to practice doing patient assessment across the life span. Topics include history taking, techniques of physical examination, patient assessment, clinical decision-making for one and a group of patients, communication and documentation skills. Therapeutic communication will also be stressed. Florida EMT certification is required prior to enrolling in this course.
Terms offered: F, W, S
Classification: Occupational

EMS2614 - Trauma Emergencies

Credits: 2

Corequisites: EMS 2614L

This course is designed to give the student an in-depth study in pathophysiology and management of trauma for adults and children. The focus is assessment of the trauma patient, management of hemorrhage and shock, head and facial, thoracic, abdominal, spinal and CNS injuries, musculoskeletal injuries, multisystem trauma injuries, burns, special airway problems and current trends in trauma management. Florida EMT certification is required prior to enrolling in this course.

Terms offered: F, W, S

Classification: Occupational

EMS2614L - Trauma Emergencies Lab

Credits: 1

Corequisites: EMS 2614

This course is designed to give the student the opportunity to effectively manage the essential skills and tasks such as assessment and management of hemorrhage, shock, burns, soft tissue trauma, head, facial, spinal, thoracic, abdominal and musculoskeletal trauma. Florida EMT certification is required prior to enrolling in this course.

Terms offered: F, W, S

Classification: Occupational

EMS2615 - Medical Emergencies I

Credits: 3

Corequisites: EMS 2615L

This course teaches emergency care of children and adults with cardiac and pulmonary problems. Pharmacological agents for these conditions are calculated. Recognition and treatment modalities for dysrhythmias are covered. Adults and children with special challenges in sensory and mobility limitations are also a focus of this class. Florida EMT certification is required prior to enrolling in this course.

Terms offered: F, W, S

Classification: Occupational

EMS2615L - Medical Emergencies Lab I

Credits: 2

Corequisites: EMS 2615

In this lab, students will learn to use an electrocardiogram, EKG, intubation (adults and children) and ventilation equipment. Abnormal EKG readings and appropriate interventions are covered. IV administration for cardiac and pulmonary medications is practiced. Cardiac and respiratory arrest drills are held. Use of ventilators, cricothyrotomy and chest decompression are practiced. Implementation of special challenged persons' needs during life threatening situations is also practiced. Florida EMT certification is required prior to enrolling in this course.

Terms offered: F, W, S

Classification: Occupational

EMS2618 - EMS Operations

Credits: 1

This course will give the students an overview of how the EMS system is managed and specific areas of EMS operations. The course will also include medical incident command, hazardous materials incidents, rescue, and crime scene awareness. Florida EMT certification is required prior to enrolling in this course.

Terms offered: F, W, S

Classification: Occupational

EMS2619 - Medical Emergencies II

Credits: 3

Corequisites: EMS 2619L

This course focuses on the emergency care of adults and children with the following conditions: neurological, endocrine, allergies, gastrointestinal, renal, toxicology, hematology, environmental and infectious diseases. Geriatric adaptation is covered. The pharmacological agents for these conditions are also covered. Florida EMT certification is required prior to enrolling in this course.

Terms offered: F, W, S

Classification: Occupational

EMS2619L - Medical Emergencies II Lab

Credits: 1

Corequisites: EMS 2619

This course is designed to give the students hands-on practice in the lab setting for using equipment and skills related to those topics presented in the didactic portion of Medical Emergencies II. Emphasis will be on neurology, endocrinology, allergies and anaphylaxis, gastroenterology, renal, urology, toxicology, hematology, environmental conditions, infections and communicable diseases, pediatrics and geriatrics, and acute intervention for the chronic care patient.

Terms offered: F, W, S

Classification: Occupational

EMS2628 - Paramedic OB/GYN Neonatal Emergencies

Credits: 1

Corequisites: EMS 2628L

This course is designed to instruct students in normal and abnormal obstetric deliveries, and to deal with specifics of neonatal emergencies. Covers assessment of the gynecological patient, gynecological emergencies, complications of pregnancy, routine care of the neonate, and care of the distressed infant. Florida EMT certification is required prior to enrolling in this course.

Terms offered: F, W, S

Classification: Occupational

EMS2628L - Paramedic OB/GYN Neonatal Emergencies Lab

Credits: 1

Corequisites: EMS 2628

In this lab, students will practice the skills necessary to assess emergency gynecologic and obstetric conditions, assist with an emergency delivery and reactivate a distressed newborn. Florida EMT certification is required prior to enrolling in this course.

Terms offered: F, W, S

Classification: Occupational

EMS2630 - Behavioral Emergencies

Credits: 1

The student will learn to recognize and cope with behavioral emergencies including emotional, suicidal, chemical and drug related. Patient and personal safety methods are taught. Legal implications are discussed. Florida EMT certification is required prior to enrolling in this course.

Terms offered: F, W, S

Classification: Occupational

EMS2645 - Paramedic Clinical Experience II

Credits: 2
This course is the application of knowledge, skills and values assimilated in Medical Emergencies I and II and Trauma Emergencies. Using the background in the previous semester, the student will enhance assessment skills and treatment plans to the patients in a less-controlled environment. Clinical skills will include improving assessment skills, airway management skills, and venous access skills. In addition, the student will begin to develop field impressions and identify treatment plans appropriate to findings from patient assessment and history. Florida EMT certification is required prior to enrolling in this course.
Terms offered: F, W, S
Classification: Occupational

EMS2646 - Paramedic Clinical Field Experience

Credits: 2
Prerequisites: EMS 2010 and EMS 2611 and EMS 2611L and EMS 2612 and EMS 2612L and EMS 2613 and EMS 2613L and EMS 2656
This course is the application of knowledge, skills and values assimilated in Medical Emergencies I and Trauma Emergencies in a field environment on ambulances and/or EMS rescue units. The focus of this course is to introduce students to the operations and logistics associated with working within the EMS work environment. The student will continue to enhance assessment skills while developing field impressions and identifying patient treatment plans appropriate to the EMS work environment. Florida EMT certification is required prior to enrolling in this course.
Terms offered: F, W, S
Classification: Occupational

EMS2656 - Paramedic Clinical I

Credits: 4
This course is the application of knowledge, skills and values assimilated in patient assessment, fundamentals, behavioral emergencies and airway management classes to actual patients in structured environments. Clinical skills include patient assessments and evaluation, vital signs management, development of airway management skills, communications skills, IV skills, assessment and evaluation of patients with mental health emergencies, assessment and evaluation of obstetrical emergencies, various other skills necessary for patient care, and development of safety practices. Florida EMT certification is required prior to enrolling in this course.
Terms offered: F, W, S
Classification: Occupational

EMS2658 - Paramedic Clinical Experience III

Credits: 5
This final clinical course prepares the student to become an entry-level paramedic. With supervision, the student will learn to function independently as a team leader on a mobile intensive care unit. The student will have a variety of opportunities to hone skills and techniques to manage prehospital patients. Advanced Cardiac Life Support (noncredit) is also required for this course. Florida EMT certification is required prior to enrolling in this course.
Terms offered: F, W, S
Classification: Occupational

English Literature and Journalism

AML2010 - Survey of American Literature I

Credits: 3
Prerequisites: ENC 1101
Corequisites: ENC 1102
An introductory survey of American literature from the 17th century through the 19th century, including poetry, fiction, nonfictional prose and drama by major authors such as Poe, Hawthorne, Melville, Emerson, Thoreau and Whitman. May be taken for credit without AML 2020.
Terms offered: F, W, S
Gordon Rule Applies.
Classification: Parallel

AML2010H - Honors Survey of American Literature I

Credits: 3
Prerequisites: ENC 1101
Corequisites: ENC 1102
This course is designed for students capable of intensive study and discussion of a variety of representative selections from American literature, including poetry, fiction, nonfictional prose and drama by major authors such as Poe, Hawthorne, Melville, Thoreau and Dickinson from the beginning of America through the 19th century. May be taken for credit without AML 2020. Selective admission.
Terms offered: F, W, S
Gordon Rule Applies.
Classification: Parallel

AML2020 - Survey of American Literature II (19th-20th Centuries)

Credits: 3
Prerequisites: ENC 1101
Corequisites: ENC 1102
A continuation of AML 2010, this course is an introductory survey of American literature from the 19th century through the present, including fiction, poetry, nonfictional prose and drama by major authors such as Twain, Fitzgerald, Faulkner, Eliot, Frost and Stevens.
Terms offered: F, W, S
Gordon Rule Applies.
Classification: Parallel

CRW2001 - Creative Writing I

Credits: 3
Prerequisites: ENC 1101
In this course, the student will examine and practice the fundamentals of great poetry and fiction through the study of many masters. This course also involves many workshops in which the student will learn how to move from first draft to final product by practicing the arts of listening, criticism and revision. Students will compile a portfolio exhibiting their best work over the course of the semester.
Terms offered: F, W, S
Gordon Rule Applies.
Classification: Parallel

CRW2002 - Advanced Creative Writing

Credits: 3
Prerequisites: CRW 2001 and ENC 1101
This course builds on skills developed in CRW 2001 through study

and emulation of masters who defy the conventions of their respective genres, push boundaries and take risks on the page. Students will read and write extensively, produce collections of their own best work by semester's end, and submit their work to journals and contests both national and local.
Terms offered: F, W
Gordon Rule Applies.
This course may be repeated for credit. Classification: Parallel

ENC0015 - Introduction to College Writing I

Credits: 3
An English composition course designed to develop basic writing skills, word choice, parts of speech, sentence structure, sentence conventions, grammar and paragraphing. This course will help students develop the necessary writing skills for college-level writing. Students scoring 89 or below on the PERT or the equivalent to this score on the ACT or SAT are encouraged to enroll in this course. This is an accelerated eight week course.
Terms offered: F, W, S
Classification: Prep

ENC0017 - Introduction to College Reading and Writing I

Credits: 4
An integrated reading and writing course that focuses on developing reading comprehension, vocabulary skills, grammar, and paragraphing. This course addresses the connection between reading and writing through reading response activities. Students scoring 83 or below on the reading portion of the PERT exam and/or scoring 89 or below on the writing portion of the PERT exam are encouraged to enroll in this course. This is an accelerated eight week course.
Terms offered: W
Classification: Prep

ENC0025 - Introduction to College Writing II

Credits: 3
An English composition course designed to develop basic writing skills, word choice, parts of speech, sentence structure, sentence conventions, grammar and essay writing. This course will help students enhance the writing skills needed to be successful in ENC 1101 and other Gordon Rule courses. Students scoring 90 to 102 on the PERT or the equivalent to this score on the ACT or SAT are encouraged to enroll in this course. This is an accelerated eight week course.
Terms offered: F, W, S
Classification: Prep

ENC0027 - Introduction to College Reading and Writing II

Credits: 4
An integrated reading and writing course that focuses on developing reading comprehension, vocabulary skills, grammar, and essay writing. This course addresses the connection between reading and writing through reading response activities. Students scoring 105 or below on the reading portion of the PERT exam and/or scoring 102 or below on the writing portion of the PERT exam are encouraged to enroll in this course. This is an accelerated eight week course.
Terms offered: W
Classification: Prep

ENC1101 - Freshman Composition Skills I

Credits: 3
This course introduces students to rhetorical concepts and audience-centered approaches to writing including composing processes, language conventions and style, and critical analysis and engagement with written texts and other forms of communication. **Completion of this course with a grade of "C" or better is linked to earning the Fundamentals of Written Communication digital badge.**
Terms offered: F, W, S
Gordon Rule Applies.
Classification: Parallel

ENC1101H - Honors Freshman Composition Skills I

Credits: 3
This course introduces students to rhetorical concepts and audience-centered approaches to writing including composing processes, language conventions and style, and critical analysis and engagement with written texts and other forms of communication. **Completion of this course with a grade of "C" or better is linked to earning the Fundamentals of Written Communication digital badge**. This course contains an Honors component created by the instructor.
Terms offered: F, W, S
Gordon Rule applies.
Classification: Parallel

ENC1102 - Freshman Composition Skills II

Credits: 3
Prerequisites: ENC 1101
This course builds upon the compositional skills (including grammar and rhetoric) introduced in ENC 1101 in writing expository and argumentative essays. Editing and revising techniques and MLA format are emphasized. The course is also an introduction to the basic concepts used in reading and thinking critically about primary texts.
Terms offered: F, W, S
Gordon Rule Applies.
Classification: Parallel

ENC1102H - Honors Freshman Composition Skills II

Credits: 3
Prerequisites: ENC 1101 or equivalent
This course builds upon the compositional skills (including grammar and rhetoric) introduced in ENC 1101 in writing expository and argumentative essays. Editing and revising techniques and MLA format are emphasized. The course is also an introduction to the basic concepts used in reading and thinking critically about primary texts. This course contains an Honors component created by the instructor.
Terms offered: F, W, S
Gordon Rule applies.
Classification: Parallel

ENC2210 - Technical Communications

Credits: 3
Prerequisites: ENC 1101
Technical Communications familiarizes students with the methodology of technical communications and the most prevalent forms of technical writing. Students learn a variety of presentational formats as well as practical applications, such as how to write instructions, mechanical descriptions, summaries,

definitions, proposals and long reports. This course is helpful for majors in business and technical fields.
Terms offered: F, W, S
Gordon Rule Applies.
Classification: Dual

ENC2904 - Directed Independent Study I

Credits: 1
Prerequisites: ENC 1101
This course is for students who wish to gain experience by participating in Imprints (CF's student literary and arts magazine), In the Write Mind (CF's student literary and arts magazine), The Patriot Press (CF's student newspaper), any other Communications department publication, or a specified aspect of the discipline of English. This independent study course allows students to intensify and broaden study in writing, editing, publishing, and other aspects of English under the direction of a faculty member.
Terms offered: F, W, S
May be repeated for credit.
Classification: Parallel

ENC2905 - Directed Independent Study II

Credits: 2
Prerequisites: ENC 1101
This course is for students who wish to gain experience by participating in Imprints (CF's student literary and arts magazine), In the Write Mind (CF's student literary and arts magazine), The Patriot Press (CF's student newspaper), any other Communications department publication, or a specified aspect of the discipline of English. This independent study course allows students to intensify and broaden study in writing, editing, publishing, and other aspects of English under the direction of a faculty member.
Terms offered: F, W, S
May be repeated for credit.
Classification: Parallel

ENC2906 - Directed Independent Study III

Credits: 3
Prerequisites: ENC 1101
This course is for students who wish to gain experience by participating in Imprints (CF's student literary and arts magazine), In the Write Mind (CF's student literary and arts magazine), The Patriot Press (CF's student newspaper), any other Communications department publication, or a specified aspect of the discipline of English. This independent study course allows students to intensify and broaden study in writing, editing, publishing, and other aspects of English under the direction of a faculty member.
Terms offered: F, W, S
May be repeated for credit.
Classification: Parallel

ENL2000H - Honors English Literature

Credits: 3
Prerequisites: ENC 1101
Corequisites: ENC 1102
This course is designed for students capable of intensive study and discussion of a variety of representative selections from English literature, including works by Chaucer, Shakespeare, Milton, Johnson, Pope, Wordsworth, Shelley, Byron, Tennyson and T. S. Eliot. Selective admission. Admission to the Honors Institute or permission of instructor is required.
Terms offered: F, W, S
Gordon Rule Applies.
Classification: Parallel

ENL2012 - English Literature I

Credits: 3
Prerequisites: ENC 1101
Corequisites: ENC 1102
This course is an introductory survey that stresses both the thematic content and structural importance of British literature from Beowulf through the 17th century. Emphasis is on poetry and drama of major authors including Chaucer, Shakespeare, Sidney, Donne, Milton, Pope and Johnson. May be taken for credit without ENL 2022.
Terms offered: F, W, S
Gordon Rule Applies.
Classification: Parallel

ENL2022 - English Literature II

Credits: 3
Prerequisites: ENC 1101
Corequisites: ENC 1102
This course is an introductory survey of British literature in the 19th and 20th centuries. Emphasis is on thematic content and structural importance of poetry, fiction and drama of major authors of the period, including Wordsworth, Byron, Blake, Keats, Tennyson, Arnold, Browning, Joyce, Lawrence and Beckett. Please note that ENL 2012 English Literature I is not a prerequisite. May be taken for credit without ENL 2012.
Terms offered: F, W, S
Gordon Rule Applies.
Classification: Parallel

IDH2930H - Interdisciplinary Honors: Special Topics

Credits: 1
This course is designed to emphasize a selected problem or issue that is meaningful to honors students and that addresses a specific topic not covered in current coursework. A variety of instructional approaches will be used. Topics will vary each semester.
Terms offered: F, W
This course may be repeated for a total of 2 credits.
Classification: Classification: Parallel

IDS1107 - First Year Experience

Credits: 3
This course is designed for AA-degree-seeking students and dual enrolled students starting the College of Central Florida, focusing on college success, transfer and career readiness, academic success, and digital literacy. Topics include strategic academic planning, career exploration, time management, student success skills, financial literacy, and personal development. The course emphasizes practical learning experiences, integrating career and transfer preparation with hands-on skill development. Students will engage in collaborative activities, career exploration, and digital competency training, ensuring they are prepared for upper-division coursework or workforce opportunities. Successful completion of this course satisfies the computer competency requirement for all degree-seeking students.
Terms offered: F, W, S
Classification: Parallel

JOU2345 - Writing for Online Media

Credits: 3

A course designed to provide fundamental instruction and practice in mass media online writing and design. This class produces the online college newspaper, the Patriot Press. Students will be expected to edit and post stories and photos on the Patriot Press website. The course has a second equally important function, to teach students the principles and practices of good professional mass media through lectures, readings and hands-on experience. It is designed as a foundation course upon which all other studies in mass media can be based. The focus in this course is on the development of critical thinking skills needed by today's journalists, with an emphasis on integrity and on protecting and preserving First Amendment press freedoms, correct online writing/design skills and Associated Press style.

Terms offered: F, W

This course may be repeated for credit. Classification: Parallel

LIN2740 - Applied Linguistics

Credits: 3

Prerequisites: ENC 1101 and ENC 1102

Linguistics deals with the description and analysis of the constituents of language and languages, including meaning, structure and processes, with the use and misuse of language and languages, as well as with its interaction with cognate disciplines, including but not limited to, anthropology, classics, communications studies, computer science, education, English language and literature, English as a second/foreign language, mathematics, neurology and related sciences of the brain, psychology and sociology.

Terms offered: S

Classification: Parallel

LIS1002 - Introduction to Library Research Skills

Credits: 1

Students will be introduced to the core concepts of information retrieval and techniques for locating, analyzing, organizing and evaluating information resources both in print and electronic.

Terms offered: F, W

Classification: Parallel

LIS2004 - Internet Research

Credits: 1

This online course covers internet search engines and research strategies including evaluating and citing internet resources as well as internet communication and protocols.

Terms offered: F, W, S

Classification: Parallel

LIT1000 - Introduction to Literature

Credits: 3

In this course, students will be assigned readings representative of a broad range of literary genres and cultures. These readings will cover a variety of literary movements and historical eras. The readings will include selections from Western canon. Written analysis of literary works may be required. Students will be provided with opportunities to practice critical interpretation.

Terms offered: F, W, S

Classification: Parallel

LIT2110 - World Literature I (Eighth Century BC-17th Century AD)

Credits: 3

Prerequisites: ENC 1101

This course develops understanding of the historical traditions of world literature from the Ancient World through the Renaissance. Emphasis is on development of Western literary attitudes through works, usually in translation, from the Old Testament and through such authors as Homer, Aeschylus, Euripides, Aristophanes, Virgil, Dante, Boccaccio, Chaucer, Rabelais, Cervantes, Donne and Milton. May be taken for credit without LIT 2120.

Terms offered: F

Gordon Rule Applies.

Classification: Parallel

LIT2110H - World Literature I Honors (Eighth Century B.C.-17th Century A.D.)

Credits: 3

Prerequisites: ENC 1101

Corequisites: ENC 1102

World Literature I Honors (8th Century B.C.-17th Century A.D.) develops understanding of the historical and cultural traditions of world literature from the Ancient World through the Renaissance. Emphasis is on development of literary sensibilities through works, usually in translation, from Gilgamesh through such authors as Homer, Sophocles, Confucius, Li Po, Catullus, Ovid, Dante, Boccaccio, Chaucer, Rabelais and Cervantes. May be taken for credit without LIT 2120. Admission to the Honors Institute, a 3.3 or higher GPA or permission of the instructor is required.

Terms offered: F

Gordon Rule Applies.

Classification: Parallel

LIT2120 - World Literature II (17th-20th Century)

Credits: 3

Prerequisites: ENC 1101

This course develops understanding of the historical traditions of world literature from the Enlightenment to the present. Emphasis is on the development of Western literary attitudes and ideas through works, often in translation, by such authors as Moliere, Swift, Goethe, Tolstoy, Ibsen, Beaudelaire, Pirandello, Yeats, Kafka, Lorca and Solzhenitsyn. May be taken for credit without LIT 2110.

Terms offered: W

Gordon Rule Applies.

Classification: Parallel

LIT2120H - World Literature II Honors (17th-20th Century)

Credits: 3

Prerequisites: ENC 1101

Corequisites: ENC 1102

This course develops an in-depth understanding of the historical and cultural traditions of world literature from the Enlightenment to the present. Designed especially for honors students, the course will be enhanced by special activities such as group projects, guest speakers, or field trips. Emphasis is on the development of Western literary attitudes through works, often in translation, by such authors as Moliere, Swift, Goethe, Tolstoy, Ibsen, Baudelaire, Pirandello, Yeats, Kafka, Lorca and Solzhenitsyn. Admission to the Community of Scholars or a 3.3 GPA or higher plus instructor permission is required.

Terms offered: W
Gordon Rule Applies.
Classification: Parallel

LIT2330 - Introduction to Children's Literature

Credits: 3
Prerequisites: ENC 1101
Corequisites: ENC 1102
This course presents a survey of the field of children's literature, with analysis of the various genres, issues and formats.
Terms offered: F, W, S
Gordon Rule Applies.
Classification: Parallel

REA0007 - Introduction to College Reading I

Credits: 3
This reading course focuses on reading comprehension with emphasis on literal comprehension, vocabulary skills and study skills. Students scoring 83 or below on the PERT or the equivalent to this score on the ACT or SAT are encouraged to enroll in this course. This is an accelerated eight week course.
Terms offered: F, W, S
Classification: Prep

REA0017 - Introduction to College Reading II

Credits: 3
This reading course focuses on expanding reading comprehension, reading strategies and critical analysis. This course will prepare students for the demands of college reading and vocabulary in various college subjects. Students scoring between 84-105 on the PERT or the equivalent to this score on the ACT or SAT are encouraged to enroll in this course. This is an accelerated eight-week course.
Terms offered: F, W, S
Classification: Prep

SPC2300 - Interpersonal Communication

Credits: 3
A survey of the field of interpersonal communication that includes a review of the theory, research and skills students can use to improve the quality of their relationships. Includes units on the communication process, conversation, self-concept, perception, language, nonverbal communication, intercultural communication, listening, expressing emotions and thoughts, relationship maintenance, communication climate and conflict management.
Terms offered: F, W, S
Classification: Parallel

SPC2594 - Intercollegiate Forensic Speech

Credits: 1
A speech course designed for intercollegiate competition stressing understanding and using effective platform interpretive speaking techniques, including debate and oral interpretation. Students will compete in tournaments against other colleges. Classroom activities are comprised of weekly laboratory sessions during which students prepare for competition. Course may be repeated for credit up to three times.
Terms offered: F, W, S
This course may be repeated for credit. Classification: Parallel

SPC2608 - Effective Speaking

Credits: 3
The nature and basic principles of speech, with emphasis on improving speaking and listening skills common to all forms of communication through a variety of experiences in public speaking. The course will include such activities as group discussion, videotaping and student speeches to inform, to introduce, to persuade and to commemorate special occasions.
Terms offered: F, W, S
Classification: Parallel

SPC2608H - Honors Effective Speaking

Credits: 3
This course is designed for students capable of intensive study into the historical aspects of speech communication, preparation of speeches addressing principles of argumentation and debate, and preparation and delivery of speeches that investigate the principles of reasoning and motivating, as well as the analytical skills needed to construct arguments and refutation. Acceptance into the Honors Institute, a 3.3 or higher GPA, or permission of instructor is required.
Terms offered: F, W, S
Classification: Parallel

Engineering Technology

CET1114 - Digital Circuits

Credits: 3
This course provides a comprehensive study of the theory, concepts and circuits of digital electronics. The design and use of digital integrated circuits in the applications of combinational and sequential logic, microprocessors, and interfacing are covered.
Terms offered: W
Classification: Occupational

EET1015 - DC Circuits

Credits: 3
Prerequisites: EET 1084
This course provides the fundamental of DC circuits: theory of electrical current, voltage, and resistance in DC circuits, DC circuit analysis involving Ohm's law, Kirchhoff's laws, Thevenin's and Norton's theorems, and similar analysis techniques; mathematics necessary for the application of circuit analysis will be studied.
Terms offered: F
Classification: Occupational

EET1025 - AC Circuits

Credits: 3
Prerequisites: EET 1015
Study of wave-forms with emphasis on sinusoidal waves and analysis of steady-state electrical circuits. Topical units of instruction include: sinusoidal alternating current phasors, series and parallel AC circuits and networks, power, transformers and resonance. Emphasis on the proper use of modern electronics measuring equipment is included.
Terms offered: F
Classification: Occupational

EET1082 - Introduction to Electronics

Credits: 3
Students will explore and become familiar with basic tools and

calculating devices, be able to identify electrical and electromechanical devices and follow household and other wiring diagrams. They will be cognizant of factors in electrical safety as well as the scope of activities involved in and the preparation needed for employment in communications, industrial controls, medical instruments and computers.
Terms offered: F, W, S
Classification: Occupational

EET1084 - Survey of Electronics

Credits: 3
This course is ideal for those who wish to take one course that will introduce them to basic DC and AC electricity theory, basic transistor operation and basic digital circuit theory. Mathematical analysis is minimized. Emphasis is on hands-on circuit building and observation.
Terms offered: F, W
Classification: Occupational

EET1140 - Electronic Devices and Circuits

Credits: 3
Prerequisites: EET 1015
This course is a study of the characteristics in which active semiconductor devices are operated in their linear ranges. The areas of coverage include semiconductor diodes, bipolar junction transistors, field effect transistors, load lines and biasing, small signal analysis, hybrid parameters, amplifiers, complementary symmetry, Darlington pair, decibels, bode plots and feedback.
Terms offered: S
Classification: Occupational

EET1155C - Linear Integrated Circuits

Credits: 3
A combined lecture and laboratory study of integrated circuits; differential, operational, and Norton amplifiers including power requirements, design considerations, characteristics, linear and non-linear applications.
Terms offered: F
Classification: Occupational

EET1610 - High Reliability Soldering

Credits: 3
A course for electronic technicians which includes high reliability soldering techniques, wire-wrapping, potting, crimping, lacing and circuit board construction and repair.
Terms offered: S
Classification: Occupational

EET1620 - Advanced Surface Mount Technology

Credits: 3
Prerequisites: EET 1610
Advanced hands-on surface mount soldering course focused on rework and repair techniques for electronic technicians.
Terms offered: F, W, S
Classification: Occupational

EGN1007C - Engineering Concepts and Measures

Credits: 1
Prerequisites: MAC 1105
Introduction to computer software applications involving spreadsheets (Excel), and procedural programming (MATLAB) in order to solve a variety of engineering related problems.
Terms offered: W
Classification: Parallel

EGN1111 - Engineering Graphics

Credits: 3
Students in this course learn geometric construction, multiview projection, sectional views, and auxiliary views, and dimensioning using AutoCAD. A grade of C or better is required for successful completion of this course.
Terms offered: F, W
Classification: Dual

EGN2312 - Engineering Analysis - Statics

Credits: 3
Prerequisites: MAC 2311 and PHY 2048C
Corequisites: MAC 2312
Fundamental concepts of mechanics, including resultants of force systems, free-body diagrams, equilibrium of rigid bodies and analyses of structures.
Terms offered: W
Classification: Dual

EGN2322 - Engineering Analysis - Dynamics

Credits: 3
Prerequisites: EGN 2312 and MAC 2313
Corequisites: MAP 2302
Students taking this course will learn the use and application of kinematics and kinetics in practical engineering problems involving particle and planar rigid body motions. The course will help students develop the ability to visualize and model physical configurations of machines and structures.
Terms offered: S
Classification: Dual

EGN2440 - Probability and Statistics for Engineers

Credits: 3
Prerequisites: MAC 2312
This course provides students with a working knowledge of fundamental probability and statistics principles.
Terms offered: S
Classification: Dual

EGS1006 - Introduction to the Engineering Profession

Credits: 1
This course will introduce the student to the role of the engineer as a creative design professional. Emphasis will be on understanding the creative process and the factors that influence it. The student will participate in engineering orientation and participate in group engineering projects.
Terms offered: F
Classification: Parallel

EGS2004 - Electrical Networks

Credits: 3
Prerequisites: PHY 2049C
Corequisites: MAP 2302
Analysis and design of linear DC and AC circuits.
Terms offered: S
Classification: Dual

ETD2364 - 3D Modeling with Solid Works

Credits: 3

Corequisites: EGN 1111

This course teaches mechanical design utilizing advanced computer aided drafting techniques with the current Solid Works software. Three-dimensional coordinate systems, parametric modeling, wire frame development, surface generation, and multiple-part/assembly construction techniques will be among the topics covered as students complete a series of tutorials, exercises and drawings.

Terms offered: F

Classification: Dual

ETD2371 - Rapid Prototyping Level I

Credits: 3

This course introduces the fundamentals of creating 2-D and 3-D models for use in rapid prototyping and multiple manufacturing applications. Topics include design concepts from beginning sketches and automated dimensions to rendered models and assembly animations.

Terms offered: F, W

Classification: Dual

ETD2372 - Rapid Prototyping Level II

Credits: 3

In this course, the student will continue to develop elements of creative thinking and problem solving used in the design process, including the techniques and methods used to construct prototypes and models. In the project aspect of this course, the students expand their knowledge in the methods and materials and of computer simulation, modeling, and rapid prototyping.

Terms offered: F, W

Classification: Dual

ETI1117 - Introduction to Quality Control

Credits: 3

This course will provide a fundamental, yet comprehensive, state-of-the-art exploration of quality control and continuous improvement - covering not only the principles and practices but also the tools and techniques used in day-to-day quality operations. It presents tools and techniques of statistical process control, benchmarking, Quality Function Deployment, experimental design, Taguchi's quality engineering, activity-based costing, and quality strategic planning. It also presents sufficient theory to ensure a solid understanding of basic concepts, and it reduces mathematical techniques to simple mathematics or reduces them in the form of tables and charts.

Terms offered: F, W

Classification: Occupational

ETI1151 - Instrument Techniques and Measurement

Credits: 3

Corequisites: ETI 1117

This course covers the concepts and techniques of metrology as applied to the quality process. The uses and applications of measurement with various types of instruments are also covered in this course.

Terms offered: F

Classification: Parallel

ETI1411 - Manufacturing Processes I

Credits: 3

A study of methods and materials used in industrial production of nonchip-producing processes, including casting, forging, welding, stamping, shearing, brake, powder, metallurgy, electrical discharge machining and high-energy rate forming.

Terms offered: W

Classification: Dual

ETI1414 - Introduction to CNC Machining

Credits: 3

Prerequisites: ETD 2364

History and development of CNC, including programming methods, set-up and operation of CNC drilling, milling, and turning machines. Manual and computer assisted programming are taught including specific topics such as coordinate systems, linear and circular interpolation, and trigonometric calculation of tool centers and part production. Course includes instruction in cam software for CNC process modeling.

Terms offered: W

Classification: Parallel

ETI1622 - Concepts of Lean Manufacturing and Six Sigma

Credits: 3

This course provides an introduction to the basic principles and theories of lean manufacturing. Lean manufacturing involves identifying and eliminating non-value-adding activities in design, production, and supply chain management. The course introduces the concepts of Juran, Demming, Taylor, Shingo, and Ohno. Course coverage also includes topics related to cost reduction, work-free manufacturing, continuous flow, kaizen, the 5 S's, value stream mapping, modular manufacturing, and overall equipment effectiveness.

Terms offered: F

Classification: Parallel

ETI1628 - Developing and Coaching Self-Directed Work Teams

Credits: 3

This course begins with an exploration of teams and how they work. Manufacturing teams create the opportunity to mix complementary technical work skills to improve the production process. Course coverage includes the principles and tools used by self-directed work teams in identifying and solving problems in the workplace.

Terms offered: F

Classification: Parallel

ETI1720C - Industrial Safety

Credits: 3

This course addresses topics in industrial safety to improve worker safety awareness knowledge through use of the 29 CFR 1910 (General Industry Regulations) and Occupational Safety and Health Act websites. Upon completing this course, a worker will be able to recognize safety hazards, recommend strategies for compliance and cite provisions in 29 CFR. Additionally, this course will provide the necessary foundation to enter the area of analysis and design of safety programs in industry.

Terms offered: F, W

Classification: Occupational

ETI1843 - Motors and Controls

Credits: 3
Prerequisites: EET 1084
This course explores the theory and application of AC and DC motors. It covers how different types of motors operate and how electronic motor control systems are designed and can be used to improve efficiency in a wide range of applications.
Terms offered: W, S
Classification: Occupational

ETI2412 - CNC Machining Processes

Credits: 3
Prerequisites: ETI 1414
The methods and machines used to shape and form industrial products. Includes both hot and cold processing, compression, cutting, abrasive forming and automatic and numerical controlled machines.
Terms offered: S
Classification: Parallel

ETI2610 - Six Sigma for the Expert

Credits: 3
Corequisites: ETI 2623
This course introduces the basic principles and theories of Six Sigma as used in the continuous improvement process. The course examines the tools most common to Six Sigma projects and how and when to use them. The focus of the course is on measurement methods, data collection, data integrity and graphical methods of presenting findings.
Terms offered: W
Classification: Parallel

ETI2623 - Lean Enterprise for the Expert

Credits: 3
Prerequisites: ETI 1622
This course provides an overview of lean manufacturing concepts with a working knowledge of the tools required to implement and maintain a lean manufacturing facility. Course coverage includes mistake proofing, the 5 Ss for operators, quick changeover, overall equipment effectiveness, cellular manufacturing, and the Kanban system.
Terms offered: W
Classification: Parallel

ETM2401 - Mechanical Devices and Systems

Credits: 3
This course covers mechanical basics, measurement devices and lubricants in the industrial environment. This course introduces and emphasizes the basic skill necessary for mechanical maintenance personnel. Introduction to the basic physics concepts applicable to the mechanics of industrial production equipment, the application of mechanical principles with additional emphasis on power transmission, and specific mechanical components will be taught.
Terms offered: W
Classification: Occupational

ETS1535 - Automation Process Control

Credits: 3
Prerequisites: ETS 1542
Modern Proportional-Integral-Derivative control, PID, control theory with the use of sensors, actuators, and Programmable Logic Controllers, PLC, are introduced. The student will be introduced to state of the art engineering level PLC control systems used in industry and the elements that comprise a closed-loop process.
Terms offered: S
Classification: Occupational

ETS1540 - Industrial Applications Using PLCs and Robotics

Credits: 3
Prerequisites: ETS 1542
Provides advanced operational concepts common to Programmable Logic Controllers, PLC, focusing on PLC programming, programming of robots and integration with PLCs, and the fundamentals needed for more complex process control.
Terms offered: F, W, S
Classification: Occupational

ETS1542 - Introduction to PLCs

Credits: 3
Prerequisites: EET 1084
Corequisites: ETI 1843
Provides basic operational concepts common to programmable controllers, focusing on PLC principles, programming, and the fundamentals needed for simple process control.
Terms offered: W
Classification: Occupational

ETS1700 - Hydraulics and Pneumatics

Credits: 3
Introduction to the theory and operation of hydraulic and pneumatic systems involving the principles, components, symbols and applications will be included from both a systems development and troubleshooting context. Special emphasis will be placed on hydraulic and pneumatic components; flow diagrams for particular applications, when used with computer integrated manufacturing techniques. This course also includes troubleshooting procedures for systems, system components and manufacturing assemblies, taught in a systematic manner.
Terms offered: F
Classification: Occupational

Equine Studies

AEB2137C - Equine Business Management

Credits: 3
This course covers business management practices for equine enterprises. An equine business may be farm management, retail or a service-based business specializing in the equine industry. Topics addressed include organizational structure, employees, ethics, accounting principles, contracts, insurance and taxation. Students prepare a business plan as a major learning outcome.
Terms offered: F, W
Classification: Dual

ANS1016 - Basic Horse Handling and Safety

Credits: 3
This class will prepare students to work safely around horses and develop skills essential to employment on a horse farm. As a basic handling and husbandry class, it is intended for students with limited horse handling skills or horse care experience. Students already having intermediate to advanced horse handling skills and

horse care experience may take ANS 2232C Advanced Horse Handling Skills, which focuses more on handling various types of horses and aspects of training, instead of this class. This class includes an extensive hands-on requirement.
Terms offered: F, W
Classification: Dual

ANS1073C - Equine Anatomy and Physiology

Credits: 3
This course covers the normal anatomy and common anatomical disorders of the horse. Emphasis is placed on the function of anatomical systems, bony structure and muscular-tendon relationship as they relate to biomechanics, and the practical application of conformation and clinical disorders.
Terms offered: F, W
Classification: Dual

ANS1220 - Equine Sport and Competition

Credits: 3
This course will explore the many disciplines where horses compete through field trips, guest speakers and academic study. Students will learn about training issues specific to the discipline, unique equipment to the discipline and rules of competition, with a focus on judging standards and marketability of successful horses.
Terms offered: F
Classification: Dual

ANS1222 - Equine Sales and Marketing

Credits: 3
This course will prepare the student with marketing and sales skills for various equine enterprise types. Sale of a product or service is vital to the successful equine business manager. Specific emphasis will be placed on the development of effective advertisements, market research, sales strategy, pricing and other components of a successful market plan.
Terms offered: F, W
Classification: Dual

ANS1223 - Equine Conformation Analysis

Credits: 3
A vital component of any equine business is the ability to evaluate the physical characteristics of the horse in relation to its potential as an equine athlete. Students completing this course will be able to evaluate conformation of different breeds and ages, predict athletic ability, explain observations verbally and evaluate pedigrees for marketability or performance.
Terms offered: F
Classification: Dual

ANS1236 - Introduction to Equine Science

Credits: 3
This course introduces students to an overview of various sectors of the industry and the study of equine science. Topics include basics such as breeds, dentition, and history as well as an introduction to topics such as the genetics of coat color and current welfare issues.
Terms offered: F, W
Classification: Dual

ANS1237C - Equine Health Care

Credits: 3
This course will cover the common infectious diseases of the horse and their prevention. Some of the topics covered in this course will be: strategic deworming programs and biosecurity, internal and external parasitology, current vaccination protocols, disease control measures and prevention, and emergency treatment procedures. Also, the use of health certificates, EIA forms and state laws regarding horses will be addressed. Students will learn to conduct a physical examination and fecal egg count. Current scientific research in equine health care will be discussed.
Terms offered: F, W
Classification: Dual

ANS1238C - Equine Behavior and Psychology

Credits: 3
This course will cover the history, evaluation and development of the horse, including an in-depth study of the horse's psyche. Attention will be focused on imprinting, bonding, fright and flight, as well as restraint in herd and hand activities. Behavior of the horse, including the effects of the senses - hearing, smell, sight and touch - will be stressed. The behavior of the normal and abnormal horse will be studied from birth through elder age.
Terms offered: F, W
Classification: Dual

ANS1315 - Equine Reproduction

Credits: 3
This course covers the anatomy, theory and practices associated with efficient equine reproduction, including mare and stallion care. Instruction will include classroom learning and in-class labs.
Terms offered: F, W
Classification: Dual

ANS1930 - Special Topics - Equine Studies

Credits: 1
The primary purpose of this course is to present current issues related to the equine industry, which are not covered in the core courses of the curriculum. The course contains topics such as: thoroughbred industry, equine event management, reproduction lab, veterinary technician skills, Spanish for the equine industry, etc.
Terms offered: F, W, S
This course may be repeated for credit. Classification: Occupational

ANS2072C - Equine Manual Therapies

Credits: 3
Prerequisites: ANS 1073C
This course allows students to practice the application of physical therapy for maintenance of athletic horses as well as rehabilitation of injured horses. A major focus of this course is a hands-on project based on evaluation, development and implementation of a treatment plan, documentation, and presentation of semester rehabilitation results. Theory and application of massage techniques, including stretching and myofascial release, along with other rehabilitation therapies are used in treatment of horses used in the project. Extensive animal work will enhance students' comprehension and ability to apply manual therapies for horses.
Terms offered: W
Classification: Dual

ANS2074C - Injury and Rehabilitation of Horses

Credits: 3
Prerequisites: ANS 1073C

This class addresses the most common equine orthopedic and soft tissue injuries and discusses contributing factors, basic pathology, diagnostic methods, treatments, and how the normal healing process can be enhanced using rehabilitation therapy. A description of these therapeutic modalities, including ultrasound, stretching, laser, magnetic field therapy, joint mobilization, acupressure, cold/heat therapy and hydrotherapy, among others, will be studied in conjunction with guest speakers, field trips and hands-on practice. Current scientific research in the field of equine rehabilitation will be discussed.
Terms offered: F
Classification: Dual

ANS2075 - Equine Locomotion

Credits: 3
Prerequisites: ANS 1073C
This course examines equine locomotion through the weekly hands-on study of both limb and hoof anatomy, and biomechanics. Students will study limb abnormalities, effects of conformation, gait analysis, hoof balance, trim, and shoeing adjustments and their effect on soundness and athletic function. Anatomy and balance of the horse and hoof for various athletic endeavors, as well as effect of the rider and tack, special shoes and corrective work will also be addressed.
Terms offered: F, W
Classification: Dual

ANS2076C - Physiology of Equine Exercise

Credits: 3
Prerequisites: ANS 1073C
Students will discover the coordination of muscular, cardiovascular, respiratory and neurological systems in the exercising horse. Activities will also address the importance of conditioning techniques, biomechanics of gait and nutrition for equine athletes.
Terms offered: W
Classification: Dual

ANS2221 - Equine Tack and Equipment

Credits: 1
Poor-fitting saddles or inappropriate selection of bits can interfere with athletic performance of the horse. This mini-mester course evaluates bit function and design, choice of metal and choice of bit through the training process. Additional topics include saddle fit and design, training equipment and proper application of equipment.
Terms offered: F, W, S
Classification: Dual

ANS2232C - Advanced Horse Handling Skills

Credits: 3
This course is appropriate for students with intermediate to advanced horse handling skills. Topics discussed in this course will prepare students for advanced employment opportunities, such as assistant trainer, show groom, or equine veterinary assistant. Tack fit, function and specialized equipment will be included. Safety around injured or young horses will be addressed. Students with limited experience handling horses or wanting hands-on practice handling horses should take ANS 1016 Basic Horse Handling and Safety.
Terms offered: F, W
Classification: Dual

ANS2403 - Equine Nutrition

Credits: 3
This course studies equine nutrition and its application, including concentrates, hays, forage and supplements. Topics include basic nutrition and digestive anatomy, common feeds and supplements, nutritional needs in specific situations, and ration balancing. Upon completion, students should be able to explain feeding practices and critique rations for classifications of horses.
Terms offered: F, W
Classification: Dual

ATE2623 - Equine First Aid

Credits: 3
This course will focus on critical and emergency care of horses, including vital signs, wound management, eye injuries, neurological examination, common medications and administration of medications. Additionally, students will complete an introduction to large animal technical rescue, including a weekend course with hands-on training in rescue techniques.
Terms offered: F, W
Classification: Dual

ESL Studies

EAP0300C - English as a Second Language - Speech/Listening

Credits: 4
This is a skill-based course for students with limited proficiency in English. Students focus on speech and listening skills as they pertain to second language education. Particular emphasis will be placed on the improvement of students' communication skills and fluency. This course teaches pronunciation, intonation, word and sentence stress, as well as structures in everyday communication. Students will develop the ability to communicate in most social situations, clarify or rephrase statements to facilitate communication, and use language that is socially and culturally appropriate. This course incorporates the use of the interactive language laboratory for instruction and reinforcement.
Terms offered: F, W
Classification: Prep

EAP0383C - English as a Second Language - Combined Skills

Credits: 4
This integrated course, designed for non-native students with varying levels of English proficiency, covers the four skills of reading, writing, grammar and speaking/listening, as well as improving pronunciation and building vocabulary. Students will develop established skills through classroom activities, multicultural interaction and interactive language software with voice-mapping technology to better prepare themselves for academic study. The course is also intended for community members with high school diplomas who wish to increase proficiency through more rigorous study.
Terms offered: F, W
Classification: Prep

EAP0384C - English as a Second Language - Grammar and Writing I

Credits: 4
This course is designed for students whose primary language is

not English and whose placement scores indicate the need for instruction in writing coherent, unified paragraphs. The primary focus of the course will be English grammar and the ability to write effective paragraphs. Students will be required to pass an objective final exam and timed writing assessment to be successful in this course.
Terms offered: F, W
Classification: Prep

EAP0480C - English as a Second Language - Intermediate Combined Skills II

Credits: 4
ESL Combined Skills II is a skill-based course specifically designed for ESL and international students. However, it is also recommended for all students who score 41 and below on the reading section of the CPT test. Students will develop the ability to read academic texts on contemporary and literary topics with an emphasis on extensive reading and the enhancement of critical reading skills.
Terms offered: F, W
Classification: Prep

EAP0484C - English as a Second Language - Grammar and Writing II

Credits: 4
This course is designed for students whose primary language is not English and whose placement scores indicate the need for instruction in writing coherent, unified essays. The primary focus of the course will be essay writing, and grammar skills will be incorporated into written assignments. Students will be required to pass an objective final exam and timed writing assessment to be successful in this course. Students are required to have successfully completed EAP 0384C to enroll in this course and/or were not required to take EAP 0384C based on placement test scores.
Terms offered: F, W
Classification: Prep

Health Information Technology

HIM1000 - Introduction to Healthcare and Health Information Technology

Credits: 3
This course provides an introduction to the healthcare system and the fundamentals of health information management. Students will explore medical office administration and health information management professions, including healthcare delivery systems and key health-related organizations in the United States. The curriculum covers the structure, purpose, and management of health records, with a focus on electronic record development and the evolving roles of professionals in the field.
Terms offered: F, W, S
Classification: Dual

HIM1430 - Concepts of Disease

Credits: 3
Prerequisites: HSC 2531
This course gives an overview of common diseases and illnesses. It focuses on the anatomy and physiology, common signs and symptoms, diagnostic tests, treatment and pharmacology associated with each condition. Information gained in this course will enable students to abstract, analyze and code information from the medical record.
Terms offered: F, W, S
Classification: Occupational

HIM1949 - Practicum I - Acute Care Settings

Credits: 3
Prerequisites: HIM 1000 and HIM 2012
This course provides students with supervised, practical experience in an acute care facility health information department. Emphasis is placed on providing opportunities for students to relate classroom theory to the actual functions of a health information department, such as record assembly and analysis, medico-legal procedures, information retention, filing and retrieval, and the use of technology. Students will become familiar with policies and procedures and understand the relationships other hospital departments have with the health information department. This course also enables students to further develop critical thinking and problem-solving skills in realistic situations. Instructor approval is required prior to enrolling in this course.
Classification: Occupational

HIM2012 - Legal Aspects of Medical Records

Credits: 3
Prerequisites: HIM 1000
This course is designed to assist students with an understanding of the legal principles that govern the health information field. It emphasizes the legal theories underlying lawsuits involving the health care field, health record content, access to patient records, confidentiality and informed consent, and disclosure of records in legal actions.
Classification: Occupational

HIM2253 - CPT Coding

Credits: 3
Prerequisites: BSC 2085 and BSC 2085L and HSC 2531
Corequisites: BSC 2086 and BSC 2086L and HIM 1430
This course is an introduction to the coding principles, characteristics and conventions of coding using the Physicians' Current Procedure Terminology (CPT) coding nomenclature. A working knowledge of medical terminology is required for this course.
Terms offered: F, W
Classification: Occupational

HIM2260 - Medical Billing and Reimbursement

Credits: 3
This course serves as an introduction to health insurance claims processing, carrier requirements, and applicable state and federal regulations. It acquaints students with the billing procedures used in physician offices, hospital and ambulatory surgery services. Emphasis is on electronic billing, managed care systems, worker's compensation, Medicare, Medicaid, third-party payers, ethics and confidentiality. The students will have the opportunity to apply their knowledge in a laboratory setting utilizing billing software.
Terms offered: F, W
Classification: Occupational

HIM2442 - Pharmacology for HIM Professionals

Credits: 2
The purpose of this course is to provide students with introductory knowledge and familiarity with pharmacology, with an emphasis on

medications as therapeutic options for various disease states. It will present a basic rationale for understanding drug therapy as it relates to medical record documentation.
Terms offered: F, W, S
Classification: Occupational

HIM2722 - ICD-10-CM Coding

Credits: 3
Prerequisites: BSC 2085 and BSC 2086 and HIM 1430 and HIM 2442 and HSC 2531
This course provides instruction in the basic principles and guidelines for using the International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) in the coding of diagnoses.
Terms offered: F
Classification: Occupational

HIM2723 - ICD-10-PCS Coding

Credits: 3
Prerequisites: HIM 2442 and HIM 2722
This course provides instruction in the basic principles and guidelines for using the International Classification of Diseases, Tenth Revision, Procedural Coding System (ICD-10-PCS) in the coding of medical procedures.
Terms offered: W
Classification: Occupational

HIM2941 - Coding Professional Practice Experience

Credits: 3
Prerequisites: HIM 2253 and HIM 2722 and HIM 2723
This class and lab course provides the Health Information Technology student an opportunity to apply basic concepts and techniques for CPT/ICD-10 coding using actual health records in both paper and electronic format from various health care facilities and/or from the AHIMA V lab. The student will also utilize the 3M Encoder software in the lab and in performing outpatient and inpatient coding. Each student will be responsible for completion of a professional practice experience binder. Traveling to clinical sites may be required.
Terms offered: S
Classification: Occupational

HSC2531 - Medical Terminology

Credits: 3
This course is designed to help develop comprehensive integrative skills in using medical terminology. Included in the course work are prefixes, suffixes, roots, and combining forms. Emphasis is on pronunciation, spelling, and definition of words as they relate to anatomy and physiology. Terms for diagnostic procedures, pathology and treatment in each body system, as well as the basic pharmacological terms, are included. Common medical abbreviations are covered.
Terms offered: F, W, S
Classification: Parallel

Hospitality and Tourism Management

FSS1206C - Quantity Food Production for Hospitality and Restaurant Managers

Credits: 3
This course includes skills needed for quantity food production. Students learn to apply skills and techniques of food preparation used in the food service industry. Students learn proper business and math skills needed for the food service industry. Introduction of basic food industry terminology and various equipment are also to be covered.
Terms offered: F, W, S
Classification: Parallel

HFT1000 - Introduction to the Hospitality and Tourism Industry

Credits: 3
Introduction to many facets of hotel-motel and food services industries. Includes study of history, scope and innovations in industry as well as orientation visits to local establishments.
Terms offered: F
Classification: Dual

HFT1078 - Sustainability in Hospitality and Tourism

Credits: 3
This course provides an in-depth understanding of sustainability in the hospitality and tourism industries. Students will learn about the principles and practices that promote environmental conservation, social responsibility, and economic sustainability in these sectors. The course covers sustainable tourism, green hospitality practices, eco-friendly travel trends, and the role of local communities in creating sustainable tourism experiences.
Terms offered: F, W
Classification: Occupational

HFT2210 - Hospitality Management and Leadership

Credits: 3
This course is designed to introduce students to the core concepts of hospitality management while emphasizing effective leadership strategies. Students will explore key areas such as customer service excellence, operations management, human resource strategies, financial management, and leadership principles that are crucial for success in the hospitality industry.
Terms offered: W
Classification: Occupational

HFT2213 - Hospitality Safety, Sanitation and Risk Management

Credits: 3
This course provides an in-depth understanding of safety, sanitation, and risk management in hospitality operations. It explores key topics such as health and safety regulations, crisis management, food safety, emergency procedures, legal considerations, and strategies for mitigating risks in hospitality businesses. Students will learn how to design and implement safety protocols that ensure compliance with local laws and enhance guest satisfaction.
Terms offered: F, W
Classification: Occupational

HFT2223 - Hospitality Human Resource Management

Credits: 3
Provides basic skills and knowledge of supervision with specific examples in the hospitality industry. It details the characteristics and responsibilities of an efficient and effective supervisor with emphasis placed on such management skills as solving problems, motivating employees and improving employee performance.
Terms offered: W
Classification: Dual

HFT2245 - Guest Service Management

Credits: 3

This course provides strategies and tactics for managing service expectations and experiences. Delivering consistent, quality service requires the training and retraining of employees about the role of service professionals in the design, staffing, marketing, and management of the service system. Students will learn how to create a favorable guest service climate that harnesses the natural talents of service professionals. This course offers unique and useful guidance on the hiring, training, supporting, retention, and empowerment of service professionals.

Terms offered: F

Classification: Dual

HFT2254 - Lodging Operations

Credits: 3

This course will acquaint the student with Front Office and Housekeeping Management. The course encompasses theory plus classroom computerized property management system exercises and simulations including reservations, arrival and departure of guests, night audit reports and procedures, yield management and exception handling. Emphasis on the role of housekeeping department and understanding managerial skills necessary to efficiently operate the department and laundry operations.

Terms offered: F

Classification: Dual

HFT2261 - Restaurant and Food Service Management

Credits: 3

This course includes a comprehensive overview of the basic principles used in planning, analyzing, and managing a successful restaurant and foodservice operation. Topics range from concept and menu development to the staffing and operation of commercial and institutional food and beverage organizations.

Terms offered: F, W, S

Classification: Parallel

HFT2461 - Hotel Sales and Revenue Management

Credits: 3

This course provides a comprehensive introduction to the principles and practices of sales and revenue management in the hotel industry. Students will learn how to optimize revenue through effective pricing strategies, sales techniques, demand forecasting, distribution management, and the use of modern tools and technologies in revenue management.

Terms offered: W

Classification: Occupational

HFT2750 - The Event Industry

Credits: 3

Prerequisites: HFT 1000

This course defines scope and segmentation of convention and group business market, describes marketing and sales strategies to attract markets with specific needs, and explains techniques to meet sales goals as part of meeting and convention services. A computer-based management tool will be utilized to stimulate the management of a service business.

Terms offered: F, W, S

Classification: Parallel

HFT2942 - Hospitality Internship

Credits: 3

Prerequisites: HFT 1000 and HFT 2223 and HFT 2245 and HFT 2254

This course is a planned work-based experience that provides students with an opportunity to fine-tune skill sets learned in coursework and enhance workplace skills through supervised practical experiences related to their career objectives.

Terms offered: S

Classification: Dual

Humanities

FIL2000 - Introduction to Film

Credits: 3

Prerequisites: ENC 1101

This course is an introduction to the study of motion pictures as an interdisciplinary art form emphasizing the history and aesthetics of cinema. Historically and culturally significant American and international films including selections from the Western canon, will be viewed and discussed.

Terms offered: F, W, S

Gordon Rule Applies.

Classification: Parallel

FIL2000H - Honors Introduction to Film

Credits: 3

Prerequisites: ENC 1101

This course is an introduction to the study of motion pictures as an interdisciplinary art form emphasizing the history and aesthetics of cinema. Historically and culturally significant American and international films including selections from the Western canon, will be viewed and discussed. This is an honors course. Admission to the Honors Institute, a 3.3 or higher GPA, or permission of instructor is required.

Terms offered: F, W, S

Gordon Rule Applies.

Classification: Parallel

HIS2955 - Studies Abroad in Civilization

Credits: 3

An introduction to the political, intellectual and cultural history of foreign nations designed to provide a cross-cultural contact with people of other countries. Study and travel abroad are supplemented with readings and classroom lectures in Florida. May be repeated for credit. Permission of instructor or department chair is required.

Terms offered: F, W, S

This course may be repeated for credit.

Classification: Parallel

HUM1020 - Introduction to the Humanities

Credits: 3

In this course, students will learn about the creative ideas and accomplishments of various cultures in various fields of humanities that may include art, architecture, drama, history, music, literature, philosophy, and religion. The course will include cultural expressions from the Western canon and may also include expressions from around the globe.

Terms offered: F, W, S

Classification: Parallel

HUM1020H - Honors Introduction to the Humanities

Credits: 3

In this course, students will learn about the creative ideas and accomplishments of various cultures in various fields of humanities that may include art, architecture, drama, history, music, literature, philosophy, and religion. The course will include cultural expressions from the Western canon and may also include expressions from around the globe. This is an Honors course. Admission to the Honors Institute, 3.3 or higher GPA, or permission of instructor required.

Terms offered: F

Classification: Parallel

HUM2310 - Mythology and the Humanities

Credits: 3

Prerequisites: ENC 1101

An introduction to mythology, and its influence on art, literature, philosophy, religion, and music, including selections from the Western canon.

Terms offered: F, W, S

Gordon Rule Applies.

Classification: Parallel

HUM2310H - Honors Mythology and the Humanities

Credits: 3

Prerequisites: ENC 1101

An introduction to mythology, and its influence on art, literature, philosophy, religion, and music, including selections from the Western canon. This is an honors course. Admission to the Honors Institute, a 3.3 or higher GPA, or permission of instructor is required.

Terms offered: F, W, S

Gordon Rule Applies.

Classification: Parallel

HUM2532 - Western Culture and Ideas

Credits: 3

Prerequisites: ENC 1101

Study of the leading ideas and doctrines that have shaped modern Western culture from the Middle Ages to the present.

Terms offered: F, W, S

Gordon Rule Applies.

Classification: Parallel

HUM2532H - Honors Western Culture and Ideas

Credits: 3

Prerequisites: ENC 1101

Designed for honors students, this course involves an in-depth study, analysis and discussion of the major writings from the Medieval period to the present that have shaped the thinking and expression of our Western culture. Admission to the Honors Institute, a 3.3 or higher GPA, or permission of instructor is required.

Terms offered: F, W, S

Gordon Rule Applies.

Classification: Parallel

HUM2930 - Spanish Culture and Civilization

Credits: 3

This is a survey course which includes Spanish geography, history, art, architecture, customs, music and cultural differences. The course presents an overall view of Spanish culture and civilization from 1500 B.C. to the present time.

Terms offered: F, W, S

Classification: Parallel

HUM2935 - Special Topics in Humanities

Credits: 3

This course centers on topics of current interest or of special interest to students or instructors. Topics or focus may vary from semester to semester. Topics will be identified by the HUM2935 title published in the course schedule for each semester that the course is offered. Special topic credit hours are not automatically transferable. Transfer credit is the prerogative of the receiving institution. This course may be available online and hybrid.

Terms offered: F, W, S

This course may be repeated for credit with different topics.

Classification: Parallel

PHI1100 - Introduction to Logic

Credits: 3

A beginning course in logic placing major emphasis on training in the practical application of critical and creative principles of reasoning to everyday problems of judgment and decision. Topics or selections from the Western canon will be utilized. Both deductive and inductive methods of inference (including deduction, induction, and abduction) will be introduced.

Terms offered: W

Classification: Parallel

PHI2010 - Introduction to Philosophy

Credits: 3

In this course, students will be introduced to the nature of philosophy, philosophical thinking, major intellectual movements in the history of philosophy, including topics from the western philosophical tradition, and various problems in philosophy. Students will strengthen their intellectual skills, become more effective learners, and develop broad foundational knowledge.

Terms offered: F, W, S

Classification: Parallel

PHI2600 - Introduction to Ethics

Credits: 3

An introductory course in ethics, emphasizing the application of classical, medieval and modern ethical theories to contemporary moral issues such as abortion, euthanasia, the death penalty, equality of the sexes, hunger and the environment. Topics will include selections from the Western canon.

Terms offered: F, W

Classification: Parallel

PHI2631 - Ethics and Business

Credits: 3

An introductory course in ethics, focusing on moral issues arising in the workplace especially for business students. Discussions of ethical theories will be used to clarify and provide approaches to practical issues faced by employers and employees. This course may be offered online or as a hybrid.

Terms offered: F, W, S

Classification: Parallel

PHI2930 - Special Topics in Philosophy

Credits: 3

Prerequisites: PHI 2010

This course centers on topics of current interest or of special interest to students or instructors and is especially offered to benefit students who identify philosophy as their program of interest. Topics or focus may vary from semester to semester. Topics will be identified by the PHI 2930 title published in the course schedule for each semester that the course is offered. The course may be repeated for credit with different topics. Special topic credit hours are not automatically transferable. Transfer credit is the prerogative of the receiving institution.
Terms offered: F, W, S
Classification: Parallel

REL2210 - The Old Testament

Credits: 3
This course is an introduction to the Old Testament. It deals with the literature of the Hebrew Scriptures and the history, geography, religion and important personalities of ancient Israel and its surrounding peoples.
Terms offered: F, W, S
Classification: Parallel

REL2240 - The New Testament

Credits: 3
An introduction to the New Testament, which involves a study of the Greco-Roman and Jewish background of early Christianity, the personality and teachings of Jesus, the work and thought of Paul, and the development of the church.
Terms offered: F, W, S
Classification: Parallel

REL2300 - Comparative Religions

Credits: 3
Prerequisites: ENC 1101
A beginning course for students having no previous college training in the comparative study of religion. The major features of world religious traditions are studied as the means for obtaining an insight into the nature and expression of people's religious aspirations.
Terms offered: F, W, S
Gordon Rule Applies.
Classification: Parallel

REL2300H - Honors Comparative Religions

Credits: 3
Prerequisites: ENC 1101
An introduction to the major religions of the world, designed especially for honors students. Careful readings of primary texts will be emphasized. Admission to the Honors Institute, a 3.3 or higher GPA, or permission of instructor is required.
Terms offered: F
Gordon Rule Applies.
Classification: Parallel

REL2930 - Special Topics in Religion

Credits: 3
Prerequisites: REL 2300
This course centers on topics of current interest or of special interest to students or instructors and is especially offered to benefit students who identify religion as their program of interest. Topics or focus may vary from semester to semester. Topics will be identified by the REL 2930 title published in the course schedule for each semester that the course is offered. Special topic credit hours are not automatically transferable. Transfer credit is the prerogative of the receiving institution.
Terms offered: F, W, S
This course may be repeated for credit with different topics.
Classification: Parallel

Fire Science Technology

FFP1505 - Fire Prevention Practices

Credits: 3
A study of fire inspection practices, including such items as purpose; definition; Fire Prevention Bureau activities; hazards; fire behavior; fire causes; types of construction including structural features, flame spread, occupancy, and fire load; inspection techniques; conducting inspections.
Terms offered: W
Classification: Occupational

FFP1510 - Codes and Standards

Credits: 3
A study of construction classification, methodology, and the codes written to enforce the standards of construction. This portion of the program is a vital segment in completing the Fire Prevention Inspector's Certification requirements. This course is designed to familiarize inspectors with the five basic units of NFPA 101. This course includes statewide fire prevention code NFPA 1. This course requires work to be done prior to and/ or following attendance at the course.
Terms offered: S
Classification: Occupational

FFP1540 - Private Fire Protection Systems

Credits: 3

A study of private fire protection detection systems, such as sprinkler and standpipe systems, chemical extinguishing systems, detection systems and devices. Each system is discussed as to its need, construction, preventive maintenance, and individual uses. This course requires work to be done prior to and/ or following attendance of this course.
Terms offered: W, S
Classification: Occupational

FFP1722 - Health and Safety Officer

Credits: 3
This course will cover both national and Florida specific information relating to the Health and Safety Officer. Topics include: Introduction to Emergency Services Occupational Safety and Health; Review of Safety-Related Regulations and Standards; Risk Management; Pre-Incident Safety; Safety at Fire Emergencies; Safety at Medical or Rescue Emergencies; Safety at Specialized Incidents; Post-Incident Safety Management; Personnel Roles and Responsibilities; Safety Program Evaluation; Information Management; and Special Topics in Emergency Services Occupational Safety and Health.
Terms offered: S
Classification: Occupational

FFP2111 - Fire Chemistry

Credits: 3
This course is designed to show the different features and forms of matter and energy, common substance, and how they relate to

fires. The chemical formulae of flammable and combustible substance, their bonding and separations, as well as the different chemical reactions related to fire and oxidation are covered. Particular emphasis is placed on the specific substances to ignite and accelerate burnings. This course may require work to be done prior to and/ or following attendance at the course. Students will be notified prior to class.
Terms offered: F
Classification: Occupational

FFP2120 - Building Construction for the Fire Service

Credits: 3
A study of building construction on relation to fire protection and the general fire behavior of each type of building construction, including the spread of fire and the safety of the building, occupants, and firefighter. This course may require work to be done prior to and/or following attendance at the course. Students will be notified prior to the class.
Terms offered: F
Classification: Occupational

FFP2521 - Construction Documents and Plans Review

Credits: 3
This course is geared toward teaching the student how to assimilate information contained in working, drawing, and specifications as they relate to the fire inspector. The curriculum includes how to interpret conventional graphic communication. Accepted standards and conventions are introduced. Symbols, abbreviations, principles or technical projection, as well as a review of construction arithmetic and geometry are included. Related worksheets are used to allow for applied experience of finding and interpreting information from authentic drawings. Students must bring an architectural scale. This course may require work to be done prior to and/or following attendance at the course. Students will be notified prior to the class.
Terms offered: W
Classification: Occupational

FFP2541 - Private Fire Protection Systems II

Credits: 3
This course is a study of private fire protection and detection systems such as extinguishers, pre-engineered systems, chemical extinguishing systems, detection and alarm systems and devices, and newer systems available. Each system is discussed as to its need, construction, how it works, and individual uses.
Terms offered: S
Classification: Occupational

FFP2610 - Fire Investigations - Origin and Cause

Credits: 3
The curriculum in this course is designed to enhance the fire investigator's ability to detect and determinate the origin and cause of a fire. Specific topics include fire behavior review, investigator ethics, construction, ignition sources, reading fire patterns and scene reconstruction. Special topics on electrical fire investigation, woodland fires, vehicle fires, mobile home fires, RV fires, and boat/ship fires. Additional topics include special emphasis on fire scene documentation and extinguishing/alert systems. This course may require work to be done prior to and/or following attendance at the course. Students will be notified prior to the class. Students are required to have hard, protective boots and gloves.
Terms offered: F, W, S
Classification: Occupational

FFP2706 - Public Information Officer

Credits: 3
This course is designed to provide the firefighter with the knowledge and skills needed to successfully perform as an organizational spokesperson in the fire service. Current practices pertaining to public relations are examined using fire service examples. Actual case studies will be investigated to explore crises communications as it related to the public information officer's role in the incident command (ICS).
Terms offered: F, W, S
Classification: Occupational

FFP2720 - Company Officer

Credits: 3
Designed to assist fire officers in solving the varied problems and situations they will be required to manage effectively in today's ever-changing fire service. The curriculum includes a review of fire department organization and administration, management theory, leadership, communication, motivation, and small group dynamics. This course may require work to be done prior to and/or following attendance at the course. Students will be notified prior to the class. It is important to note that this program is intended for a minimum of 40 hours of classroom time. Students will be expected to complete at least 8-10 hours of out of class assigned readings and course assignments.
Terms offered: F
Classification: Occupational

FFP2721 - Incident Safety Officer

Credits: 3
This course will cover both national and Florida specific information relating to an Incident Safety Officer. Topics include: The safety officer's role; safety concepts; regulations, codes, laws, standards and procedures; designing an ISO system; professional development; reading buildings, smoke, risk, hazardous energy, and firefighters; triggers, traps and working within ICS; basic approach to ISO duties; ISO at structure fires, wildland fires, HAZ-MAT incidents and technical rescues; and post-incident responsibilities.
Terms offered: S

FFP2729 - Legal Issues for the Safety Officer

Credits: 3
This course will provide information and materials so that the student can identify and use statutes and rules of the Florida Firefighter OSHA, explain the basic legal system and areas that impact the safety officer, be able to conduct an investigation, discuss litigation trends, and explain the consequences of unsafe acts.
Terms offered: S
Classification: Occupational

FFP2740 - Fire Service Course Delivery

Credits: 3
The curriculum draws from many recognized authorities in exploring the methods and mechanics of imparting information and adult learning principles. The course emphasizes techniques which have wide application situations, as well as devices for specific areas. Also stressed are measuring teaching effectiveness, the

use of media and visual aids. This course may require work to be done prior to and/or following attendance at the course. Students will be notified prior to the class.
Terms offered: F
Classification: Occupational

FFP2741 - Fire Service Course Design

Credits: 3
This is a course of study of how to develop courses based on nationally applicable performance standards for uniformed fire service personnel and to provide the knowledge, skill, and ability to develop a training curriculum.
Terms offered: S
Classification: Occupational

FFP2770 - Ethical and Legal Issues for the Fire Service

Credits: 3
This course deals with the entire spectrum of issues facing today's fire service leaders. Topics include labor relations, human rights and diversity, and conflicts of interest. Frameworks for ethical decision-making are used. This course may require pre/post course work. Students will be notified prior to class.
Terms offered: W
Classification: Occupational

FFP2780 - Fire Department Administration

Credits: 3
A study of the basic concepts of leadership and management as applied to a fire service organization. Emphasis is given to the development of organizational and communication skills for interdepartmental operations. Areas of instruction include personal management, fire signal systems, fire insurance, fire insurance regulations, and mutual aid systems. This course is designed to present the principles of management theory, and its application in the fire service. The course is intended for officers whose area of responsibility encompasses long and short range planning, budgeting, and administration. This course may require work to be done prior to and/or following attendance at the course. Students will be notified prior to the class.
Terms offered: F, W, S
Classification: Occupational

FFP2810 - Fire Fighting Tactics and Strategies I

Credits: 3
The curriculum is designed to cover basic factors involved in coping with an emergency scene, and determining the best use of available resources in protecting lives and property. The course emphasizes the changing nature of an emergency situation and the ways in which the fire officer can evaluate the effectiveness of his or her proposed Incident Action Plan. This course may require work to be done prior to and/or following attendance at the course. Students will be notified prior to the class.
Terms offered: F
Classification: Occupational

FFP2811 - Fire Fighting Tactics and Strategies II

Credits: 3
Advanced study of the fire attack. Includes study of ladder company operations, company duties and operations in a fire ground situation, engine company operations, handling of a major fire, and special fire problems. Curriculum covers multiple company operations, logistics, strategy, use of mutual aid forces, and conflagration control. The course is intended for officers who may be in command of fires and other emergencies involving close coordination and maximum use of large amounts of staffing and equipment. Typical tactical situations and case histories are given. The development of critical thinking skills is stressed. This course may require work to be done prior to and/or following attendance at the course. Students will be notified prior to the class.
Terms offered: W
Classification: Occupational

Foreign Languages

ASL1140 - Introduction to American Sign Language I

Credits: 4
An introduction to the linguistic structure and conceptual vocabulary of American Sign Language as used by deaf adults. The course emphasizes the development of sign language skills and the ability to translate from ASL to English and English to ASL. Various sign systems and regional signs will also be described. The course also describes the history, values and culture of deaf persons in America.
Terms offered: F, W
Classification: Parallel

ASL1150 - Introduction to American Sign Language II

Credits: 4
Prerequisites: ASL 1140
This course is a continuation of ASL 1140, emphasizing intermediate-level sign vocabulary, increasingly complex grammatical construction, idioms, inflectional usage and the development of intermediate receptive and expressive conversational American Sign Language skills.
Terms offered: F, W, S
Classification: Parallel

CHI1120 - Elementary Chinese I, Concentrated

Credits: 4
This course teaches true beginners basic Chinese language skills including listening, speaking, reading and writing. Mastery of 350 Chinese characters, basic spoken and literary syntax and pronunciation are key objectives along with an understanding of the cultural context of the Chinese language.
Terms offered: F, W
Classification: Parallel

CHI1121 - Elementary Chinese II, Concentrated

Credits: 4
Prerequisites: CHI 1120
CHI 1121 continues the introduction of elementary Mandarin Chinese begun in CHI 1120. CHI 1121 is designed for students who have had an introduction to Chinese, but have not completed their language requirement or who want to increase their Chinese proficiency. The content of this course is designed to complete the structural aspect of the language started in CHI 1120, continue learning how to write Chinese characters, and strengthen the students' ability to communicate in the language.
Terms offered: F, W
Classification: Parallel

FRE1120 - Elementary French I

Credits: 4
This course stresses fundamentals of grammar and drills in pronunciation and reading, with special emphasis on oral expression in French. (3 hours lecture and 2 hours laboratory per week)
Terms offered: F
Classification: Parallel

FRE1121 - Elementary French II

Credits: 4
Prerequisites: FRE 1120
This course is a continuation of FRE 1120. It continues to stress fundamentals of grammar and drills in pronunciation and reading, with special emphasis on oral expression in French. (3 hours lecture and 2 hours laboratory per week)
Terms offered: W
Classification: Parallel

SPN1120 - Elementary Spanish I

Credits: 4
This course stresses fundamentals of grammar and drills in pronunciation and reading, with special emphasis on oral expression in Spanish. The student is required to attend a minimum of two hours of laboratory per week in addition to classroom work. (3 hours lecture and 2 hours laboratory per week)
Terms offered: F, W, S
Classification: Parallel

SPN1120H - Elementary Spanish I Honors

Credits: 4
This course stresses fundamentals of grammar and drills in pronunciation and reading, with special emphasis on oral expression in Spanish. The student is required to attend a minimum of two hours of laboratory per week in addition to classroom work. The honors component consists of specialized vocabulary and an emphasis on business applications of Spanish language and culture. Admission to the Honors Institute, a 3.3 or higher GPA or permission of the instructor is required. (3 hours lecture and 2 hours laboratory per week)
Terms offered: F, W, S
Classification: Parallel

SPN1121 - Elementary Spanish II

Credits: 4
Prerequisites: SPN 1120
A continuation of SPN 1120. The course continues to stress fundamentals of grammar and drills in pronunciation and reading, with special emphasis on oral expression in Spanish. The student is required to attend a minimum of two hours of laboratory per week in addition to classroom work. (3 hours lecture and 2 hours laboratory per week)
Terms offered: F, W, S
Classification: Parallel

SPN1121H - Elementary Spanish II Honors

Credits: 4
Prerequisites: SPN 1120
This course continues SPN 1120 in stressing fundamentals of grammar and drills in pronunciation and reading, with special emphasis on oral expression in Spanish. The student is required to attend a minimum of two hours of laboratory per week in addition to classroom work. The honors component consists of specialized vocabulary and an emphasis on business applications of Spanish language and culture. Admission to the Community of Scholars program, a 3.3 or higher GPA or permission of the instructor is required.(3 hours lecture and 2 hours laboratory per week)
Terms offered: F, W, S
Classification: Parallel

SPN2220 - Intermediate Spanish I

Credits: 4
Prerequisites: SPN 1121
This course is designed to develop ability to read with comprehension from materials dealing with the Spanish and Spanish-American civilization. Oral practice continues in the discussion of materials. The student is required to attend a minimum of two hours of laboratory per week in addition to classroom work. Offered on a limited basis. (3 hours lecture and 2 hours laboratory per week)
Terms offered: F
Classification: Parallel

SPN2221 - Intermediate Spanish II

Credits: 4
Prerequisites: SPN 2220
This course continues to develop ability to read with comprehension from materials dealing with the Spanish and Spanish-American civilization. Oral practice continues in the discussion of materials. The student is required to attend a minimum of two hours of laboratory per week in addition to classroom work. Offered on a limited basis. (3 hours lecture and 2 hours laboratory per week)
Terms offered: W
Classification: Parallel

Logistics

TRA2010 - Transportation and Distribution

Credits: 3
This course explores the role and importance of transportation in the distribution of goods. The focus of the course will be on the infrastructure of the freight transportation system, modes of transportation, transportation regulations and public policy. Students will be introduced to the carrier cost structures, operating characteristics and policy regulations regarding each of the transportation modes.
Terms offered: F
Classification: Occupational

TRA2131 - Purchasing and Inventory Management

Credits: 3
Prerequisites: TRA 2154
This course provides a comprehensive introduction to the purchasing and supply chain management field. Cases cover purchasing and supply chain issues in a variety of settings, from process industries to high-tech manufacturing and services as well as public institutions. Emphasis is on the purchasing process as it relates to such topics as inventory control procedures, price/cost analysis, laws and ethics, vendor selection and the development of vendor relationships.
Terms offered: W
Classification: Occupational

TRA2154 - Introduction to Supply Chain Management

Credits: 3
This course provides a general knowledge of supply chain management and the associated functions necessary for delivery of goods and services to customers. The course will focus on what employees and managers must do to ensure an effective supply chain exists in their organization. Students will be introduced to the following topics: overview of SCM functions such as order processing, transportation, warehousing, purchasing and inventory, e-Commerce, information flow and customer service.
Terms offered: F
Classification: Occupational

TRA2230 - Warehouse Management

Credits: 3
This course provides an overview related to concepts of warehousing management including the types of equipment, storage processes and systems, the technologies used to identify and track units in a warehouse, and the regulations designed to ensure safety in warehouse operations.
Terms offered: W
Classification: Occupational

Mathematics

MAC1105 - College Algebra

Credits: 3
Prerequisites: MAT 1033
In this course, students will develop problem solving skills, critical thinking, computational proficiency, and contextual fluency through the study of equations, functions, and their graphs. Emphasis will be placed on quadratic, exponential, and logarithmic functions. Topics will include solving equations and inequalities, definition and properties of a function, domain and range, transformations of graphs, operations on functions, composite and inverse functions, basic polynomial and rational functions, exponential and logarithmic functions, and applications.
Terms offered: F, W, S
Gordon Rule Applies.
Classification: Parallel

MAC1105H - Honors College Algebra

Credits: 3
Prerequisites: MAT 1033
In this course, students will develop problem solving skills, critical thinking, computational proficiency, and contextual fluency through the study of equations, functions, and their graphs. Emphasis will be placed on quadratic, exponential, and logarithmic functions. Topics will include solving equations and inequalities, definition and properties of a function, domain and range, transformations of graphs, operations on functions, composite and inverse functions, basic polynomial and rational functions, exponential and logarithmic functions, and applications. This is an Honors course.
Terms offered: F, W, S
Gordon Rule applies.
Classification: Parallel

MAC1114 - Trigonometry

Credits: 3
Prerequisites: MAC 1105
This course is designed to assist students in developing the trigonometric background for the calculus curriculum and/or other areas that require a trigonometry course. Graphing calculator and/or computer algebraic system work is required in this course. Students may be able to place into this course by attaining specific scores on state-approved common placement tests. Students should consult with their advisor if they would like to pursue this option.
Terms offered: F, W, S
Gordon Rule Applies.
Classification: Parallel

MAC1140 - Precalculus (Algebra)

Credits: 3
Prerequisites: MAC 1105
This course is designed for students who need to develop the appropriate background for the calculus curriculum. This course includes discussion of functions (from an analytical, numerical and graphical perspective) that are needed in upper mathematics courses, conic sections, matrices and determinants, sequences and series, mathematical induction and the Binomial Theorem. Graphing calculator and/or computer algebraic system work is required in the course. Students may be able to place into this course by attaining specific scores on state-approved common placement tests. Students should consult with their advisor if they would like to pursue this option.
Terms offered: F, W, S
Gordon Rule Applies.
Classification: Parallel

MAC1147 - Precalculus Algebra/Trigonometry

Credits: 5
Prerequisites: MAC 1105 or MAC 2233
This course is designed for students who need to develop the algebraic and trigonometric background for calculus curriculum. This course will be a combination of the courses MAC 1140 and MAC 1114. It will cover such topics as quadratics, polynomials, exponentials, logarithms, matrices, determinants, conic sections, sequences, series, the Binomial Theorem, trigonometric functions, the unit circle and trigonometric identities. Graphing calculators and/or computer algebra systems will be used and required in this course. Students may be able to place into this course by attaining specific scores on state-approved common placement tests. Students should consult with their advisor if they would like to pursue this option.
Terms offered: F, W
Gordon Rule Applies.
Classification: Parallel

MAC2233 - Calculus for Business and Social Science

Credits: 3
Prerequisites: MAC 1140
An introduction to calculus with applications to business and the social sciences. The course includes the study of functions, limits, continuity, differentiation and integration of algebraic, logarithmic and exponential functions, rates of change and curve sketching. Emphasis is on modeling and practical applications in solving business, economic and social science problems. Graphing calculator and/or computer algebraic system work is required in the course. Students may be able to place into this course by attaining specific scores on state-approved common placement

tests. Students should consult with their advisor if they would like to pursue this option.
Terms offered: F, W, S
Gordon Rule Applies.
Classification: Parallel

MAC2233H - Calculus for Business and Social Sciences Honors

Credits: 3
Prerequisites: MAC 1140
An introduction to calculus with applications to business and the social sciences. The course includes the study of functions, limits, continuity, differentiation and integration of algebraic, logarithmic and exponential functions, rates of change and curve sketching. Emphasis is on modeling and practical applications in solving business, economic and social science problems. Graphing calculator and/or computer algebraic system work is required in the course. Students may be able to place into this course by attaining specific scores on state-approved common placement tests. Students should consult with their advisor if they would like to pursue this option.
Terms offered: F, W, S
Gordon Rule applies.
Classification: Parallel

MAC2311 - Calculus I with Analytic Geometry

Credits: 5
Prerequisites: MAC 1114 and MAC 1140 or MAC 1147
In this course, students will develop problem solving skills, critical thinking, computational proficiency, and contextual fluency through the study of limits, derivatives, and definite and indefinite integrals of functions of one variable, including algebraic, exponential, logarithmic, and trigonometric functions, and applications. Topics will include limits, continuity, differentiation and rates of change, optimization, curve sketching, and introduction to integration and area.
Terms offered: F, W, S
Gordon Rule Applies.
Classification: Parallel

MAC2311H - Calculus I with Analytic Geometry Honors

Credits: 5
Prerequisites: MAC 1114 and MAC 1140 , or MAC 1147
In this course, students will develop problem solving skills, critical thinking, computational proficiency, and contextual fluency through the study of limits, derivatives, and definite and indefinite integrals of functions of one variable, including algebraic, exponential, logarithmic, and trigonometric functions, and applications. Topics will include limits, continuity, differentiation and rates of change, optimization, curve sketching, and introduction to integration and area. This is an Honors course.
Terms offered: F, W, S
Gordon Rule applies.
Classification: Parallel

MAC2312 - Calculus II with Analytic Geometry

Credits: 5
Prerequisites: MAC 2311
This course is designed to cover single variable calculus, differential equations, applications of integration, antiderivative techniques, indeterminate forms, sequences and series, analytic geometry, parametric equations and polar coordinates.
Terms offered: F, W
Gordon Rule Applies.
Classification: Parallel

MAC2312H - Calculus II with Analytic Geometry Honors

Credits: 5
Prerequisites: MAC 2311
This course is designed to cover single variable calculus, differential equations, applications of integration, antiderivative techniques, indeterminate forms, sequences and series, analytic geometry, parametric equations and polar coordinates.
Terms offered: F, W, S
Gordon Rule applies.
Classification: Parallel

MAC2313 - Calculus III with Analytic Geometry

Credits: 4
Prerequisites: MAC 2312
This course is designed to cover calculus topics in both two and three dimensions, including vector calculus, partial differentiation, multiple integrals, line and surface integrals.
Terms offered: F, W
Gordon Rule Applies.
Classification: Parallel

MAC2313H - Calculus III with Analytic Geometry Honors

Credits: 4
Prerequisites: MAC 2312
This course is designed to cover calculus topics in both two and three dimensions, including vector calculus, partial differentiation, multiple integrals, line and surface integrals. Designed for honors students (especially engineering and other STEM pathways), the course will be enhanced by special activities such as group projects, guest speakers, or field trips. Admission to the Community of Scholars or a 3.3 GPA (or higher) plus instructor permission is required.
Terms offered: F
Gordon Rule Applies.
Classification: Parallel

MAD2104 - Discrete Mathematics

Credits: 3
Prerequisites: MAC 1105
This is a course in discrete mathematics where many different topics are covered such as basic mathematical logic, predicates and quantifiers, binary operation, methods of proof in mathematics which includes proof by contradiction and mathematical induction, recurrence relations, recursive definitions, basic set theory, simple graph theory, number theory, counting principle, algorithms, sequences and summation, discrete probability, modular arithmetic, functions and relations. Emphasis is on computer related applications in information technology, computer engineering and computer science.
Terms offered: F
Gordon Rule Applies.
Classification: Parallel

MAP2302 - Elementary Differential Equations

Credits: 3

Prerequisites: MAC 2312

This is a first course in ordinary differential equations and applications. This course covers homogeneous and non-homogeneous equations, linear equations with constant coefficients, power series method, Laplace transform, systems of first order differential equations and numerical solutions.

Terms offered: W, S

Gordon Rule Applies.

Classification: Parallel

MAP2302H - Elementary Differential Equations Honors

Credits: 3

Prerequisites: MAC 2312

This is a first course in ordinary differential equations and applications. This course covers homogeneous and non-homogeneous equations, linear equations with constant coefficients, power series method, Laplace transform, systems of first order differential equations and numerical solutions. Gordon Rule applies. Designed for honors students (especially engineering and other STEM pathways), the course will be enhanced by special activities such as group projects, guest speakers, or field trips. Admission to the Community of Scholars or a 3.3 GPA (or higher) plus instructor permission is required.

Terms offered: W, S

Gordon Rule Applies.

Classification: Parallel

MAS2103 - Matrix and Linear Algebra

Credits: 4

Prerequisites: MAC 2312

This is a course in matrix and linear algebra where many different topics are covered such as matrices, determinants, linear independence, basis, solutions of systems, linear transformations, vector spaces and subspaces over the reals, single value decomposition, dimension of a vector space, the rank of a matrix, the Rank Theorem, the Invertible Matrix Theorem, the Basis Set Theorem, the Spanning Set Theorem, the Gram-Schmidt Process, orthogonal sets, and eigen vectors.

Terms offered: W

Gordon Rule applies.

Classification: Parallel

MAT0057 - Introduction to College Math (Module 3.0)

Credits: 3

This modularized mathematics course focuses on strengthening arithmetic, geometry, and algebra skills and addressing individual areas of need. Student course work will be determined by a diagnostic exam. Successful completion of this course requires mastery of all skills identified by the diagnostic exam. In addition, successful completion of this course requires a passing score on the Developmental Mathematics Departmental Final Exam. Students scoring between 50-113 on the PERT or the equivalent to this score on the ACT or SAT are encouraged to enroll in this course.

Terms offered: F, W, S

This course may be repeated for credit. Classification: Prep

MAT1033 - Intermediate Algebra

Credits: 3

This course is intended to provide students with the opportunity to develop a mathematical foundation necessary to take College Algebra, Statistics and/or other Gordon Rule mathematics courses. This course counts as elective credit only. It does NOT count as mathematics credit.

Terms offered: F, W, S

Classification: Parallel

MGF1130 - Thinking Mathematically

Credits: 3

In this course, students will utilize multiple means of problem solving through student-centered mathematical exploration. The course is designed to teach students to think more effectively and increase their problem-solving ability through practical application and divergent thinking. This course is appropriate for students in a wide range of disciplines/programs.

Terms offered: F, W, S

Gordon Rule Applies.

Classification: Parallel

MGF1131 - Mathematics in Context

Credits: 3

Through this course, students will experience the practicality of mathematics in a global society. Students will engage in the applications of tools and techniques of mathematics in a variety of contextual situations.

Terms offered: F, W, S

Gordon Rule Applies.

Classification: Parallel

STA2023 - Elementary Statistics

Credits: 3

In this course students will utilize descriptive and inferential statistical methods in contextual situations, using technology as appropriate. The course is designed to increase problem-solving abilities and data interpretation through practical applications of statistical concepts. This course is appropriate for students in a wide range of disciplines and programs.

Terms offered: F, W, S

Gordon Rule Applies.

Classification: Parallel

STA2023H - Honors Elementary Statistics

Credits: 3

In this course students will utilize descriptive and inferential statistical methods in contextual situations, using technology as appropriate. The course is designed to increase problem-solving abilities and data interpretation through practical applications of statistical concepts. This course is appropriate for students in a wide range of disciplines and programs. This is an Honors course.

Terms offered: F, W, S

Gordon Rule Applies.

Classification: Parallel

Music

Applied-Music Courses - Applied Music - Principal Level

Credits: 2

One-hour private lesson per week. This course is designed for students who desire applied music instruction at the collegiate level and for music majors who must study a secondary instrument for degree requirements. Pupils study scales, chords, etudes, and standard repertoire for their respective instruments. Vocal students complete exercises and standard repertoire for each type of voice. The college charges a lab fee in addition to registration fees. The 1300-level courses are for first-year instruction. The 2300-level courses are for second-year instruction.

MVB 1311 - MVB 2321	Trumpet
MVB 1312 - MVB 2322	Horn
MVB 1313 - MVB 2323	Trombone
MVB 1314 - MVB 2324	Baritone Horn
MVB 1315 - MVB 2325	Tuba
MVP 1311 - MVP 2321	Percussion
MVW 1311 - MVW 2321	Flute
MVW 1312 - MVW 2322	Oboe
MVW 1313 - MVW 2323	Clarinet
MVW 1314 - MVW 2324	Bassoon
MVW 1315 - MVW 2325	Saxophone
MVK 1311 - MVK 2321	Piano
MVV 1311 - MVV 2321	Voice
MVO 2320 - MVO 2321	Other Instruments
MVS 1311 - MVS 2321	Violin
MVS 1312 - MVS 2322	Viola
MVS 1313 - MVS 2323	Violoncello
MVS 1314 - MVS 2424	Double Bass
MVS 1316 - MVS 2326	Guitar

Terms offered: F, W, S

These courses may be repeated for credit.

Classification: Parallel

Applied-Music Courses - Applied Music - Secondary Level

Credits: 1

One half-hour private lesson per week. This course is designed for students who desire applied music instruction at the collegiate level and for music majors who must study a secondary instrument for degree requirements. Pupils study scales, chords, etudes, and standard repertoire for their respective instruments. Vocal students complete exercises and standard repertoire for each type of voice. The college charges a lab fee in addition to registration fees. The 1000-level courses are for first-year instruction. The 2000-level courses are for second-year instruction.

MVB 1211 - MVB 2221	Trumpet
MVB 1212 - MVB 2222	Horn
MVB 1213 - MVB 2223	Trombone
MVB 1214 - MVB 2224	Baritone Horn
MVB 1215 - MVB 2225	Tuba
MVP 1211 - MVP 2221	Percussion
MVW 1211 - MVW 2221	Flute
MVW 1212 - MVW 2222	Oboe
MVW 1213 - MVW 2223	Clarinet
MVW 1214 - MVW 2224	Bassoon
MVW 1215 - MVW 2225	Saxophone
MVK 1211 - MVK 2221	Piano
MVV 1211 - MVV 2221	Voice
MVO 2220 - MVO 2221	Other Instruments
MVS 1211 - MVS 2221	Violin
MVS 1212 - MVS 2222	Viola
MVS 1213 - MVS 2223	Violoncello
MVS 1214 - MVS 2224	Double Bass
MVS 1216 - MVS 2226	Guitar

Terms offered: F, W, S

Courses may be repeated for credit.

Classification: Parallel

MUC1101 - Introduction to Music Composition

Credits: 2

Introduction to Music Composition for the serious student of music. The material will encompass basic compositional terms and techniques and enable the student to progress into MUC 1102, a repeatable course of basic/intermediate composition.

Terms offered: F

Classification: Parallel

MUC1102 - Music Composition

Credits: 2

Prerequisites: MUC 1101

Music Composition for the serious student of music. The material will encompass more advanced compositional terms and techniques and enable the student to repeat MUC 1102, a course of basic/intermediate composition.

Terms offered: W

This course may be repeated for credit. Classification: Parallel

MUC2301 - Introduction to Electronic Music

Credits: 3

Explore the evolution and diversity of electronic music through an immersive journey into its history and repertoire. Delve into the fundamental principles of sound studio techniques, covering a wide array of standard practices. Gain insight into the application of basic electronics within the realm of electronic sound synthesis, unlocking the creative potential of technology in music production. Additionally, discover the intersection of mathematics and music composition, exploring how mathematical concepts inform the creation and manipulation of electronic music compositions.

Terms offered: F

Classification: Parallel

MUE2040 - Introduction to Music Education

Credits: 3

This course introduces education students to the music education profession. It is the first course in the music education curriculum for students working toward a vocal, general or instrumental K-12

teaching certificate in Florida. The organization and curriculum of American music education in the total program of the school will be explored. Observation in a variety of school settings will enrich class discussion.
Terms offered: F
Classification: Parallel

MUE2450 - Woodwind Techniques

Credits: 2
Group instruction in woodwind instruments with emphasis upon basic skills of performance, as well as the appropriate teaching techniques, methods and materials necessary for public school pedagogy.
Terms offered: F, W
Classification: Parallel

MUL1010 - Music Appreciation

Credits: 3
In this course, students will survey the history of classical music from Antiquity to the modern period, focusing on Western music. The curriculum may also integrate a variety of popular and global styles where appropriate.
Terms offered: F, W, S
Classification: Parallel

MUM2700 - Introduction to Music Business

Credits: 3
An introduction to the history, principles and practices of the music industry. A systematic survey of the career options in the music industry. Topics include recording, publishing, licensing, copyrights, promotions, arts managements, music and instrument merchandising, contracts, music in mass communication, the internet and the music industry, live performance on a local and national basis, career options and career development with emphasis on commercial enterprise and basic website development.
Terms offered: F
Classification: Dual

MUN1012 - Wind Symphony

Credits: 1
This ensemble of wind, percussion, and string instruments performs traditional wind band repertoire as well as transcriptions and arrangements of symphonic literature. Repertoire will represent various periods of western European history (Renaissance-Modern) and include also select popular styles. Membership is open to all students. Audition required. Chair placement is based on audition at the beginning of the semester.
Terms offered: F, W
This course may be repeated for credit.
Classification: Parallel

MUN1021 - Electronic Music Ensemble

Credits: 1
This class is open to everyone. This course is designed to teach the fundamentals of music through performance on iPads. Students will deconstruct popular pieces of music from all genres to study the components that make them unique. Components such as time signature, key signatures, variety of instruments, rhythm, and pitch will be explored. Students will recreate the pieces of music through various apps on the iPad. iPads will be available to students to use during classes. MUN1021 allows non-musicians the opportunity to create and perform music.
Terms offered: W
This course may be repeated for credit.
Classification: Parallel

MUN1270 - Concert Band

Credits: 1
This large ensemble studies and performs standard concert band repertoire. The group performs public concerts each semester. Audition and permission of instructor are required.
Terms offered: F, W
This course may be repeated for credit.
Classification: Parallel

MUN1310 - Musical Theatre Ensemble

Credits: 2
Audition and permission of instructor required. An entertainment-oriented choral ensemble that represents the college through performance of a varied repertoire of choral music, often with choreography. Membership by audition only.
Terms offered: F, W
This course may be repeated for credit.
Classification: Parallel

MUN1340 - Concert Choir

Credits: 1
Audition and permission of instructor required. This course includes the study and performance of works representative of a wide spectrum of literature designed for a small vocal ensemble. It is open to all students through audition and by permission of the instructor. The course is designed for the student who enjoys serious choral literature and possesses musicianship skills.
Terms offered: F, W
This course may be repeated for credit.
Classification: Parallel

MUN1341 - Chamber Choir

Credits: 1
The goals of this course are to prepare and perform appropriate choral literature at the highest possible level, and to represent the College of Central Florida in public performance. In the process, students will learn proper and healthy singing techniques, musical terms and choral concepts. This choir will represent the College at off campus and special events. Instructor approval is required.
Terms offered: F, W
This course may be repeated for credit.
Classification: Parallel

MUN1410 - String Ensemble

Credits: 1
This course is designed for students who desire to rehearse and perform in a string ensemble (orchestra) without winds and percussion. Until such time as there are significant numbers of strings to form a chamber orchestra, the string students will be assigned this ensemble as their major performing group. Permission of instructor is required.
Terms offered: F, W
This course may be repeated for credit.
Classification: Parallel

MUN1420 - Woodwind Ensemble

Credits: 1
This small ensemble studies and performs chamber music for woodwind instruments.
Terms offered: F, W
This course may be repeated for credit.
Classification: Parallel

MUN1430 - Brass Ensemble

Credits: 1
This small ensemble studies and performs chamber music for brass instruments. Permission of instructor required.
Terms offered: F, W
This course may be repeated for credit.
Classification: Parallel

MUN1440 - Percussion Ensemble

Credits: 1
This small ensemble studies and performs chamber music for percussion instruments. Permission of instructor required.
Terms offered: F, W
This course may be repeated for credit.
Classification: Parallel

MUN1710 – Jazz Band

Credits: 1
Audition and permission of instructor are required. This ensemble studies and performs Big Band jazz arrangements from the 1930s to the present. Improvisation will be studied. The group performs both on and off campus each semester.
Terms offered: F, W
This course may be repeated for credit.
Classification: Parallel

MUN1770 - Jazz/Pop Combo Ensemble

Credits: 1
Audition and permission of instructor are required. This select combo performs with Variations show choir in a wide variety of popular musical styles. The group performs both on and off campus, touring occasionally.
Terms offered: F, W
This course may be repeated for credit.
Classification: Parallel

MUS1360 - Introduction to Music Technology

Credits: 4
This course is aimed at teaching the basics of music-specific technology and its application to a career in the music field. The course is designed to lay the foundation for a wide variety of topics and applications including use of music notation software, MIDI control and creation, sound recording and construction of digital audio workstations. Computer hardware and sound equipment will be analyzed and dissected.
Terms offered: W
Classification: Parallel

MUT1001 - Fundamentals of Music

Credits: 3
This course introduces the basics of music, including clefs, pitch, rhythm, scales, keys and intervals. The course is open to all students and is required for music majors with little or no previous music theory background.
Terms offered: F, W
Classification: Parallel

MUT1111 - Music Theory I

Credits: 3
The course begins with written and analytical study of diatonic musical materials, including scales, keys, intervals, triads, seventh chords, chord progressions and non-harmonicism. Skills needed: reading music, piano or instrument training.
Terms offered: F
Classification: Parallel

MUT1112 - Music Theory II

Credits: 3
Prerequisites: MUT 1111
Corequisites: MUT 1242
The course continues written and analytical study of diatonic musical materials, including four-voice part writing triads, seventh chords, chord progressions, modulation and non-harmonicism.
Terms offered: W
Classification: Parallel

MUT1241 - Sightsinging and Eartraining I

Credits: 1
Corequisites: MUT 1111
Students begin development of eartraining, sightsinging, and dictation skills using diatonic materials.
Terms offered: F
Classification: Parallel

MUT1242 - Sightsinging and Eartraining II

Credits: 1
Prerequisites: MUT 1241
Corequisites: MUT 1112
Students continue development of eartraining, sightsinging, and dictation skills using diatonic materials.
Terms offered: W
Classification: Parallel

MUT2116 - Music Theory III

Credits: 3
Prerequisites: MUT 1112
Corequisites: MUT 2246
The course continues written and analytical study of musical materials, including chromatic material, binary and ternary forms, diatonic seventh chords and chromatic sixth chords.
Terms offered: F
Classification: Parallel

MUT2117 - Music Theory IV

Credits: 3
Prerequisites: MUT 2116
Corequisites: MUT 2247
The course continues written and analytical study of musical materials, including chromatic, impressionistic, and 20th century music, 9th, 11th, and 13th chords, and chords and progressions in special situations.
Terms offered: W
Classification: Parallel

MUT2246 - Sightsinging and Eartraining III

Credits: 1
Prerequisites: MUT 1242

Corequisites: MUT 2116
Students continue development of eartraining, sightsinging, and dictation skills including chromatic materials and modulation.
Terms offered: F
Classification: Parallel

MUT2247 - Sightsinging and Eartraining IV

Credits: 1
Prerequisites: MUT 2246
Corequisites: MUT 2117
Students continue development of eartraining, sightsinging, and dictation skills including chromatic and atonal music.
Terms offered: W
Classification: Parallel

MVK1111 - Class Piano I

Credits: 1
Class instruction. This course is designed to teach piano skills and competencies to students in nonpiano areas of interest. It includes keyboard familiarization, note and rhythmic reading, finger techniques, ensembles and easy literature. This course is open to all students.
Terms offered: F, W
This course may be repeated for credit.
Classification: Parallel

MVK1112 – Class Piano II

Credits: 1
Prerequisites: MVK 1111
Class instruction. A continuation of MVK 1111, the course includes continued work in finger technique, scales, harmonization of melodies, ensembles, and intermediate literature. The course is open to all students.
Terms offered: W
This course may be repeated for credit.
Classification: Parallel

MVK2121 - Class Piano III

Credits: 1
Prerequisites: MVK 1112
Class instruction. For students in music fields other than keyboard principals. Sight-reading, harmonizing, transposing, improvising, accompanying, intermediate keyboard technique, repertoire and further musicianship will be accomplished.
Terms offered: F
This course may be repeated for credit.
Classification: Parallel

MVK2122 - Class Piano IV

Credits: 1
Prerequisites: MVK 2121
Class instruction. A continuation of MVK 2121. For students in music fields other than keyboard principals. Continued work in technique, scales, transposing, harmonizing, sight-reading, improvisation, accompanying and late intermediate repertoire.
Terms offered: W
This course may be repeated for credit.
Classification: Parallel

MVS1816 - Class Guitar

Credits: 1
Class Instruction. This course is designed to teach beginning guitar students to learn the fundamentals of acoustic guitar musicianship. It includes posture, note and rhythmic reading, fingerings, chords and beginning literature. This course is open to all students.
Terms offered: F, W
This course may be repeated for credit.
Classification: Parallel

MVV1111 - Class Voice

Credits: 1
This is a one-semester class instruction in voice designed to help the nonmusic and music major student in developing fundamental vocal and musicianship skills. Open to all students.
Terms offered: F, W
This course may be repeated for credit.
Classification: Parallel

Natural Sciences

AST1002 - Descriptive Astronomy

Credits: 3
This course provides a comprehensive look at modern astronomy, emphasizing the use of the scientific method and the application of physical laws to understand the universe including Earth and its environment. Throughout this course, students will develop the ability to discern scientific knowledge from nonscientific claims by using critical thinking.
Terms offered: W
Classification: Parallel

BOT1000 - Plant Science

Credits: 3
This introductory course is a basic study of plant science fundamentals. Topics include plant growth and development, plant structure, photosynthesis, respiration, and the influence of abiotic and biotic factors on plant growth. This course will emphasize implications and applications to crop production.
Classification: Parallel

BSC1005 - Introduction to Biology

Credits: 3
This course applies the scientific method to critically examine and explain the natural world including but not limited to cells, organisms, genetics, evolution, ecology, and behavior.
Terms offered: F, W, S
Classification: Parallel

BSC1005H - Introduction to Biology Honors

Credits: 3
This course applies the scientific method to critically examine and explain the natural world including but not limited to cells, organisms, genetics, evolution, ecology, and behavior. This is an honors course. Admission to the Community of Scholars OR a 3.3 GPA (or higher) plus instructor permission is required.
Terms offered: W
Classification: Parallel

BSC1005L - Introduction to Biology Lab

Credits: 1
Corequisites: BSC 1005
Laboratory experiments designed to reflect the topics presented in BSC 1005.

Terms offered: F, W, S
Classification: Parallel

BSC1080 - Basic Anatomy and Physiology

Credits: 3
A basic anatomy and physiology nonlaboratory course that may be used to meet general education science requirements. Emphasis will be placed on the structure of the human body, the function of its many different systems, and the diseases associated with these systems. Check your particular program of study to verify that this course meets needed requirements.
Terms offered: F, W, S
Classification: Parallel

BSC2010 - Integrated Principles of Biology I

Credits: 3
In this course students will apply the scientific method to critically examine and explain the natural world. This course will cover molecular biology, cellular biology, genetics, metabolism, and replication.
Terms offered: F, W, S
Classification: Parallel

BSC2010L - Integrated Principles of Biology Laboratory I

Credits: 1
Corequisites: BSC 2010
Laboratory experiments designed to accompany BSC 2010. Students should register for BSC 2010 and BSC2010L concurrently.
Terms offered: F, W, S
Classification: Parallel

BSC2011 - Integrated Principles of Biology II

Credits: 3
Prerequisites: BSC 2010
This course explores the origin of life on our planet and examines the process of evolution that shaped the vast diversity of life forms such as prokaryotes, algae, fungi, plants, animals that occupy/occupied the planet throughout its vast history. Completion of BSC 2010 is recommended before taking this course. To receive lab credit, students should also register for BSC 2011L. This course is intended for science majors.
Terms offered: F, W, S
Classification: Parallel

BSC2011L - Integrated Principles of Biology Laboratory II

Credits: 1
Prerequisites: BSC 2010L
Corequisites: BSC 2011
Laboratory experiments designed to accompany BSC 2011. Students should register for BSC 2011 and BSC2011L concurrently.
Terms offered:
Classification: Parallel

BSC2085 - Human Anatomy and Physiology I

Credits: 3
This course is the first part of a two-semester sequence in which students examine human anatomy and physiology through a systems approach based on the interaction between form and function, from the microscopic components of cells and tissues to the organismal level. Emphasis is placed on histology and the integumentary, skeletal, muscular, and nervous systems.
Terms offered: F, W, S
Classification: Parallel

BSC2085L - Human Anatomy and Physiology I Lab

Credits: 1
Corequisites: BSC 2085
Laboratory experiments designed to accompany BSC 2085. Students should register for BSC 2085 and BSC2085L concurrently.
Terms offered: F, W, S
Classification: Parallel

BSC2086 - Human Anatomy and Physiology II

Credits: 3
Prerequisites: BSC 2085
A continuation of BSC 2085 that covers the following organ systems: endocrine, cardiovascular, lymphatic, respiratory, immune, digestive, urinary and reproductive. Metabolism, fluid balance and homoeostatic mechanisms are included.
Terms offered: F, W, S
Classification: Parallel

BSC2086L - Human Anatomy and Physiology II Lab

Credits: 1
Prerequisites: BSC 2085L
Corequisites: BSC 2086
Laboratory experiments designed to accompany BSC 2086. Students should register for BSC 2086 and BSC2086L concurrently.
Terms offered: F, W, S
Classification: Parallel

BSC2862C - Global Change, Ecology and Sustainability

Credits: 4
This course will describe ecological principles and how humans have impacted ecological processes locally, regionally, and globally. These changes include land use, element cycles, climate, species distribution, biodiversity, and rate of extinctions. Students will learn the best management practices, technologies, and human behaviors that may reverse or slow these changes and promote sustainability, with a focus on the Florida artesian springs. Students will also learn how sustainability science and conservation biology blends scientific method with the humanities and social sciences to establish a deeper understanding of engage with the biosphere.
Terms offered: F
Gordon Rule applies.
Classification: Parallel

CHM1020 - Chemistry for Liberal Studies

Credits: 4
This course provides students with an introduction to chemical principles and applications for the nonscience major. Students will engage in problem solving and critical thinking while applying chemical concepts. Topics will include the scientific method of problem solving, classification of matter, atomic theory, the periodic table, gases, chemical reactions, energy, and chemical bonds.

Terms offered: F
Classification: Parallel

CHM1025 - Introductory Chemistry

Credits: 3
Prerequisites: MAT 1033 or MAC 1105 or MAC 1140 or MAC 1147 or MAC 2311
Course includes study of measurements, historical approach to chemistry, periodic table, gas laws, thermodynamics, chemical stoichiometry, acids and bases, oxidation and reduction.
Terms offered: F, W, S
Classification: Parallel

CHM1025L - Introductory Chemistry Lab

Credits: 1
Prerequisites: MAT 1033 or MAC 1105 or MAC 1140 or MAC 1147 or MAC 2311
Corequisites: CHM 1025
Laboratory experiments designed to reflect the topics presented in CHM 1025. Students should register for CHM 1025 and CHM1025L concurrently.
Terms offered: F, S
Classification: Parallel

CHM1032 - Chemistry for the Health-Related Fields

Credits: 3
Prerequisites: MAT 1033 or MAC 1105 or MGF 1130
This is a basic, one-term course in chemistry for students aiming for careers in the professional health care fields. It introduces students to the basic concepts and principles of inorganic, organic and biological chemistry and their application to health care situations.
Terms offered: F, W, S
Classification: Parallel

CHM1032L - Chemistry for the Health-Related Fields Lab

Credits: 1
Prerequisites: MAT 1033
Corequisites: CHM 1032
Laboratory experiments designed to reflect the topics presented in CHM 1032. Students should register for CHM 1032 and CHM 1032L concurrently.
Terms offered: F, W, S
Classification: Parallel

CHM2045 - General Chemistry I

Credits: 3
Prerequisites: CHM 1025 and MAC 1105 or CHM 1025 and MAC 1140 or CHM 1025 and MAC 1147 or CHM 1025 and MAC 2311
This course is designed for students pursuing careers in the sciences or who need a more rigorous presentation of chemical concepts than is offered in an introductory course. Students will engage in problem solving and critical thinking while applying chemical concepts. Topics will include the principles of chemistry including atomic theory, electronic and molecular structure, measurement, stoichiometry, bonding, periodicity, thermochemistry, nomenclature, solutions, and the properties of gases.
Terms offered: F, W, S
Classification: Parallel

CHM2045L - General Chemistry I Lab

Credits: 1
Corequisites: CHM 2045
Laboratory experiments designed to reflect the topics presented in CHM 2045. Students should register for CHM 2045 and CHM 2045L concurrently.
Terms offered: F, W, S
Classification: Parallel

CHM2046 - General Chemistry II

Credits: 3
Prerequisites: CHM 2045
This course may include a review of CHM 2045, and provides additional material. Topics that are covered in CHM 2045 will be expanded. Additional topics include equilibria and qualitative analysis. May require the two-semester sequence to guarantee transfer.
Terms offered: F, W, S
Classification: Parallel

CHM2046L - General Chemistry II Lab

Credits: 1
Prerequisites: CHM 2045L
Corequisites: CHM 2046
Laboratory experiments designed to reflect the topics presented in CHM 2046. Students should register for CHM 2046 and CHM 2046L concurrently.
Terms offered: F, W, S
Classification: Parallel

CHM2210 - Organic Chemistry I

Credits: 3
Prerequisites: CHM 2046
The first term of a two-term sequence in college organic chemistry covering basic principles of structure, classification, nomenclature, synthesis and compounds of carbon. A thorough study of topics that cuts across disciplines such as medicine, veterinary science, chemical engineering, biology and pharmacy. May require the two-semester sequence to guarantee transfer.
Terms offered: F
Classification: Parallel

CHM2210H - Organic Chemistry I Honors

Credits: 3
Prerequisites: CHM 2046
This is the first term of a two-term sequence in college organic chemistry covering basic principles of structure, classification, nomenclature, synthesis and compounds of carbon. A thorough study of topics that cuts across disciplines such as medicine, veterinary science, chemical engineering, biology and pharmacy. May require the two-semester sequence to guarantee transfer. Designed for honors students (especially on science pathways), the course will be enhanced by special activities such as group projects, guest speakers or field trips. Admission to the Community of Scholars OR a 3.3 GPA (or higher) plus instructor permission is required.
Terms offered: F, W, S
Classification: Parallel

CHM2210L - Organic Chemistry I Lab

Credits: 1
Prerequisites: CHM 2046L

Corequisites: CHM 2210
Laboratory experiments designed to reflect the topics presented in CHM 2210. Students should register for CHM 2210 and CHM 2210L concurrently.
Terms offered: F
Classification: Parallel

CHM2211 - Organic Chemistry II

Credits: 3
Prerequisites: CHM 2210
This course is a continuation of CHM 2210. It completes the long form organic sequence and continues a thorough study of compounds, structures, functions, reactions and syntheses, which are important components of chemical life systems and chemical engineering. Includes the study of nomenclature, structure, physical and chemical properties and chemical behavior. May require the two-semester sequence to guarantee transfer.
Terms offered: W
Classification: Parallel

CHM2211H - Organic Chemistry II Honors

Credits: 3
Prerequisites: CHM 2210
This course is a continuation of CHM 2210. It completes the long form organic sequence and continues a thorough study of compounds, structures, functions, reactions and syntheses, which are important components of chemical life systems and chemical engineering. Includes the study of nomenclature, structure, physical and chemical properties and chemical behavior. May require the two-semester sequence to guarantee transfer. Designed for honors students (especially on science pathways), the course will be enhanced by special activities such as group projects, guest speakers, or field trips. Admission to the Community of Scholars OR a 3.3 GPA (or higher) plus instructor permission is required.
Terms offered: F, W, S
Classification: Parallel

CHM2211L - Organic Chemistry II Lab

Credits: 1
Prerequisites: CHM 2210L
Corequisites: CHM 2211
Laboratory experiments designed to reflect the topics presented in CHM 2211. Students should register for CHM 2211 and CHM 2211L concurrently.
Terms offered: W
Classification: Parallel

ESC1000 - Earth Science

Credits: 3
Using the scientific method, critical thinking skills, data analysis, this course will examine the fundamental processes of the Earth system, composed of an atmosphere, hydrosphere, lithosphere, biosphere, and exosphere, through time. The course will also explore interactions between these spheres, including critical analysis of scientific theories and emphasize Earth's connections with humans.
Terms offered: F, W, S
Classification: Parallel

ESC1000L - Earth Science Lab

Credits: 1
Corequisites: ESC 1000
Laboratory designed to accompany ESC 1000. Exercises designed to emphasize concepts and principles of Earth Science.
Terms offered: W
Classification: Parallel

ESC1200C - Earth Science for Educators

Credits: 4
A survey course of the earth sciences: geology, meteorology, oceanography, and astronomy, with a lab component. Emphasis on science content with pedagogy and applications for K-8 preservice and inservice teachers. Includes the development, by the participants in the course, of age appropriate labs and activities for K-8 students along with other teaching materials.
Terms offered: F, W, S
Classification: Parallel

EVR1001 - Introduction to Environmental Science

Credits: 3
This course is a survey of basic chemical, biological, and physical principles of environmental science and their applications to environmental issues. This course is appropriate for students in a wide range of disciplines or programs.
Terms offered: F, W, S
Classification: Parallel

EVR1001H - Introduction to Environmental Science Honors

Credits: 3
This course is a survey of basic chemical, biological, and physical principles of environmental science and their applications to environmental issues. This course is appropriate for students in a wide range of disciplines or programs.

This project-based course which will help students gain an understanding of, and solutions to, environmental problems. Students will participate in a local environmental project and assess the impact of the project.
Terms offered: F, W, S
Classification: Parallel

EVR1001L - Introduction to Environmental Science Lab

Credits: 1
Corequisites: EVR 1001
This lab experience allows students the opportunity to perform exercises in ecology and environmental science. The goal of each laboratory is to evaluate human and environmental interactions.
Terms offered: F, W, S
Classification: Classification: Parallel

EVR1264 - Environmental Health

Credits: 3
This course examines emerging human health issues due to air and water pollution, emerging infectious agents, mosquito vectored diseases and food borne illnesses. An investigation into environmental health will include loss of genetic diversity, habitat loss, degradation of the earth's natural resources and the impact on natural systems.

Terms offered: F, W, S
Classification: Parallel

GLY1102 - Age of Dinosaurs

Credits: 3
This course was created in response to the public fascination with dinosaurs. It is aimed at students in the nonscience fields. Concepts covered include the nature of fossils and the rock record, how geologic events are dated, plate tectonics, paleo-ecology, evolution, dinosaur hunters, and of course, the various groups of dinosaurs themselves. The class will also focus on three recent areas of controversy relating to dinosaurs: their hot-bloodedness, the cause of their extinction, and the evolution of birds from dinosaurs. This course may be counted as either a biological or physical science credit.
Terms offered: F
Classification: Parallel

GLY2010C - Physical Geology with Lab

Credits: 4
Using the scientific method, critical thinking skills, data analysis, this course will examine the fundamental processes of the Earth system, composed of an atmosphere, hydrosphere, cryosphere, lithosphere, biosphere, and exosphere through time. The course will also explore interactions between these spheres, including critical analysis of scientific theories and emphasize lithospheric connections with humanity.
Terms offered: W
Classification: Parallel

ISC1004H - Integrated Natural Sciences I - Honors

Credits: 3
This course is designed to explore the frontiers of science. Students examine current scientific research and developments in both the physical and biological sciences. In this course students will have an opportunity to work with many of the science faculty which will provide an optimum environment for scientific inquiry and understanding.
Terms offered: F, W, S
Classification: Parallel

MCB2010 - Microbiology

Credits: 3
Prerequisites: BSC 2010 or BSC 2085
A study of microbiology that emphasizes the effects of microorganisms on human systems. Topics will include, but not be limited to, the following: microbial cell structure, function and metabolism; requirements for and control of growth; genetics, mutations, and biotechnology; a survey of bacteria, viruses, algae, fungi, protozoa and helminths; and interactions with and impact of microbes on humans, including mechanisms of pathogenicity.
Terms offered: F, W, S
Classification: Parallel

MCB2010H - Microbiology Honors

Credits: 3
Prerequisites: BSC 2010 or BSC 2085
A study of microbiology that emphasizes the effects of microorganisms on human systems. Topics will include, but not be limited to, the following: microbial cell structure, function and metabolism; requirements for and control of growth; genetics, mutations, and biotechnology; a survey of bacteria, viruses, algae, fungi, protozoa and helminths; and interactions with and impact of microbes on humans, including mechanisms of pathogenicity. Designed for honors students (especially nursing), the course will be enhanced by special activities such as group projects, guest speakers, or field trips. Admission to the Community of Scholars or a 3.3 GPA (or higher) plus instructor permission is required.
Terms offered: F, W, S
Classification: Parallel

MCB2010L - Microbiology Lab

Credits: 1
Corequisites: MCB 2010
Laboratory experiments designed to accompany MCB 2010.
Terms offered: F, W, S
Classification: Parallel

OCB1630 - Introduction to Marine Ecology

Credits: 3
This course examines marine ecology from an ecosystem perspective. We begin with an overview of oceanographic dynamics that impact the formation and maintenance of marine habitats. We then focus on ecological processes and adaptations of marine organisms, and examine marine communities throughout the world ocean. Topics include oceanographic principles, food webs and trophic relationships, and human impact on the oceans.
Terms offered: W
Classification: Parallel

OCE1001 - Introductory Oceanography

Credits: 3
Using the scientific method, critical thinking skills, data analysis, this course will examine the fundamental processes of the ocean system, composed of an atmosphere, hydrosphere, lithosphere, and biosphere, through time. The course will also explore interactions between these spheres, including critical analysis of scientific theories and emphasize oceanic connections with humanity.
Terms offered: W, S
Classification: Parallel

PHY1020 - Elementary Physics for the Nonscience Majors

Credits: 3
This course offers a comprehensive survey of physics, covering a wide range of topics including motion, Newton's laws, energy, sound, heat, electricity, magnetism, and optics. Emphasizing a conceptual understanding of physics, the course integrates critical thinking skills and real-world applications.
Terms offered: F, W
Classification: Parallel

PHY1053C - General Physics I with Lab

Credits: 4
Prerequisites: MAC 1105 or MAC 1140 or MAC 1147
This course is the first in a two-part series intended for non-physics majors, offering an algebra and trigonometry approach to topics such as kinematics, dynamics, energy, momentum, rotational motion, fluid dynamics, oscillatory motion, and waves. The course fosters analytical and critical thinking skills to promote a scientific understanding of the real world.
Terms offered: F
Classification: Parallel

PHY1054C - General Physics II with Lab

Credits: 4
Prerequisites: PHY 1053C
This course is the continuation of a two-semester survey of non-calculus based physics for biological science, health-related professions, and other pre-professional majors. This course presents topics in electricity, magnetism, electromagnetic waves, optics, and some modern physics. Topics covered include electric charge and electric field, electric potential and capacitance, electric current and resistance, electric circuits, electrical properties of materials, magnetism, electromagnetic induction, geometrical optics, optical instruments, wave optics, relativity, atomic structure, quantum mechanics, atomic nuclei, and radiation and the life sciences. The laboratory experiences are designed to enhance the lecture part of the course, as well as to cover various laboratory techniques. (3 hours lecture, 2 hours laboratory and 1-hour problem-solving session per week)
Terms offered: W
Classification: Parallel

PHY2048C - General Physics with Calculus I with Lab

Credits: 5
Prerequisites: MAC 2311
Corequisites: MAC 2312
This calculus-based course serves as the first in a two-part series, covering topics like kinematics, dynamics, energy, momentum, rotational motion, fluid dynamics, oscillatory motion, and waves. Designed for science and engineering majors, the course integrates critical thinking, analytical skills, and real-world applications.
Terms offered: F
Classification: Parallel

PHY2048CH - General Physics with Calculus with Lab Honors

Credits: 5
Prerequisites: MAC 2311
Corequisites: MAC 2312
This calculus-based course serves as the first in a two-part series, covering topics like kinematics, dynamics, energy, momentum, rotational motion, fluid dynamics, oscillatory motion, and waves. Designed for science and engineering majors, the course integrates critical thinking, analytical skills, and real-world applications. This is an Honors course.
Terms offered: F
Classification: Parallel

PHY2049C - General Physics with Calculus II with Lab

Credits: 5
Prerequisites: MAC 2312 and PHY 2048C
This course is a combined lecture/laboratory course designed primarily to meet the requirements for majors in engineering or the physical sciences, as a continuation of the classical physics topics initiated in PHY 2048C General Physics I with Calculus. The major topics introduced in the second semester are electricity and magnetism, electromagnetic waves, geometrical optics, and selected topics in atomic and nuclear physics, quantum theory and solid state physics, as time permits.(4 hours lecture, 2 hours laboratory and 1-hour problem-solving session per week)
Terms offered: W
Classification: Parallel

PHY2049CH - General Physics with Calculus II with Lab Honors

Credits: 5
Prerequisites: PHY 2048C and MAC 2312
This course is a combined lecture/laboratory course designed primarily to meet the requirements for majors in engineering or the physical sciences, as a continuation of the classical physics topics initiated in PHY 2048C General Physics I with Calculus. The major topics introduced in the second semester are electricity and magnetism, electromagnetic waves, geometrical optics, and selected topics in atomic and nuclear physics, quantum theory and solid state physics, as time permits. This is an honors course.
Terms offered: W
Classification: Parallel

Nursing

HUN1201 - Human Nutrition

Credits: 3
Corequisites: ENC 1101
Students will study the basic principles of nutrition and develop skills in applying the recommended dietary allowances to all age groups. The course emphasizes food nutrients, impact of diet on disease and healthy lifestyles across the life cycle. Cultural and economic factors related to food and consumer information regarding food safety are also major topics. Students will complete a personal diet analysis.
Terms offered: F, W, S
Classification: Dual

NUR1004C - Bridge Clinical Concepts

Credits: 7
Prerequisites: BSC 2085 and BSC 2085L and BSC 2086 and BSC 2086L and DEP 2004 and ENC 1101 and HUN 1201 and MCB 2010 and MCB 2010L and PSY 2012 and either MAC 1105 or STA 2023, and either ARH 1000 or HUM 1020 or LIT 1000 or MUL 1010 or PHI 2010 or THE 1000.
Corequisites: NUR 1520C
Admission to the LPN to ADN Bridge Program required. The Bridge Clinical Concepts course is designed to facilitate the transition of the Licensed Practical Nurse, LPN, to the role of the Associate Degree Nurse (ADN) and to build on the PN curriculum. The faculty designed the ADN curriculum using a concept based framework. The Clinical Concepts III and IV courses build on and expand from this course. In Bridge Clinical Concepts, students gain beginning knowledge about Associate Degree Nursing using a holistic, evidence-based approach. Students learn about holistic health care and application of the nursing process to clients and families focusing on concepts of immunity, metabolism, oxygen, perfusion, culture, and comfort, specifically comfort at end-of-life. Students expand learning about pharmacology, pathophysiology, communication and teaching. Through laboratory and clinical experiences students expand assessment and intervention skills with emphasis on interventions for adult clients in acute care facilities. (5 hours of class and 2 hours of clinical lab per week)
Terms offered: S
Classification: Occupational

NUR1006C - Transitions to Nursing Concepts

Credits: 7

Prerequisites: BSC 2085 and BSC 2085L and BSC 2086 and BSC 2086L and MCB 2010 and MCB 2010L and ENC 1101 and PSY 2012 and HUN 1201 and either MAC 1105 or STA 2023

This course is designed for paramedics entering the Associate Degree Nursing program and expands upon knowledge and skills obtained in previous healthcare courses. In Transition to Nursing Concepts, students gain beginning knowledge about Associate Degree Nursing using a holistic, evidence-based approach. Students learn about holistic health care and application of the nursing process to clients and families focusing on concepts of fluid and electrolytes, metabolism, oxygenation, perfusion, infection, culture, and comfort - specifically comfort at end-of-life. Students expand learning about pharmacology, pathophysiology, communication, and teaching. Through laboratory and clinical experiences, students expand assessment and intervention skills with emphasis on interventions for adult clients in acute care facilities.

Terms offered: W

Classification: Parallel

NUR1021C - Foundations in Nursing

Credits: 3

Prerequisites: BSC 2085 and BSC 2085L and BSC 2086 and BSC 2086L and ENC 1101 and HUN 1201 and MCB 2010 and MCB 2010L and PSY 2012 and either MAC 1105 or STA 2023

Corequisites: NUR 1142

This course introduces concepts of nursing practice in preparation for safe, holistic, evidence-based care. Concepts introduced include health, nursing process, safety and communication with a focus on building patient-centered nursing skills essential for care of adults. Clinical laboratory hours are completed through on-campus activities and selected off-campus experiences incorporating the concepts identified in the course (3 credits theory, 2 credits lab.)

Terms offered: F, W

Classification: Parallel

NUR1052C - Clinical Concepts I

Credits: 5

Corequisites: NUR 1021C and NUR 1142

This course utilizes conceptual learning which includes the application of facts and principles necessary for effective clinical decision-making in health care settings. Emphasis is placed on the acquisition of knowledge, clinical skills and professional attitude for health promotion and disease prevention in clients across the lifespan. Concepts introduced include oxygenation, perfusion, tissue integrity and beginning medication administration. Upon completion students will demonstrate the ability to provide holistic client-centered care (1 credit theory, 3 credits clinical lab.)

Terms offered: F, W, S

Classification: Parallel

NUR1142 - Introduction to Pharmacology

Credits: 4

Corequisites: NUR 1021C and NUR 1052C

This course introduces pharmacological concepts that are used in the care of clients of all ages. Course content includes dosage calculation and basic pharmacokinetics. Within a nursing process framework, students will study classifications of drugs and nursing considerations for those classifications and their prototypes (3 credits theory.)

Terms offered:

Classification: Parallel

NUR1241C - Clinical Concepts II

Credits: 7

Prerequisites: NUR 1052C and NUR 1142

Corequisites: DEP 2004

This course builds on the knowledge, skills and concepts presented in Foundations and Clinical Concepts I. Concepts such as oxygenation, perfusion and metabolism will be explored in greater depth. The concept of fluids and electrolytes will be introduced. Clinical experiences provide opportunities to apply the nursing process in the holistic care of adult patients (4 credits theory, 3 credits clinical lab.)

Terms offered: F, W, S

Classification: Parallel

NUR1520C - Behavioral Concepts in Nursing

Credits: 2

This course examines the role of the professional nurse in providing safe, holistic, evidence-based care to clients with behavioral health disorders. Content includes psychosocial assessment skills, therapeutic approaches and specific skills to meet various psychosocial needs of clients and families, and crisis intervention. Clinical experience will include a continued emphasis on the nursing process within a variety of health care settings (1 credit theory, 1 credit clinical lab.)

Terms offered: F, W, S

Classification: Parallel

NUR2010 - Professional Issues in Nursing

Credits: 2

Prerequisites: NUR 1241C and NUR 1520C

Corequisites: NUR 2243C and NUR 2440C

This course introduces the student to the professional competencies and the scope of practice of the Associate Degree Nursing. Emphasis will be placed on professional behaviors and communication techniques useful in management situations and the nurse's role within the ever-changing healthcare delivery systems (2 credits theory.)

Terms offered: F, W, S

Classification: Parallel

NUR2243C - Clinical Concepts III

Credits: 4

Prerequisites: NUR 1241C

Corequisites: AMH 2010 or AMH 2020 or POS 2041

This course builds on the knowledge, skills and concepts presented in Clinical Concepts II. The concept of cellular regulation will be introduced as it relates to oncological nursing care. The concepts of oxygenation and immunity will be explored in greater depth. Clinical experiences provide opportunities to apply the nursing process in the holistic care of adult patients (2 credits theory, 2 credits clinical lab.)

Terms offered: F, W, S

Classification: Parallel

NUR2244C - Clinical Concepts IV

Credits: 7

Prerequisites: NUR 2243C

Corequisites: HUM 1020 or ARH 1000 or LIT 1000 or MUL 1010 or

PHI 2010 or THE 1000
This course builds upon the knowledge acquired in Clinical Concepts I, II, and III, and focuses on the role of the nurse in providing safe, competent, and holistic evidence-based care for clients with complex physiological imbalances. Emphasis is on the advanced application of the nursing process, and the successful completion of clinical experiences within acute care and community settings. Upon completion of this course, students will demonstrate the knowledge, skills and attitudes necessary to provide quality entry level nursing care (4 credits theory, 3 credits clinical lab.)
Terms offered: F, W, S
Classification: Parallel

NUR2440C - Developmental Concepts in Nursing

Credits: 3
This course utilizes knowledge of human growth and development and focuses on the role of the nurse to provide safe, compassionate and holistic care to women and children. Concepts discussed include reproduction, sexuality, family, culture, immunity, infection, mobility, sensory perception, oxygenation and perfusion. Emphasis is placed on antepartum, intrapartum and postpartum care of pregnant women and developmentally appropriate care of newborns and children of all ages. Upon successful completion of this course, students will demonstrate knowledge, skills, and attitudes necessary to make effective decisions and provide quality nursing care to women and children (2 credits theory, 1 credit clinical lab.)
Terms offered: F, W, S
Classification: Parallel

NUR2811C - Capstone Clinical

Credits: 2
Prerequisites: NUR 2244C
Successful completion of Clinical Concepts IV is a requirement for entry into this end-of-program course. This is a final practicum clinical course in which the student completes 90 hours of clinical experience at an assigned health care facility. The focus of this course is on the professional transition from student to graduate nurse. Upon successful completion of this course, the student is eligible to apply for licensure as a registered nurse and to take the National Council Licensure Exam for Registered Nurses (2 credits clinical lab.)
Terms offered: F, W
Classification: Parallel

Office Administration

OST1100 - Introduction to Word

Credits: 3
This course teaches students touch typing and the uses of Microsoft Word to produce common business-related documents. Students will create emails, letters, memos, tables, reports and various employment documents. File management, proofreading, spelling and professionalism are also covered. This course is required for office administration and paralegal studies majors and satisfies the College of Central Florida computer competency requirement. At the conclusion of this course, students will be taking the national certification Microsoft Office Specialist (MOS) Word Associate Exam.
Terms offered: F, W, S
Classification: Dual

OST1110 - Intermediate Word

Credits: 3
Prerequisites: OST 1100
This course is a continuation of OST 1100 Introduction to Word that focuses on more advanced business communication. Students will utilize the Word program to create a variety of professional documents, including multi-page letters and memos, reports, templates, international correspondence, fliers, newsletters, web pages and other business-related documents. This course is required for office administration and paralegal studies majors. At the conclusion of this course, students will be taking the national certification Microsoft Office Specialist (MOS) Word Expert Exam.
Terms offered: W, S
Classification: Dual

OST1384 - Customer Service

Credits: 3
This course is an introduction to the basics of customer service technology with emphasis on enhancing customer relation skills. Students will learn how to focus on building rapport with customers and improving their communication negotiation skills. In addition, students will learn how to respond to customer requirements and efficiently handle difficult situations.
Terms offered: F, W, S
Classification: Occupational

OST2335 - Business Communications

Credits: 3
Prerequisites: ENC 1101
This course is designed to help develop and refine the oral and written skills which are necessary to communicate effectively in today's business environment. This will be accomplished through planning, composing and evaluating various forms of common business communication. Emphasis is placed on composing common business correspondence (letters, memos, emails, reports), editing and revising techniques, writing reports (emphasizing APA format), and increasing the clarity of oral presentations. This course is recommended for students who plan to enroll in the College of Central Florida's B.A.S. degree in Business and Organizational Management.
Terms offered: F, W, S
Gordon Rule Applies.
Classification: Dual

OST2401 - Office Administration: Procedures

Credits: 3
Prerequisites: CGS 1100 or OST 1100 or instructor approval
To meet the demand for trained, competent office employees, this course in office administration provides students with assignments in a variety of activities performed by office employees. This course provides students with the experience of performing realistic duties assigned to an administrative assistant. This course requires students to have an intermediate knowledge of the current Microsoft Office (Word, Excel, PowerPoint, Outlook and Access) suite. At the conclusion of this course, students will be taking the national certification Microsoft Office Specialist (MOS) Outlook Associate Exam.

Terms offered: W
Classification: Occupational

OST2402 - Office Administration: Simulation

Credits: 3
Prerequisites: CGS 1100 or OST 1100 or instructor approval
This course provides students with the experience of working in a simulated company and performing realistic duties assigned to an administrative assistant. Students will use word processing, spreadsheet, presentation, scheduling, and database functions using current Microsoft Office software to prepare integrated documents. The Internet and other research tools will be used. At the conclusion of this course, students will be taking the national certification Microsoft Office Specialist (MOS) PowerPoint Associate Exam.
Terms offered: F
Classification: Occupational

OST2431 - Legal Office Procedures

Credits: 3
Prerequisites: PLA 1003 and either CGS 1100 or OST 1100 or program manager approval
This course covers the role of legal administrative professionals, highlighting key aspects such as professional relationships, legal terminology and office procedures. Students will learn how to effectively manage legal documentation, maintain precise and organized accounting records, and communicate proficiently within a legal environment.
Terms offered: W
Classification: Occupational

OST2461 - Medical Office Procedures

Credits: 3
Prerequisites: HIM 1000
This course is designed to help students prepare to become a medical administrative assistant in a health care practice. Students will use a medical scheduling software program to input patient information, schedule appointments, perform billing and handle insurance claims. In addition, customer service and soft skills required for dealing with patients will be covered.
Terms offered: W
Classification: Occupational

OST2717 - Advanced Word

Credits: 3
Prerequisites: CGS 1100 or OST 1100
Advanced (expert) Word course. Students will learn to use advanced aspects of formatting documents, including mail merging, sorting, graphics, creating and modifying paragraphs, managing documents, workgroup collaboration, customizing tables, customizing the current version of Word and various other skills necessary for current Microsoft Office certification (final exam). At the conclusion of this course, students will be taking the national certification Microsoft Office Specialist (MOS) Word Expert Exam.
Terms offered: F, W, S
Classification: Occupational

Paralegal Studies

BUL2241 - Business Law I

Credits: 3
Corequisites: ENC 1101
This course considers the fundamental laws that relate to business transactions and focuses on the U.S. legal system, torts, criminal law, contracts and sales under the Uniform Commercial Code.
Terms offered: F, W, S
Classification: Dual

BUL2242 - Business Organizations and Debtor/Creditor Relations

Credits: 3
Prerequisites: BUL 2241 and PLA 1003
This course considers the fundamental law that relates to the formation and operation of business organizations and includes subjects such as agency, debtor and creditor relations, bankruptcy, secured transactions and suretyship.
Classification: Dual

PLA1003 - Introduction to the Legal Field

Credits: 3
This course is designed to provide an overview of the training and purpose of legal administrative professionals. The course surveys the structure of the legal system and various fields of law, and discusses the ethical and professional standards that apply to legal office support and lawyers. The course emphasizes legal procedures and terminology and introduces basic legal research and writing.
Terms offered: F
Classification: Occupational

PLA1104 - Legal Research and Writing

Credits: 3
Prerequisites: OST 1100 and OST 2335 and PLA 1003
This course provides the student with an in-depth examination of the law library and the processes of legal research. It also provides information on how to write interoffice legal memorandums. Students are strongly encouraged to take OST 1100 and OST 2335 prior to taking this course.
Terms offered: F
Classification: Occupational

PLA2114 - Legal Research and Writing II

Credits: 3
Prerequisites: PLA 1003 and PLA 1104 and PLA 2201
An advanced course in legal writing and research intended to familiarize the practicing and potential legal assistant with the problems and procedures in legal drafting, writing and research. It also provides information on how to prepare memorandums of law.
Classification: Occupational

PLA2201 - Litigation Procedures

Credits: 3
Prerequisites: OST 1100 and OST 2335 and PLA 1003 and PLA 1104
This course covers the federal and Florida rules of civil procedures. It also includes preparation of pleadings, motions and discovery documents. Students are strongly encouraged to complete OST 1100 and OST 2335 prior to taking this course.

Terms offered: W
Classification: Occupational

PLA2273 - Torts

Credits: 3
Prerequisites: PLA 1003 and PLA 1104 and PLA 2201
This course presents the fundamental principle of tort law. It includes negligence, strict liability and other special liability theories (including products liability and non-physical harm). Emphasis is placed on damages and tort defenses.
Classification: Occupational

PLA2600 - Wills, Trusts and Probate Administration

Credits: 3
Prerequisites: PLA 1003
This is a study of the legal aspects of the preparation of wills and trusts, as well as the probating of estates. It also covers the procedures involved in accounting, administrations, gifts, life insurances and estate planning.
Classification: Occupational

PLA2610 - Real Estate Law and Property Transactions

Credits: 3
Prerequisites: PLA 1003
This course is designed to familiarize the practicing and potential legal assistant with the problems and procedures in real estate law and property transactions, and includes the drafting of various kinds of real estate contracts and agreements.
Terms offered: F
Classification: Occupational

PLA2800 - Laws of Family Relations

Credits: 3
Prerequisites: PLA 1003
This course is designed to familiarize the practicing and potential legal assistant with problems and procedures related to the laws of domestic relations and covers such topics as divorce, separation, adoption, guardianship and support.
Terms offered: W
Classification: Occupational

Physical Therapist Assistant

PHT1000 - Introduction to Physical Therapy

Credits: 2
Corequisites: ENC 1101
Introduces the history of the physical therapy profession, the American Physical Therapy Association and the role of the physical therapist assistant as well as other health care providers. Addresses organizational perspectives, communication skills, and practice issues related to both the Guide to Physical Therapy Practice and the Clinical Performance Instrument for the PTA. Key concepts related to the practice of physical therapy are also presented.
Terms offered: F, W, S
Classification: Dual

PHT1014 - Documentation for the Physical Therapist Assistant

Credits: 1
Presents information, theories and guidelines for documenting and writing progress or interim notes in the medical record, incorporating the language of the Guide to Physical Therapist Practice. Focuses on the needs of PTAs, emphasizes the role of the PTA within the PT team, and covers major types of records including incident reports, telephone conversations, reimbursement, legal issues, functional outcomes and goals. Admission to the Physical Therapist Assistant program is required.
Terms offered: F
Classification: Occupational

PHT1130C - Data Collection Skills for the PTA

Credits: 3
Introduces processes and procedures used to gather information through observation, measurement, and subjective, objective and functional findings. Includes range of motion, muscle strength, skin and sensory integrity, vital signs (including respiratory status), postural alignment, body mechanics and pain assessments. Admission to the Physical Therapist Assistant program is required.
Terms offered: F
Classification: Occupational

PHT1175C - Functional Anatomy and Kinesiology

Credits: 3
This course covers the relationships between the systems that relate to functional movements of the human body. Covers all functional body movements such as mechanisms, muscle actions, planes and other relationships to body movements. Includes the upper extremities, lower extremities, face and trunk. Admission into the Physical Therapist Assistant program is required.
Terms offered: F
Classification: Occupational

PHT1210C - Therapeutic Modalities I

Credits: 3
Admission into the Physical Therapist Assistant program for Phase II is required. Introduces patient care techniques including patient preparation and the theories, and practical application of physical therapy modalities. The physiological effects and indications/contraindications of heat, cold, radiant therapy, traction, intermittent compression, and massage are emphasized. Ethical and legal aspects will be included.
Terms offered: F
Classification: Occupational

PHT1212C - Therapeutic Modalities II

Credits: 3
Prerequisites: PHT 1014 and PHT 1130C and PHT 1175C and PHT 1210C and PHT 1801L
Provides a study of the rationale, contraindications, and application techniques of various electrical stimulation equipment.
Terms offered: W
Classification: Occupational

PHT1225C - Therapeutic Procedures

Credits: 3
Prerequisites: PHT 1000 and PHT 1014 and PHT 1130C and PHT 1175C and PHT 1210C and PHT 1801L
Introduces the rationale and skills for patient therapeutic procedures. Includes traditional exercise routines such as passive, active-assistive, active and resistive ranges of motion, gait training, and other skills necessary for patient treatment.

Terms offered: W
Classification: Occupational

PHT1300 - Survey of Pathological Deficits

Credits: 4
Prerequisites: PHT 1014 and PHT 1130C and PHT 1175C and PHT 1210C and PHT 1801L
Introduces the patho-physiology of selected medical, surgical, orthopedic and neurological conditions commonly treated in physical therapy.
Terms offered: W
Classification: Occupational

PHT1801L - PTA Clinical Laboratory I

Credits: 2
Introduces actual patient care utilizing beginning physical therapy techniques under the supervision of a licensed physical therapist. Designed to parallel classroom skills learned during concurrent and/or previous courses. The college laboratory will be utilized. Admission to the Physical Therapist Assistant program is required.
Terms offered:
Classification: Occupational

PHT1802L - PTA Clinical Laboratory II

Credits: 2
Prerequisites: PHT 1014 and PHT 1130C and PHT 1175C and PHT 1210C and PHT 1801L
A continuation of patient care utilizing physical therapy assessments and interventions under the supervision of a licensed physical therapist. Emphasis is on interpreting the physical therapy initial evaluation and on selecting appropriate therapeutic exercises/functional activities for assigned patients with guidance. The college laboratory will be utilized. Admission into the Physical Therapist Assistant program is required.
Terms offered: W
Classification: Occupational

PHT2162C - Rehabilitation Procedures

Credits: 4
Prerequisites: PHT 1212C and PHT 1225C and PHT 1300 and PHT 1802L
Introduces neurological principles, pathology and specialized rehabilitation techniques for adult and pediatric conditions. Admission to the Physical Therapist Assistant program is required.
Terms offered: S
Classification: Occupational

PHT2227C - Disabilities and Therapeutic Procedures II

Credits: 3
Prerequisites: PHT 1212C and PHT 1225C and PHT 1300 and PHT 1802L
Provides a study of the rationale, contraindications and exercise skills needed to develop appropriate exercise programs for geriatric, orthopedic and surgical conditions.
Terms offered: S
Classification: Occupational

PHT2342 - Medical Terminology for the Physical Therapist Assistant

Credits: 2
Prerequisites: BSC 2085 and BSC 2085L and BSC 2086 and BSC 2086L
This course is a supervised self-study of medical terminology and abbreviations that describe the pathology of the body systems used in relationship to the practice of physical therapy. Terms associated with diagnostics, surgery, laboratory tests, pharmacology, medical orders, reports and patient care will be included.
Terms offered: F, W, S
Classification: Dual

PHT2810 - Clinical Practice II

Credits: 6
Prerequisites: PHT 2162C and PHT 2227C and PHT 2931
Includes treatment of patients under the supervision of a licensed physical therapist in various types of delivery systems. Problem-solving techniques are employed in the evaluation and execution of patient care plans. Various agencies in the tricounty and central Florida area that provide physical therapy services will be utilized. Students are responsible for making their own transportation arrangements for assigned clinical rotations. Admission to the Physical Therapist Assistant program is required. (40 hours clinical per week for 7 weeks)
Terms offered: F
Classification: Occupational

PHT2820 - Clinical Practice III

Credits: 6
Prerequisites: PHT 2162C and PHT 2227C and PHT 2931
Focuses on advanced clinical experiences in selected agencies under the supervision of a licensed physical therapist. Emphasis is on critical thinking and problem solving in patient care. Various agencies in the tricounty and central Florida area that provide physical therapy services will be utilized. Students are responsible for making their own transportation arrangements for assigned clinical rotations. Admission to the Physical Therapist Assistant program is required. (40 hours clinical per week for 7 weeks)
Terms offered: F
Classification: Occupational

PHT2931 - Trends in Physical Therapy

Credits: 1
Prerequisites: PHT 1212C and PHT 1225C and PHT 1300 and PHT 1802L
Introduces other allied health and physical therapy specialties, issues and current trends. Develops topics of special interest to students or instructors.
Terms offered: S
Classification: Occupational

Radiography

RTE1000 - Fundamentals of Radiologic Technology

Credits: 3
Corequisites: RTE 1804
This course provides an overview of Radiography and its role in health care delivery, a fundamental background in ethics and ethical behavior in a health care setting, and the biological damage produced by radiation and necessary radiation safety as it relates to patients and personnel. The student will be prepared to assume the role of a practitioner in the health care delivery system and the Radiology profession as a whole. Principles, practices and policies of the health care organizations(s) will be examined and discussed

within the framework of professional practice for the Radiologic Technologist. Legal terminology, concepts and principles will be presented and topics will include misconduct, malpractice, legal and professional standards and the ASRT scope of practice. The importance of proper documentation and informed consent will be emphasized.
Terms offered: F
Classification: Occupational

RTE1111 - Patient Care Procedures

Credits: 2
Prerequisites: BSC 2085 and BSC 2086
Corequisites: RTE 1111L
Content is designed to provide the fundamental concepts of patient care and safety, infection control, patient assessment and communication, sterile and aseptic technique, transfer of patient, and vital signs and care of patient medical equipment. The care of the patient, neonate to geriatric, during routine and emergency care will be presented. An accompanying laboratory experience practicing general patient care procedures will occur.
Terms offered: W
Classification: Occupational

RTE1111L - Patient Care Procedures Lab

Credits: 1
Prerequisites: BSC 2085 and BSC 2086
Corequisites: RTE 1111
This course is designed to reinforce the course content presented in RTE 1111 Patient Care Procedures in a structured laboratory environment allowing the student to observe, practice, and demonstrate patient care procedures. Procedure competency skills testing pertaining to vital signs (blood pressure, temperature, pulse, respiration, and pulse oximetry), sterile and medical aseptic technique, transfer of patient, and care of patient medical equipment (e.g., oxygen tubing, IV tubing) will be conducted.
Terms offered: W
Classification: Occupational

RTE1418C - Radiographic Imaging I

Credits: 4
Prerequisites: RTE 1000
The purpose of this course is to provide the student with an introduction to radiographic digital imaging. The content also provides a basic knowledge of quality control, and is designed to provide a basis for analyzing radiographic images, including but not limited to; brightness, grayscale, spatial resolution, and distortion. Factors that impact image acquisition, display, archiving and retrieval are discussed. Included are the importance of minimum imaging standards, discussion of a problem-solving technique for image evaluation and the factors that can affect image quality.
Terms offered: W
Classification: Occupational

RTE1457C - Radiographic Imaging II

Credits: 4
Prerequisites: RTE 1418C
Content is designed to expand on the base of knowledge gained from RTE 1418C Radiographic Imaging I. Imaging standards, recorded detail, beam restriction and filtration, grids, automatic exposure controls, and technique charts will be explored. Content is designed to establish a knowledge base in factors that govern the image production process. Didactic presentations and laboratory demonstrations reinforce application of theory.
Terms offered: S
Classification: Occupational

RTE1503 - Radiographic Procedures I

Credits: 3
Prerequisites: BSC 2085 and BSC 2085L
Corequisites: RTE 1503L
Content is designed to provide the knowledge and skills necessary to perform standard radiographic imaging procedures. Consideration is given to the evaluation of optimal diagnostic images. An in-depth discussion of radiographic procedures, including the abdomino-thoracic and appendicular skeleton, is the focus of this course. Anatomy, patient care, and terminology are correlated with radiographic procedures and safety. Appropriate methodologies regarding patient identification, clinical profiles, nomenclature, universal precautions, and radiographic critique/quality are presented. An accompanying laboratory experience analyzing radiographic evaluation and techniques will occur.
Terms offered: F
Classification: Occupational

RTE1503L - Radiographic Procedures I Lab

Credits: 1
Prerequisites: BSC 2085 and BSC 2085L
Corequisites: RTE 1503
This course is designed to reinforce the course content presented in RTE 1503 Radiographic Procedures I in a structured laboratory environment allowing the student to observe, practice, and demonstrate radiographic procedures. Procedure competency skills testing and image analysis pertaining to the abdominal-thoracic, appendicular skeleton will be conducted.
Terms offered: F
Classification: Occupational

RTE1513 - Radiographic Procedures II

Credits: 3
Prerequisites: RTE 1503 and RTE 1503L
Corequisites: RTE 1513L
Content is designed to provide the knowledge and skills necessary to perform standard radiographic imaging procedures. Consideration is given to the evaluation of optimal diagnostic images. An in-depth discussion of radiographic procedures including the humerus and shoulder girdle, femur and pelvic girdle, bony thorax and axial skeleton is the focus of this course. Anatomy, patient care, and terminology are correlated with radiographic procedures. Appropriate methodologies regarding patient identification, clinical profiles, nomenclature, universal precautions, and radiographic critique/quality are presented. An accompanying laboratory experience analyzing radiographic evaluation and techniques will occur.
Terms offered: W
Classification: Occupational

RTE1513L - Radiographic Procedures II Lab

Credits: 1
Prerequisites: RTE 1503 and RTE 1503L
Corequisites: RTE 1513
This course is designed to reinforce the course content presented in RTE 1513 Radiographic Procedures II in a structured laboratory

environment allowing the student to observe, practice, and demonstrate radiographic procedures. Procedure competency skills testing and image analysis pertaining to the humerus and shoulder girdle, femur and pelvic girdle, bony thorax and axial skeleton will be conducted.
Terms offered: W
Classification: Occupational

RTE1804 - Clinical Education I

Credits: 2
Prerequisites: BSC 2085 and BSC 2085L
Corequisites: RTE 1000 and RTE 1503 and RTE 1503L
This competency-based clinical experience introduces learning opportunities in imaging technologies at various clinical agencies. Clinical Education I, the first in a series of courses providing students with opportunities to become competent in radiographic procedures includes: patient-technologist interaction, provide patient care and comfort, perform radiographic examinations, provide radiation safety, and critically evaluate image quality. Student participation focused on cognitive, affective, and psychomotor skills in patient assessment and care and observing/performing medical imaging procedures under direct supervision will occur. This course offers students the opportunity to gain experience in the elementary aspects of radiology with clinical orientation to the radiology department/hospital and actual clinical education.
Terms offered: F
Classification: Occupational

RTE1814 - Clinical Education II

Credits: 2
Prerequisites: RTE 1804
Corequisites: RTE 1513 and RTE 1513L
Clinical Education II, the second in a series of courses providing students with opportunities to continue to become competent in radiographic procedures includes: patient-technologist interaction, providing patient care and comfort, performing radiographic examinations, providing radiation safety, and critically evaluating image quality. Student participation focused on cognitive, affective, and psychomotor skills in patient assessment and care, and observing/ performing medical imaging procedures under direct and/or indirect supervision will occur. Concentration on the abdomino-thoracic and the appendicular skeleton is emphasized.
Terms offered: W
Classification: Occupational

RTE1824 - Clinical Education III

Credits: 3
Prerequisites: RTE 1814
Clinical Education III, the third in a series of courses providing students with opportunities to become competent in radiographic procedures includes: patient-technologist interaction, providing patient care and comfort, performing radiographic examinations, providing radiation protection, and critically evaluating radiographic quality. Students will continue to participate in a competency based clinical experience in ancillary areas and imaging technologies at various clinical agencies. Student participation focused on cognitive, affective, and psychomotor skills in patient assessment and care, and observing/performing medical imaging procedures under direct/indirect supervision will occur. Concentration on the humerus and shoulder girdle, femur and pelvic girdle, bony thorax and axial skeleton is emphasized.
Terms offered: S
Classification: Occupational

RTE2061 - Radiography Seminar

Credits: 3
Prerequisites: RTE 1111 and RTE 1457C and RTE 2385 and RTE 2523 and RTE 2613
Corequisites: RTE 2563 and RTE 2782 and RTE 2844
The content of this capstone course is designed to synthesize knowledge, skills, and abilities attained during the course of the radiography program. The student gains preparation for assimilation into the radiography profession and lifelong learning.
Terms offered: W
Classification: Occupational

RTE2130 - Pharmacology in Radiology

Credits: 2
Prerequisites: RTE 1111
Content is designed to provide basic concepts of pharmacology for radiologic technologists. The theory and practice of basic techniques of venipuncture and administration of diagnostic contrast agents and/or intravenous medications is included. The appropriate delivery of patient care during these procedures is emphasized.
Terms offered: S
Classification: Occupational

RTE2385 - Radiation Biology

Credits: 3
Prerequisites: BSC 2085 and BSC 2086
The purpose of this course is to provide the student with principles of radiation safety, and of cell radiation interaction. The student will demonstrate an awareness of responsibility as a radiographer for radiation safety to patients, personnel and the public. The radiation safety requirements of regulatory, accreditation, and health care agencies involvement will be discussed. The student will be made aware of the acute and chronic effects of radiation.
Terms offered: F
Classification: Occupational

RTE2523 - Radiographic Procedures III

Credits: 3
Prerequisites: RTE 1513 and RTE 1513L
Corequisites: RTE 2523L
Content is designed to provide the knowledge and skills necessary to perform standard radiographic imaging procedures. Consideration is given to the evaluation of optimal diagnostic images. An in-depth discussion of radiographic procedures including the biliary tract and upper gastrointestinal system, lower gastrointestinal system, and genitourinary system, cranium, pediatric, and trauma, mobile, and surgical radiography is the focus of this course. Anatomy, patient care, and terminology are correlated with radiographic procedures. Appropriate methodologies regarding patient identification, clinical profiles, nomenclature, universal precautions, and radiographic critique/quality are presented. An accompanying laboratory experience analyzing radiographic evaluation and techniques will occur.
Terms offered: F
Classification: Occupational

RTE2523L - Radiographic Procedures III Lab

Credits: 1
Prerequisites: RTE 1513 and RTE 1513L
Corequisites: RTE 2523
This course is designed to reinforce the course content presented in RTE 2523 Radiographic Procedures III in a structured laboratory environment allowing the student to observe, practice, and demonstrate radiographic procedures. Procedure competency skills testing and image analysis pertaining to the biliary tract and upper gastrointestinal system, lower gastrointestinal system, and genitourinary system cranium, and trauma, mobile, and surgical radiography will be conducted.
Terms offered: F
Classification: Occupational

RTE2563 - Special Radiographic Procedures

Credits: 3
Prerequisites: RTE 2523
Corequisites: RTE 2782 and RTE 2844
An in-depth discussion of current and developing imaging and therapeutic technologies are the focus of this course. Special radiographic procedures such as hysterosalpingography, myelography, sialography, and arthrography are presented. Diagnostic and therapeutic modalities found within the scope of medical imaging such as computed tomography (CT), magnetic resonance (MR), mammography (M), bone densitometry (BD), sonography (S), radiation therapy (T), nuclear medicine (NM), vascular-interventional (VI), and cardiac-interventional (CI) are discussed.
Terms offered: W
Classification: Occupational

RTE2613 - Radiation Physics I

Credits: 4
Prerequisites: RTE 1418C
This course will introduce the student to the fundamental principles of radiologic physics including atomic and subatomic theory. The interactions of electrons and photons with matter will be applied to radiologic sciences. Emphasis is placed on equipment, generators and motors, x-ray circuitry, tubes and rectification, and image intensification. Didactic presentations and laboratory demonstrations reinforce application of theory.
Terms offered: S
Classification: Occupational

RTE2782 - Radiographic Pathology

Credits: 3
Prerequisites: BSC 2085 and BSC 2086
Corequisites: RTE 2563
The course content is designed to provide the student with an introduction to the causation and concept of diseases with particular emphasis on the pathology commonly presented in diagnostic radiography. Etiology, patho-physiological responses, clinical manifestation and radiographic appearance will be discussed. In the degenerative and additive pathologies studied, the effects on the image and technical considerations will be discussed. Scholarly paper objective is included allowing the student to explore a pathological disease process and develop a case study.
Terms offered: W
Classification: Occupational

RTE2834 - Advanced Clinical Education IV

Credits: 3
Prerequisites: RTE 1824
Corequisites: RTE 2523 and RTE 2523L
Clinical Education IV, the fourth in a series of courses providing students with opportunities to become competent in radiographic procedures includes: patient-technologist interaction providing patient care and comfort, performing radiographic examinations, providing radiation protection, and critically evaluating radiographic quality. During this course, students will continue to participate in a competency based clinical experience in ancillary areas and imaging technologies at various clinical agencies. Student participation focused on cognitive, affective, and psychomotor skills in patient assessment and care, and observing/performing medical imaging procedures under direct/indirect supervision will occur. Concentration on the biliary tract and upper gastrointestinal system, lower gastrointestinal system, and genitourinary system, cranium, trauma and mobile, and surgical radiography is emphasized. Concentration on patient types (inclusive of geriatric and pediatric) is emphasized.
Terms offered: F
Classification: Occupational

RTE2844 - Advanced Clinical Education V

Credits: 3
Prerequisites: RTE 2834
Corequisites: RTE 2563
Clinical Education V is the final course for the clinical education practicum. The student is expected to perform radiographic procedures in a professional and competent manner exemplary of their breadth and depth of educational training. The student performs more complex radiographic procedures and engages in more complicated aspects of radiography and patient care. Students perform procedures with direct/indirect supervision demonstrating competency of various radiography procedures requiring high levels of cognitive, affective, and psychomotor performance and become increasingly involved in more complicated aspects of radiography. Concentration on patient types (inclusive of geriatric and pediatric) is emphasized. The student shall complete any remaining competencies as mandated by the American Registry of Radiologic Technologists and the College of Central Florida Radiography Program. Concentration on completion of graduate competency studies is emphasized.
Terms offered: W
Classification: Occupational

Respiratory Care

RET1024 - Principles of Respiratory Care

Credits: 3
Corequisites: RET 1024L
This course is designed to introduce students to the basic therapeutics involved in the delivery of respiratory care. The course will provide the student with the theories necessary to administer the following therapeutics safely and effectively: basic oxygen therapy, aerosol therapy, small volume nebulizers and meter dose inhalers, incentive spirometers, breathing exercises, and chest physiotherapy. The student will ultimately demonstrate the ability to review patient condition and make recommendations concerning the plan of care, and assess and document the patient's response to therapy.

Terms offered: S
Classification: Occupational

RET1024L - Principles of Respiratory Care Lab

Credits: 1
Corequisites: RET 1024
This course is a laboratory practicum designed to introduce students to the basic therapeutics involved in the delivery of respiratory care. The course will provide the student with opportunities to gather and assemble equipment required to administer the following therapeutics safely and effectively: basic oxygen therapy, aerosol therapy, small volume nebulizers and meter dose inhalers, incentive spirometers, breathing exercises, and chest physiotherapy. Additionally, in simulated practice, they will demonstrate the ability to instruct patients in the proper use of therapeutic equipment to optimize desired outcomes. The student will also be expected to troubleshoot malfunctioning equipment and correct problems as needed.
Terms offered: S
Classification: Occupational

RET1291 - Clinical Respiratory Care I

Credits: 4
Corequisites: RET 1484
This course is a clinical practicum designed to introduce students to the healthcare environment, emphasizing hospital operations, safety and security, infection control, and legal/ethical consideration in the delivery of health care. The course will also introduce the students to basic cardiopulmonary assessment using chart review, patient interview, physical assessment and vital signs, laboratory and imaging studies, non-invasive monitoring, electrocardiographic evaluation, and pulmonary function testing. The students will also learn to navigate through and document in the Electronic Medical Record and communicate with the health care team in a respectful and collaborative manner.
Terms offered: W
Classification: Occupational

RET1292 - Clinical Respiratory Care II

Credits: 4
Prerequisites: RET 1291
This course is a clinical practicum designed to introduce students to the basic therapeutics involved in the delivery of respiratory care. The course will provide the student with opportunities to administer the following therapeutics safely and effectively: basic oxygen therapy, aerosol therapy, small volume nebulizers and meter dose inhalers, incentive spirometers, breathing exercises, and chest physiotherapy. The student will also demonstrate the ability to review and make recommendations concerning the plan of care, and assess and document the patient's response to therapy.
Terms offered: S
Classification: Occupational

RET1350 - Pharmacology

Credits: 4
This course covers the route and methods of drug administration; effects and mechanisms of action; absorption and excretion of drugs; classification and description of drugs commonly used in respiratory therapy. Includes use of bronchodilators, microkinetic, anti-inflammatory, antifungal, antibacterial and antiviral agents.
Terms offered: S
Classification: Occupational

RET1484 - Pathophysiology

Credits: 4
This course covers the pathophysiology, etiology, morbidity, pathogenesis and treatment of commonly seen diseases that affect the respiratory system. The course will integrate the contributions made by respiratory therapy and other disciplines in the management of the diseases surveyed. The course provides an introduction to bacterial, fungal, and viral metabolism and disease as well as basic blood gas analysis.
Terms offered: F, W
Classification: Occupational

RET1485 - Cardiopulmonary Anatomy and Physiology

Credits: 4
An in-depth investigation of the anatomy and physiology of the respiratory and circulatory systems. Oxygen delivery and consumption will be discussed as well as characteristics of lung compliance and resistance, ventilation/perfusion relationships, gas transport mechanisms and blood and neurological control of ventilation.
Terms offered: F, W
Classification: Occupational

RET2264 - Advanced Mechanical Ventilation and Patient Management

Credits: 3
Corequisites: RET 2264L
In this course advanced mechanical ventilation and critical care theories will be discussed including special procedures such as chest tubes, artificial airways, and therapeutic gases. Students will learn the theories and methods for providing advanced cardiac life support as well as cardiopulmonary rehabilitation.
Terms offered: W
Classification: Occupational

RET2264L - Advanced Mechanical Ventilation and Patient Management Lab

Credits: 1
Corequisites: RET 2264
This class will address skill development and procedure check-off of pre-clinical skills for adult and pediatric continuous mechanical ventilator therapy, airway management and advanced cardiac life support.
Terms offered: W
Classification: Occupational

RET2283 - Introduction to Mechanical Ventilation

Credits: 4
Corequisites: RET 2283L
This course is designed to introduce students to advanced therapeutic theory involved in the delivery of intensive respiratory care. The course will provide the student with knowledge essential to performing cardiopulmonary resuscitation, airway management including intubation and trach care, and mechanical ventilation effectively and safely. The student will also understand equipment used in the care for the critically ill patient.
Terms offered: F
Classification: Occupational

RET2283L - Introduction to Mechanical Ventilation Lab

Credits: 1
Corequisites: RET 2283
This course is a laboratory practicum designed to introduce students to advanced therapeutics involved in the delivery of intensive respiratory care. The course will provide the student with opportunities to practice the following therapeutics safely and effectively in the laboratory setting: cardiopulmonary resuscitation, airway management including intubation and trach care, and mechanical ventilation. The student will also demonstrate the ability to select, assemble, utilize, and troubleshoot equipment used in the care for the critically ill patient.
Terms offered: F
Classification: Occupational

RET2284 - Intensive Respiratory Care

Credits: 3
Corequisites: RET 2283 and RET 2283L
This course covers advanced theories and methods of critical care practices. Emphasis is placed on hemodynamic monitoring, EKG interpretation and invasive and noninvasive cardiology. The pathophysiology of disease states requiring mechanical ventilation and cardiovascular monitoring will also be covered.
Terms offered: F
Classification: Occupational

RET2293 - Clinical Respiratory Care III

Credits: 5
Corequisites: RET 2283 and RET 2283L
This course is a clinical practicum designed to introduce students to advanced therapeutics involved in the delivery of intensive respiratory care. The course will provide the student with opportunities to practice the following therapeutics safely and effectively in the clinical setting: cardiopulmonary resuscitation, airway management including intubation and trach care, and mechanical ventilation. The student will also demonstrate the ability to select, assemble, utilize, and troubleshoot equipment used in the care for the critically ill patient.
Terms offered: F
Classification: Occupational

RET2295 - Clinical Respiratory Care IV

Credits: 4
Corequisites: RET 2264 and RET 2264L
This course is a clinical practicum that focuses on continued practice of critical care respiratory therapy procedures in the intensive care unit with an emphasis on time management. Students complete hours in the hospital and/or clinical environment under the direct guidance of a licensed RRT preceptor. Instruction includes formal instruction directed at preparing the student for the national NBRC examinations. The student will continue to perform bedside skills including blood draws from arterial lines, arterial puncture, mechanical ventilator management, and invasive as well as noninvasive monitoring techniques. The latter portion of this course is designed to prepare the students for critical thinking and independent decision making as well as focusing on time management skills required to mirror therapist's daily workload, while still under the supervision of program instructors.
Terms offered: W
Classification: Occupational

RET2434C - Respiratory Care Chemical Analysis

Credits: 3
This course covers obtaining and analysis of blood samples, processing and interpretation of resulting data. Noninvasive and invasive methods of determining oxygenation and ventilation status are covered. Quality control issues are addressed.
Terms offered: F
Classification: Occupational

RET2714 - Pediatric/Neonatal Respiratory Care

Credits: 3
In this course students will study fetal, neonatal, and pediatric cardiopulmonary anatomy and physiology; neonatal and pediatric ventilation; adaptations of therapeutic techniques to pediatric patients; neonatal and pediatric respiratory diseases.
Terms offered: F
Classification: Occupational

RET2934 - Respiratory Care Case Management

Credits: 2
Corequisites: RET 2295
In this course the students will present hospital patients with specific diseases to his or her peers as well as the medical director. Each student will have an opportunity to review a case study and discuss the management of the hospital course as well as presenting a research paper on the disease presented.
Terms offered: W
Classification: Occupational

RET2936 - Respiratory Registry Preparation

Credits: 3
This course is designed to prepare the student to successfully pass the national board examinations for the registry credential. All students will be given an opportunity to participate in clinical simulations as well as mock registry exams. The course addresses questions that apply to the NBRC matrix for CRT, RRT and Clinical Simulation Exams.
Terms offered: W
Classification: Occupational

Social Sciences

AMH2010 - United States History to 1877

Credits: 3
In this course students will examine United States history from before European contact to 1877. Topics will include but are not limited to indigenous peoples, the European background, the Colonial Period, the American Revolution, the Articles of Confederation, the Constitution, issues within the new republic, sectionalism, manifest destiny, slavery, the American Civil War and Reconstruction.
Terms offered: F, W, S
Classification: Parallel

AMH2010H - United States History to 1877 Honors

Credits: 3
In this course students will examine United States history from before European contact to 1877. Topics will include but are not limited to Indigenous peoples, the European background, the Colonial Period, the American Revolution, the Articles of Confederation, the Constitution, issues within the new republic,

sectionalism, manifest destiny, slavery, the American Civil War, and Reconstruction. This is an Honors course.
Terms offered: F, W, S
Classification: Parallel

AMH2020 - United States History Since 1877

Credits: 3
In this course, students will trace the history of the United States from the end of the Reconstruction Era to the contemporary era. Topics will include but are not limited to the rise of industrialization, the United States' emergence as an actor on the world stage, constitutional amendments and their impact, the Progressive Era, World War I, the Great Depression and New Deal, World War II, the Civil Rights Era, the Cold War, and the United States since 1989.
Terms offered: F, W, S
Classification: Parallel

AMH2020H - United States History Since 1877 Honors

Credits: 3
In this course, students will trace the history of the United States from the end of the Reconstruction Era to the contemporary era. Topics will include but are not limited to the rise of industrialization, the United States' emergence as an actor on the world stage, constitutional amendments and their impact, the Progressive Era, World War I, the Great Depression and New Deal, World War II, the Civil Rights Era, the Cold War, and the United States since 1989. This is an Honors course.
Terms offered: F, W, S
Classification: Parallel

AMH2070 - History of Florida

Credits: 3
The course includes studies relating to explorations, Native Americans, imperial conflict, cultural heritages, Andrew Jackson, early statehood, tourism, agriculture, industry and contemporary problems.
Terms offered: W
Classification: Parallel

AMH2091 - Introduction to African-American History

Credits: 3
An exploration of major developments in black history from African origins through the slavery experience, freedom, the fight for equality, and the contemporary status of Black Americans.
Terms offered: F, W, S
Classification: Parallel

ANT2000 - Introduction to Anthropology

Credits: 3
In this course, students will learn the foundations of anthropology as the study of human variation in its biological, social, and cultural dimensions. Students will learn about anthropological concepts, principles, and methodologies to understand and explore past and present human behavior. They will apply the anthropological approach to analyze issues pertaining to past and contemporary cultures, and develop intellectual skills and habits to understand behavioral, social and cultural issues from multiple disciplinary perspectives.
Terms offered: F, W, S
Classification: Parallel

ANT2140 - Introduction to Archaeology

Credits: 3
An introduction to archaeology including the history and development of archaeology as a discipline, archaeological site survey and excavation procedures, and the evolution of human cultures from the Paleolithic Era through the development of complex societies. Case studies are drawn from both Old World and New World cultures.
Terms offered: F, W, S
Classification: Parallel

ANT2825 - Anthropology Field School

Credits: 6
This course provides field training in archaeology and archaeological methods including surface survey, subsurface testing, excavation and artifact analysis, as well as report drafting and legal and ethical issues in archaeology. It is intended to allow participants to fulfill Register of Professional Archaeologists certification requirements and fulfill degree requirements for a B.A. in Anthropology/Archaeology.
Terms offered: F, W, S
Classification: Parallel

CLP2140 - Abnormal Psychology

Credits: 3
Prerequisites: PSY 2012
This course looks at the classification, causation and introductory treatment issues of deviant patterns of behavior and psychopathology. The major types of psychological disorders, diagnostic classifications and proper terminology are presented. Theories of disorders, research in the field, and historical and current prevalence will be discussed. Ethical and legal issues will also be addressed. This course may be available online or as a hybrid.
Terms offered: F, W
Classification: Parallel

CPO2001 - Comparative Politics

Credits: 3
Prerequisites: ENC 1101
An introduction to the politics of industrialized democracies, communist and former communist states, and non-Western societies. Emphasis will be on comparative political culture and socialization, institutions, processes and political economic relations.
Terms offered: W
Gordon Rule Applies.
Classification: Parallel

DEP2004 - Human Growth and Development

Credits: 3
Prerequisites: ENC 1101 and PSY 2012
A detailed study of the physical, cognitive and social development throughout the human life cycle. This course may be available online or as a hybrid.
Terms offered: F, W, S
Gordon Rule Applies.
Classification: Parallel

DEP2004H - Honors Human Growth and Development

Credits: 3
Prerequisites: ENC 1101 and PSY 2012
A detailed study of human physical, cognitive and social development throughout the lifespan. This course may be offered as a traditional lecture, hybrid or online course, and contains an Honors component designed by the instructor.
Terms offered: F, W, S
Gordon Rule applies.
Classification: Parallel

GEA2000 - World Geography

Credits: 3
Prerequisites: ENC 1101
A study of the relationships between population, human activities and the physical world. Representative countries are studied on a comparative basis as to the influence of geography on humans. This course may be available online or as a hybrid.
Terms offered: F, W, S
Gordon Rule Applies.
Classification: Parallel

IDH2703H - Honors Leadership Development

Credits: 3
This course is for individuals who wish to develop their leadership skills. It is designed to aid students in increasing their understanding of themselves and the theories and techniques of leadership and group processes using tools derived from the study of the Humanities, particularly exploring foundational texts from the Western Canon. Topics include using logic and creativity in decision-making, resolving conflict, time management, and ethics. This course contains an Honors component created by the instructor.
Terms offered: F, W, S
Classification: Parallel

IDH2911H - Honors Research Process

Credits: 3
Prerequisites: ENC 1101 or equivalent
This honors course will introduce students to the process of research, tools, concepts, and resources necessary to search, evaluate, and use information in a variety of formats and subject disciplines. The focus will be to analyze and utilize information critically using a broad range of materials and interdisciplinary concepts needed for honors research and academic/professional success. Foundational research projects from the Western canon will be explored as examples.
Terms offered: F, W, S
Classification: Parallel

INR2002 - International Relations

Credits: 3
Prerequisites: ENC 1101
This course is designed to introduce the student to the theories and major developments in world politics, with special reference to the place of the United States in the world community.
Terms offered: F, W
Gordon Rule Applies.
Classification: Parallel

INR2500 - Model United Nations

Credits: 3
An introduction to the study of the United Nations including its history, international issues under its consideration and its diplomatic roles within the global community. Emphasis is placed on research and experiential learning. Students assume the role of member states of the United Nations and participate in Model United Nations simulations.
Terms offered: F, W, S
Classification: Parallel

ISS1013 - Introduction to the Social Sciences

Credits: 3
Prerequisites: ENC 1101
An introduction to the social sciences and to the major issues facing America today. Topics include population, minorities, cities, crime, poverty, health, the environment, values and international relations. This course may be available online or as a hybrid.
Terms offered: F, W, S
Gordon Rule Applies.
Classification: Parallel

ISS2930 - Special Topics in Social Sciences

Credits: 3
This course centers on topics of current interest or special interest to students or instructors. Topics or focus may vary from semester to semester. Topics will be identified by ISS2930 title published in the course schedules for each semester that the course is offered. This course may include a study abroad component, depending on topic. Special topics credit hours are not automatically transferable. Transfer credit is the prerogative of the receiving institution.
Terms offered: F, W, S
This course may be repeated for credit. Classification: Parallel

ISS2936H - Honors Colloquium in Contemporary Social Issues

Credits: 1
An examination of contemporary social issues making use of a variety of experiences that include guest speakers and visiting experts. Admission to the Community of Scholars Program, a 3.3 or higher GPA, or permission of instructor is required.
Terms offered: F, W, S
Classification: Parallel

LAH2020 - Introduction to Latin American Civilization

Credits: 3
A survey of Latin American history and culture from pre-Columbian times to the present, including developments in philosophy and the arts, as well as political and economic trends. Topics include pre-Columbian art, literature, and thought; the role of the church; the status of women; race relations; and Latin American relations with the United States.
Terms offered: F, W, S
Classification: Parallel

POS2041 - American National Government

Credits: 3
In this course, students will investigate how the national government is structured and how the American constitutional republic operates. It covers the philosophical and historical

foundations of American government, including but not limited to the Declaration of Independence, the United States Constitution and all its amendments, and The Federalist Papers. The course examines the branches of government and the government's laws, policies, and programs. It also examines the ways in which citizens participate in their government and ways their government responds to citizens.
Terms offered: F, W, S
Classification: Parallel

POS2041H - American National Government Honors

Credits: 3
In this course, students will investigate how the national government is structured and how the American constitutional republic operates. It covers the philosophical and historical foundations of American government, including but not limited to the Declaration of Independence, the United States Constitution and all its amendments, and The Federalist Papers. The course examines the branches of government and the government's laws, policies, and programs. It also examines the ways in which citizens participate in their government and ways their government responds to citizens. This course is an Honors course.
Terms offered: F, W, S
Classification: Parallel

POS2112 - State and Local Government

Credits: 3
The course is a study of the chief political problems facing these governments, the functions of the governments, and the services they provide.
Terms offered: F, W, S
Classification: Parallel

PSY2012 - General Psychology

Credits: 3
In this course, students will gain an introduction to the scientific study of human behavior and mental processes. Topics may be drawn from historical and current perspectives in psychology.
Terms offered: F, W, S
Classification: Parallel

PSY2012H - Honors General Psychology

Credits: 3
In this course, students will gain an introduction to the scientific study of human behavior and mental processes. Topics may be drawn from historical and current perspectives in psychology. This is an Honors course. Admission to the Community of Scholars program, a 3.3 or higher GPA, or permission of instructor is required.
Terms offered: F
Classification: Parallel

PSY2861 - Positive Psychology

Credits: 3
This course will utilize student-centered learning activities and is designed to provide students with a foundation in practical applications of personality and social psychology concepts. The course will address fundamentals of psychology as a means to develop positive personal self-management behaviors by providing students with strategies that support personal success and success in life-long learning. Topics will include: positive, social and personality psychology approaches; adjustment and self-management psychological concepts, decision-making, critical thinking and problem solving, assessment and behavior change, social and cognitive learning theories and strategies; identifying maladaptive psychological processes; application strategies for success in positive outcomes for coping with stress, time management, health and wellness, effective studying, management of emotions, decision making, communication skills, interpersonal relationships, self-concept and self-efficacy. This course may be available in the on campus lecture and blended online/on campus instructional formats.
Terms offered: F, W, S
Classification: Parallel

PSY2930 - Special Topics

Credits: 1
Prerequisites: PSY 2012
This course centers on topics of current interest or of special interest to students or instructors. Topics or focus may vary from semester to semester. Topics will be identified by the PSY 2930 title published in the course schedule for each semester that the course is offered. Special topic credit hours are not automatically transferable. Transfer credit is the prerogative of the receiving institution.
Terms offered: F, W, S
This course may be repeated for credit with different topics.
Classification: Parallel

SLS1122 - First Year Seminar

Credits: 3
This course is tailored for students who are in their first two semesters at the College of Central Florida. It covers a range of essential topics, such as research skills, career planning, self-discovery, intellectual growth, time management, study skills, financial literacy, health/wellness, and global awareness. The course places a strong emphasis on experiential learning through collaborative efforts with peers, integration into college life, community engagement, and utilizing campus resources. Successful completion of this course satisfies the computer competency requirement for all degrees. The course is mandatory for all A.A. degree-seeking students.
Classification: Parallel

SLS1501 - College and Career Success

Credits: 3
Student Life Skills is a three-credit general education course. This course can be used to meet the 60 hour graduation requirement for either a personal development and/or computer competency. This course covers seven major areas of knowledge that are essential for success in college: college expectations, academic skill building, identifying and utilizing campus resources, self-discovery and intellectual growth, career pathway exploration, computer literacy and diversity.
Terms offered: F, W, S
Classification: Parallel

SLS1930 - Special Topics in Student Success

Credits: 1
This course introduces an area of interest regarding student success that is not given in-depth coverage in other courses. The specialized topics and course content vary by semester, instructor, and section. The class schedule specifies the content each semester.

Terms offered: F, W, S
This course may be repeated for credit with different topics.
Classification: Parallel

SLS2261 - Leadership Development

Credits: 3
This course is for individuals who wish to develop their leadership skills. It is designed to aid students in increasing their understanding of themselves and the theories and techniques of leadership and group processes. Topics include using logic and creativity in decision-making, resolving conflict, time management and leadership ethics.
Terms offered: F, W
Classification: Parallel

SLS2261H - Leadership Development Honors

Credits: 3
This course is for individuals who wish to develop their leadership skills. It is designed to aid students in increasing their understanding of themselves and the theories and techniques of leadership and group processes. Topics include: using logic and creativity in decision-making, resolving conflict, time management and leadership ethics.
Terms offered: F, W, S
Classification: Parallel

SOP2001 - Social Psychology

Credits: 3
This course features the scientific study of social factors that influence individual behavior and cognition. Course topics include concepts of social thinking, attitudes, decision-making, strategies of social influence, such as conformity, obedience, persuasion, social facilitation and social relations concepts of prejudice, racism, ageism, polarization, deindividuation and applications of social psychology in various academic disciplines and career fields.
Terms offered: F, W, S
Classification: Parallel

SYG2000 - Introductory Sociology

Credits: 3
In this course, students will gain an understanding of the basic sociological concepts and vocabulary, including the methodological tools, sociological perspectives, and scientific procedures used by social scientists to collect data and conduct research. Topics generally include: society and culture, institutions, socialization, influences, crime, change, groups, sex, race and ethnicity, family, class and population.
Terms offered: F, W
Classification: Parallel

SYG2010 - Social Problems

Credits: 3
An in-depth analysis into the scope and causes of major social problems from a local, national and international perspective with discussion of possible remedial approaches to each problem area.
Terms offered: F, W, S
Classification: Parallel

SYG2340 - Human Sexuality and Society

Credits: 3
A study of the physiological, psychological and cultural factors that affect the sexual behavior of human beings. Topics include historical and cross-cultural perspectives, research methodology, sexuality as communication and an expression of love, sexuality and the mass media, gender roles, sexual development, sexual arousal and response, sexual orientation, birth control, pregnancy, childbirth, sexual dysfunctions, sexual violence, sexual harassment and sexually transmitted infections. This course maybe available online and hybrid.
Terms offered: F, W, S
Classification: Parallel

SYG2430 - Marriage and the Family

Credits: 3
An exploration of the diversity and complexity of intimate relationships addressing dating, courtship and marriage, sexual values and behaviors, communication and conflict resolution, parenting, alternative family forms and families in transition. This course may be available online and as a hybrid.
Terms offered: F, W, S
Classification: Classification: Parallel

WOH2012 - World Civilizations I

Credits: 3
Prerequisites: ENC 1101
A survey of our past, emphasizing the intellectual, cultural, military, political and economic history of Mesopotamia, Egypt, Greece, Rome, Medieval Christendom, Islam, Africa and the Far East.
Terms offered: F, W, S
Gordon Rule Applies.
Classification: Parallel

WOH2012H - Honors World Civilizations I

Credits: 3
Prerequisites: ENC 1101
An interpretive introduction to the events, ideas, movements and literature of the ancient and medieval world, this course will be conducted in seminar form, and students are expected to read and write extensively. Admission to this course is selective. Admission to the Honors Institute, a 3.3 or higher GPA, or permission of instructor is required.
Terms offered: F, W, S
Gordon Rule Applies.
Classification: Parallel

WOH2022 - World Civilizations II

Credits: 3
Prerequisites: ENC 1101
A survey of the major civilizations of the modern world. Topics include the Renaissance, the Protestant Reformation, the Age of Reason, the French Revolution, the Industrial Revolution, liberalism and socialism, European nationalism, imperialism, World War I, the Russian Revolution, fascism, national socialism, totalitarianism, World War II, nationalism in Africa and Asia, the Cold War and the post-Cold War world.
Terms offered: F, W, S
Gordon Rule Applies.
Classification: Parallel

WOH2022H - Honors World Civilizations II

Credits: 3
Prerequisites: ENC 1101
An interpretive introduction to the events, ideas, movements and literature of modern world history, this course is conducted in

seminar form, and students are expected to read and write extensively. Admission to this course is selective. Admission to the Honors Institute, a 3.3 or higher GPA, or permission of instructor is required.
Terms offered: F, W, S
Gordon Rule Applies.
Classification: Parallel

Diagnostic Medical Sonography

SON1000 - Introduction to Sonography

Credits: 2
Corequisites: SON 1000L
This course introduces students to the profession of diagnostic medical sonography including the role of the sonographer and the origins of the profession as well as the evolution of diagnostic medical sonography. It focuses on medical terminology, ethical/legal aspects, written/verbal communication, and professional issues relating to registry, accreditation, professional organizations and history of diagnostic medical sonography as a profession. This course is designed to introduce students to safety, work-related injuries, body mechanics, patient transfer, infection control and emergency procedures. Career discussions include the sonographer's role in various clinical settings, ethics and professionalism, job search and interview techniques.
Terms offered: F
Classification: Occupational

SON1000L - Introduction to Sonography Lab

Credits: 1
Corequisites: SON 1000
This course provides a laboratory environment for the student to work with ultrasound equipment to develop the skills necessary to perform sonographic examinations. Students will identify lesions of various echogenicity, learn sonographic directional terms, knobology, image orientation, transducer care, scanning and patient breathing techniques, demonstrate ergonomic scanning and communication skills, practice patient transfer protocols and body mechanics, image optimization as well as patient positioning, write technical impression worksheets and utilize sonographic terminology.
Terms offered: F
Classification: Occupational

SON1111 - Abdominal Sonography I

Credits: 2
Corequisites: SON 1111L
This course presents a comprehensive study of normal anatomy and sonographic appearances of abdominal structures and small parts. The course will emphasize the sonographic features and characteristics of normal anatomy of each organ. The course will also integrate clinical and diagnostic procedures which are common to and specific to each organ. Normal variants, physiology, pertinent laboratory tests, scanning techniques and protocols, transducer selection, exam preparation and correlation with patient medical history and the findings of other imaging modalities are covered in this course.
Terms offered: F
Classification: Occupational

SON1111L - Abdominal Sonography I Lab

Credits: 2
Corequisites: SON 1111
This course provides a laboratory environment for the students to work with ultrasound equipment to develop the skills necessary to perform abdominal exams and superficial structures. Students will practice scanning techniques, exam protocols, image optimization, patient positioning, write technical impressions, learn sonographic terminology, anatomical landmarks and demonstrate their scanning skills necessary for completing various exams for abdominal organs and superficial structures.
Terms offered: F
Classification: Occupational

SON1113 - Sonographic Cross-Sectional Anatomy

Credits: 3
The course introduces sonographic representation of the abdomen, thorax, vascular and superficial structures, female and male pelvic organs, cranium and brain anatomy. Students will build on their existing entry-level gross anatomy knowledge base to develop recognition of organs and their relationships in axial, sagittal and oblique planes. Students will also be introduced to organ recognition on other cross-sectional imaging modalities used in conjunction with sonography such as computed tomography. Topics include organ structure, scanning planes, patient positioning, and terminology. Emphasis is on visualization of the appearance and the relationships of body organs in the planar sections. This course enables the student to picture and mentally reconstruct the human body in three-dimensional planes as it relates to diagnostic sonographic imaging.
Terms offered: F
Classification: Occupational

SON1121 - Obstetrics and Gynecology Sonography I

Credits: 2
Corequisites: SON 1121L
This course provides a comprehensive study of the anatomy and physiology of both normal gravid and non-gravid female pelvis as well as the reproductive system. Students will be introduced to normal sonographic patterns and appearance of the uterus, normal variants, ovaries, fallopian tubes and related structures. Embryogenesis, reproductive cycle, normal fetal growth and development in the first, second and third trimesters, pertinent laboratory tests, comparison to the findings of other imaging modalities, transabdominal and transvaginal scanning techniques are also discussed in this course.
Terms offered: W
Classification: Occupational

SON1121L - Obstetrics and Gynecology Sonography I Lab

Credits: 1
Corequisites: SON 1121
This course provides a laboratory environment for the student to work with ultrasound equipment to develop the skills necessary to perform pelvic and obstetric exams. Students will practice scanning techniques, protocols, image optimization, patient positioning, technical impression worksheets, terminology, and complete laboratory proficiencies for transabdominal, transvaginal normal pelvic and first trimester obstetric ultrasound exams.
Terms offered: W
Classification: Occupational

SON1211C - Medical Sonographic Physics I

Credits: 3

The course is designed to present the sonography student with detailed explanations of sound physics and instrumentation, the theory of physics principles and their practical applications. Principles of instrumentation and practical applications are presented in a laboratory setting, correlating theory with clinical application. This course examines physical principles of sonography and focuses on explanation of various sonography-related terms and concepts such as piezoelectricity, echoes, wavelength, frequency, refraction, acoustic impedance, propagation, sound beam generation, power, intensity, reflection, attenuation, bandwidth, resolution and more.

Terms offered: F

Classification: Occupational

SON1808 - Clinical Education I

Credits: 6

This course provides students with clinical education and experience at clinical sites and allows them to practice skills necessary to obtain high quality sonographic images. It provides clinical instruction in abdominal, obstetric, gynecologic, superficial structures and vascular scanning. Patient care, the role and duties of the sonographer in the health care environment and instruction in the use of various types of ultrasound equipment will be demonstrated. This course provides students with an opportunity to perform sonographic examinations under the supervision of a qualified registered sonographer, alter protocols based on sonographic findings, evaluate image quality, think critically, correlate and apply skills learned in the classroom. Students will receive instruction and guidance in producing quality sonographic images and the parameters used to evaluate the images throughout their clinical rotations.

Terms offered: W

Classification: Occupational

SON2053 - Medical and Surgical Diseases

Credits: 3

In this course students will review their knowledge base of gross human anatomy, proper terminology, patient positions and scan planes as they relate to sonographic imaging. This course prepares students for clinical education courses by reviewing disease processes as they appear on sonographic images. Students will explore diagnostic imaging modalities demonstrating medical and/or surgical diseases. In addition, students will review clinical signs and symptoms, patient clinical history and related laboratory values associated with various disease processes. Emphasis is on the interpretation of sonographic appearances of abdominal, OB/GYN, small parts and vascular structures. This course provides an opportunity for students to review and present interesting sonography case studies.

Terms offered: W

Classification: Occupational

SON2112 - Abdominal Sonography II

Credits: 2

Prerequisites: SON 1111 and SON 1111L

Corequisites: SON 2112L

This course presents a comprehensive study of pathology, pathophysiology, disease states and sonographic appearances of abdominal structures and small parts. It is designed to correlate the sonographic anatomy, physiology, and pathology of the following organs/systems: abdomen, abdominal vascular system, biliary system, urinary system, adrenal glands, spleen, lymph nodes, retroperitoneum, peritoneal cavity, GI system, abdominal wall, male pelvis, scrotum, neck, thyroid, and superficial structures. Clinical symptoms and data, relevant laboratory tests and the pathophysiology of pertinent diseases are covered in this course. Sonographic images of pathological states as well as correlation with patient medical history and the findings of other imaging modalities are also presented.

Terms offered: W

Classification: Occupational

SON2112L - Abdominal Sonography II Lab

Credits: 1

Prerequisites: SON 1111 and SON 1111L

Corequisites: SON 2112

This course provides an in-depth laboratory environment for students to continue developing skills necessary to prepare them for performing diagnostic exams in the clinical environment. Students will practice scanning techniques, protocols, image optimization, patient positioning, technical impression worksheets, terminology, abdomen, abdominal vascular system, biliary system, urinary system, adrenal glands, spleen, lymph nodes, retroperitoneum, peritoneal cavity, GI system, abdominal wall, male pelvis, scrotum, neck, thyroid and superficial structures. Students will complete laboratory proficiencies for abdominal organs and small parts covered in this course including pathologic findings.

Terms offered: W

Classification: Occupational

SON2122 - Obstetrics and Gynecology Sonography II

Credits: 2

Prerequisites: SON 1121 and SON 1121L

Corequisites: SON 2122L

This course provides an in-depth study of pathology, pathophysiology, disease states and sonographic appearances of obstetric and gynecological structures. It teaches students about instrumentation and scanning technique optimization for pathological findings. Sonographic identification of abnormal fetal growth and development in the first, second and third trimesters, and major congenital abnormalities are also discussed. Students will examine clinical symptoms, relevant laboratory tests and the pathophysiology of pertinent diseases and fetal defects. This course teaches students about sonographic images of pathological states as well as correlation with patient medical history and the findings of other imaging modalities. Students are also taught management of the obstetric patients as they present with common pathological conditions of gestation.

Terms offered: F

Classification: Occupational

SON2122L - Obstetrics and Gynecology Sonography II Lab

Credits: 1

Prerequisites: SON 1121 and SON 1121L

Corequisites: SON 2122

This course provides a laboratory environment for students to develop scanning skills and practice protocols related to normal and abnormal gynecological and obstetric anatomy including the first, second and third trimesters. Students will demonstrate

sonographic pathology associated with the female reproductive organs of the pelvis. Students will practice performing fetal biometrics and scanning technique optimization for pathological findings such as abnormal fetal growth and major congenital abnormalities. This course allows students to examine clinical symptoms, relevant laboratory tests and the pathophysiology of pertinent diseases and fetal defects. Students will complete pelvic and obstetric laboratory proficiencies with pathological findings in the laboratory.
Terms offered: F
Classification: Occupational

SON2140 - Vascular and Small Parts Sonography

Credits: 3
Corequisites: SON 2140L
In this course students will review the physics and instrumentation of Doppler ultrasound, learn normal hemodynamics and hemodynamics present in disease states, protocols and diagnostic criteria related to small parts and cerebrovascular as well as peripheral vascular system imaging. This course covers a variety of non-routine sonographic procedures and special topics such as prostate, penile, breast, noncardiac chest, neonatal/infant and pediatric imaging. This course covers abdominal and female pelvis Doppler applications, ultrasound-guided interventional techniques and emergent abdominal procedures. Anatomy and physiology of the extracranial and intracranial vessels will be discussed. Pathological changes that occur during disease processes will be emphasized. Normal and abnormal color flow and spectral Doppler flow patterns will be discussed. Emphasis will be placed on normal and abnormal velocities and their relevance. An introduction to surgical treatments and postsurgical sonographic evaluation will be included.
Terms offered: F
Classification: Occupational

SON2140L - Vascular and Small Parts Sonography Lab

Credits: 2
Corequisites: SON 2140
During this laboratory training, students will practice the physics and instrumentation of Doppler ultrasound, normal hemodynamics and hemodynamics present in disease states, protocols and diagnostic criteria related to small parts, cerebrovascular as well as peripheral vascular system imaging. This course provides students with an opportunity to learn and demonstrate a variety of nonroutine sonographic procedures and special topics such as prostate, penile, breast, noncardiac chest, neonatal/infant and pediatric abdomen. Students will be introduced to abdominal and female pelvis Doppler applications, ultrasound-guided interventional techniques and emergent abdominal procedures. Anatomy and physiology of the cerebrovascular and peripheral vascular systems will be demonstrated. Pathological changes that occur during disease processes will be emphasized. Normal and abnormal color flow and spectral Doppler flow patterns will be explored. Emphasis will be placed on normal and abnormal velocities and their relevance. Students will complete laboratory proficiencies in the laboratory.
Terms offered: F
Classification: Occupational

SON2212C - Medical Sonographic Physics II

Credits: 3
This course is a continuation of the Medical Sonographic Physics I course. It is designed to present the sonography student with detailed explanations of sound physics and instrumentation, the theory of physics principles and their practical applications. Principles of instrumentation and practical applications are presented in a laboratory setting, correlating theory with clinical application. It provides an in-depth explanation of ultrasound physics as it relates to real-time imaging and instrumentation. It examines various aspects of ultrasound system designs and emphasizes essential ultrasound topics such as pre and postprocessing, real-time imaging characteristics, imaging resolution, transducer types and their functions, Doppler effect, color-Doppler and spectral-Doppler instruments, types of flow, artifacts, bioeffects and safety.
Terms offered: W
Classification: Occupational

SON2818 - Clinical Education II

Credits: 9
Prerequisites: SON 1808
This course provides students with clinical experience at clinical sites and allows them to broaden and improve their scanning skills. This course continues to build on the skills learned in the Clinical Education I course and continues to provide clinical instruction in abdominal, obstetric, gynecologic, superficial structures and vascular scanning protocols. Emphasis is on broadening and progression of clinical knowledge and experience. Patient care, the role and duties of the sonographer in the health care environment and instruction in the use of various types of ultrasound equipment will be demonstrated. Students will attain clinical competencies in ultrasound imaging of the abdominal, vascular, obstetric, gynecologic organs and other superficial structures. Emphasis is on refining scanning skills, increasing self-confidence through more independent scanning and submitting completed cases to the radiologists for interpretation. Students receive instruction and guidance in producing quality sonographic images and the parameters used to evaluate the images.
Terms offered: S
Classification: Occupational

SON2828 - Clinical Education III

Credits: 6
Prerequisites: SON 2818
This final clinical course builds on all prior coursework to provide the student with a solid foundation of all protocols and scanning techniques related to abdominal, obstetric, gynecologic, superficial structures and vascular scanning. Patient care, the role and duties of the sonographer in the health care environment and instruction in the use of various types of ultrasound equipment will be demonstrated. This course offers students an opportunity to refine their skills in independent scanning, recognize normal and pathological sonographic findings, alter protocols, improve image quality, gather pertinent clinical data and correlate with other imaging tests to fully understand the total medical picture of the patient prior to the ultrasound exam. Students will demonstrate full proficiency in ultrasound imaging of the abdomen, OB/GYN organs, superficial and vascular structures as well as other organ systems/procedures. Emphasis is on the progression to full independent scanning under the supervision of qualified registered sonographer.

Terms offered: F
Classification: Occupational

Surgical Services

STS1302 - Introduction to Surgical Technology

Credits: 6
Corequisites: STS 1307 and STS 1308 and STS 1327C and STS 1340
This course introduces the discipline of surgical technique, introduction to the program and facilities, mental health/personal hygiene, professional ethics, the design of the surgical suite, the health care team, legal issues in patient care, affirmative impact statement, asepsis/infection control, instrument cleaning methods for prevention of infection, sterilization methods for prevention of infection, chemical disinfection and environmental sanitation. This course also includes an introduction to the sequence and principles of perioperative care as regards to the adult, pediatric, geriatric, bariatric and special needs patient care concepts. Discussion on types of consents, transportation and transfer of the surgical patient, perioperative patient routines, safety issues and death will be included. Students will be introduced to the skills necessary to function as a Surgical Technologist in the operating room including principles of aseptic technique, correct posture for scrubbing, gowning and gloving, draping and handling of specimens. The basic concepts of microbiology as they apply to the practice of surgery, including patient psychological needs and assessment and the process for obtaining consent for surgery will also be covered.
Terms offered: F
Classification: Occupational

STS1307 - Operating Room Techniques and Instrumentation

Credits: 3
Corequisites: STS 1302 and STS 1308 and STS 1327C and STS 1340
This course will focus on the fundamental concepts of Surgical Technology in regards to instrumentation. This course focuses specifically on instrument classification, instrument names, instrument parts, instrument materials, instrument finishes and the use of the instrumentation themselves. During this course, the student will have the opportunity to learn relationships between type and usage. This course also focuses on the function, assembly and care of specialty and accessory equipment used in a surgical setting. Finally, this course will review the various supplies used in the operating room.
Terms offered: F
Classification: Occupational

STS1308 - Perioperative Patient Care Concepts

Credits: 2
Corequisites: STS 1302 and STS 1307 and STS 1327C and STS 1340
This course introduces the student to adult, pediatric, geriatric, bariatric and special needs patient care concepts. Discussion on types of consents, transportation and transfer of the surgical patient, perioperative patient routines, safety issues and death will be included.
Terms offered: F
Classification: Occupational

STS1327C - Principles and Practices of Surgical Technology with Lab

Credits: 4
Corequisites: STS 1302 and STS 1307 and STS 1308 and STS 1340
This course is an introduction to the proper handling of instruments, equipment and supplies, including assembly and sterilization techniques, and procedures will include surgical scrubbing prior to surgical procedures, counting instruments, sponges, needles and other items on the sterile field; performing initial steps of surgical procedures and handling sterile equipment and supplies during an operation.
Terms offered: F
Classification: Occupational

STS1340 - Pharmacology and Anesthesia

Credits: 3
Corequisites: STS 1302 and STS 1307 and STS 1308 and STS 1327C
This course is designed to introduce students to the most commonly used perioperative pharmacological agents with emphasis on identification, handling and usage.
Terms offered: W
Classification: Occupational

STS2323 - Surgical Procedures I

Credits: 3
Prerequisites: STS 1302 and STS 1307 and STS 1308 and STS 1327C and STS 1340
Corequisites: STS 2944
This course is designed to prepare students for surgical procedures including the review of surgical anatomy, physiology and pathophysiology and relevant equipment, supplies and techniques regarding cardiothoracic surgery, endoscopic surgery, general surgery, genitourinary surgery, neurological surgery, obstetrics/gynecological surgery, ophthalmic surgery, oral/maxillofacial surgery, otorhinolaryngological surgery (ear, nose and throat), orthopedic surgery, peripheral vascular surgery, plastic surgery and diagnostic procedures.
Terms offered: W
Classification: Occupational

STS2324 - Surgical Procedures II

Credits: 3
Prerequisites: STS 1302 and STS 1307 and STS 1308 and STS 1327C and STS 1340
Corequisites: STS 2944
A continuation of STS 2323, this course further prepares students for surgical procedures including the review of surgical anatomy, physiology, pathophysiology, relevant equipment, supplies and techniques regarding cardiothoracic surgery, endoscopic surgery, general surgery, genitourinary surgery, neurological surgery, obstetrics/gynecological surgery, ophthalmic surgery, oral/maxillofacial surgery, otorhinolaryngological surgery (ear, nose and throat), orthopedic surgery, peripheral vascular surgery, plastic surgery and diagnostic procedures.
Terms offered: W
Classification: Occupational

STS2329 - Advanced Surgical Techniques, Procedures and Professional Skills

Credits: 4
Prerequisites: STS 2323 and STS 2944
Corequisites: STS 2945
This course is a continuation of STS 2323 and STS 2324, designed to teach the skills necessary to function as a Surgical Technologist in the operating room including principles of aseptic technique, including a basic understanding of robotics and their use in the operating room setting. In addition, an understanding of the principles of physics and electricity as it relates to the operating room environment will be covered. This course also includes a review of surgical anatomy, physiology, pathophysiology, relevant equipment, supplies and techniques regarding procurement and transplant procedures. Students will gain computer knowledge as it relates to the surgical application of computers, computer hardware, computer software, graphics and basic internet. This course will also expand the student employability skills, professional resume writing and participation in mock interviews. This course will also discuss the steps in becoming a CST, outlining procedures for applying and taking the National CST exam and review for the CST exam. The importance of maintaining credentials through continuing education is also discussed.
Terms offered: S
Classification: Occupational

STS2944 - Clinical Practice I

Credits: 7
Prerequisites: STS 1302 and STS 1307 and STS 1327C and STS 1340
Corequisites: STS 2323
This course is the first in a series of two clinical courses. This course is an introduction to the clinical environment of surgery, implementation of principles of aseptic technique, identification and use of instruments, suture, and needles, transportation and positioning of patients, and the development of skill in hand scrubbing, gowning, and gloving procedures. Students begin to concentrate on clinical experience by circulating and scrubbing on all phases of surgery. Students will rotate through various agencies within the tricounty and Central Florida area. Students are responsible for making their own transportation arrangements (32 hours of clinical experience per week for 14 weeks.)
Terms offered: W
Classification: Occupational

STS2945 - Clinical Practice II

Credits: 6
Prerequisites: STS 2323 and STS 2324 and STS 2944
Corequisites: STS 2329
This course is a continuation of STS 2944. In this course students will concentrate their clinical experience by circulating and scrubbing in on all phases of specialty surgery and assisting in the use of special instruments, procedures, and surgical equipment. Students will continue rotation through various agencies within the tricounty and Central Florida area. Students are responsible for making their own transportation arrangements (32 hours of clinical experience per week for 8 weeks.)
Terms offered: S
Classification: Occupational

Theatre

THE1000 - Theatre Appreciation

Credits: 3
In this course, students will explore dramatic structure, techniques, and various organizational elements. The course provides and introduction to theatre as a collaborative art form through the critical analysis of its historical context, production, theory and connections to theatrical literature, including the Western canon.
Terms offered: F, W
Classification: Parallel

THE1925 - Play Production

Credits: 3
Practical, hands-on study of theatre from the perspective of the technician, the actor and the director. Students will perform in a one-act play. Course requires limited work outside of class.
Terms offered: F
Classification: Parallel

THE2304 - Script Analysis

Credits: 3
This course attempts to study selected dramas in literature from a practical standpoint. Through the analysis of these plays, actors, directors and designers can better understand the dramatic potential of the literature that they will be utilizing in performance. This practical approach to analysis is underpinned with a formalist methodology, a standard system of classification used in dramatic literature textbooks. Discussion of representative plays, watching videos of plays, and critiquing live performances will be utilized, in addition to lectures.
Terms offered: F
Classification: Parallel

THE2925 - Production and Performance

Credits: 1
Participation in the production program of the curriculum with work in technical or performance aspects of major theatre productions and one-act plays. Assignments and grades are based on contract with instructor.
Terms offered: F, W, S
This course may be repeated for credit. Classification: Parallel

THE2927 - Advanced Play Production

Credits: 1
The principles of dramatic interpretation and stagecraft are applied in laboratory production of plays. Assignments and grades are based on contract with the instructor. Permission of instructor is required.
Terms offered: F, W, S
This course may be repeated for credit. Classification: Parallel

TPA1200C - Basic Stagecraft

Credits: 3
This course will explore the fundamentals of production stagecraft and shop management which are the foundation for theatrical electricians, properties artists and set production personnel. Through a survey of typical production issues students will be introduced to construction, installation, maintenance and management of scenic and lighting elements in theatrical production. Students will complete workshop assignments using standard carpentry techniques and tools and with theatrical lighting

equipment.
Terms offered: F, W
Classification: Parallel

TPA1290 - Technical Theatre Lab

Credits: 1
This course is designed to complement technical theatre elective courses by giving students the opportunity for hands-on interaction in a structured lab setting. Students will be assigned duties appropriate for their skills that will synthesize the classroom experience. Development of practical skills are needed for working in the theatre. Course participants will work on the production aspects of the main theatre performance for that semester.
Terms offered: F, W
This course may be repeated for credit. Classification: Parallel

TPA2070 - Scene Painting

Credits: 3
This course includes the study and application of stage scenery painting technique involving equipment, preparation, mixing and layout. This course includes lab work on actual stage productions. Permission of instructor required.
Terms offered: F, W
Classification: Parallel

TPA2212 - Sound Production for the Theatre

Credits: 3
This course includes the practical use of sound on the stage, including the properties of microphones, speakers, amplifiers and control systems. It also incorporates hands-on experience in sound for stage productions. The course includes a lab. Permission of instructor is required. Offered as needed.
Terms offered: F, W
Classification: Parallel

TPA2220 - Stage Lighting

Credits: 3
The practical use of lighting on stage, including the properties of light and color, instruments and control systems, plus hands-on experience in lighting and designing stage productions. This course includes lab work on actual stage productions. Permission of instructor is required.
Terms offered: F, W
Classification: Parallel

TPA2232 - Beginning Costume and Makeup

Credits: 3
This course is an introduction to costuming for the theatre. Subjects to be covered include safety and health issues for the costumer; job descriptions and positions in the costuming field; fabric identification; overview of patterning options; basic hand and machine-sewing techniques; measurements, fitting and alterations; costume research; preproduction and production period and budget; stage makeup (basic, old age and specialty); and portfolio development. Students will be involved in building the fall and spring shows and will be expected to work outside of class when necessary.
Terms offered: F, W
Classification: Parallel

TPP2100 - Acting I

Credits: 3
Students will be introduced to basic acting techniques and skills, including exercises in characterization, relaxation and concentration, verbal and nonverbal communication, and expression. Students will enrich their knowledge and performance canon, with eventual performance of monologues or scene work from plays/film in the Western canon from the 20th or 21st century.
Terms offered: W
Classification: Parallel

TPP2111 - Acting II

Credits: 3
Prerequisites: TPP 2100
This course is a continuation of TPP 2100 Acting I, with emphasis on in-depth textual analysis, advanced techniques of character development, and competent breakdown of scene structure, to be developed through monologues and scene study.
Terms offered: W
Classification: Parallel

TPP2301 - Directing Theatre

Credits: 3
Prerequisites: TPP 2100
Directing Theatre is designed to introduce students to the process of selection, research, conception, casting, rehearsing, and staging of a play. This is a lecture-laboratory course designed to give students theoretical knowledge and practical experience in theatre production and play directing. The students will experience directing scenes and one-acts for a student play festival.
Terms offered: W
Classification: Parallel

Wellness and Athletics

HLP1081 - Personal Wellness Appraisal and Improvement

Credits: 3
Designed to help students understand their current health status and provide them with the knowledge of a functional program for wellness.
Terms offered: F, W, S
Classification: Parallel

HSC1171 - Stress Management and Emotional Health

Credits: 3
This course reviews the definition of stress and the physiological response to stressors. The course will examine the stress response, sources of stress, and the negative impacts stress can have on health. Students will investigate healthy coping techniques and explore the hallmarks of emotional well-being. In this course, students can expect to evaluate their current stress levels and coping mechanisms and practice various relaxation techniques used to counter the negative effects stress can have on physiological health.
Terms offered: F, W, S
Classification: Parallel

HSC2140 - Drugs in Society

Credits: 3
The course emphasizes the social, moral, psychological and

physiological causes and effects of drug use and abuse in society.
Terms offered: F, W, S
Classification: Parallel

PET2622C - Care and Prevention of Athletic Injuries

Credits: 3
This is an introductory course that explores the art and science of effectively preventing and managing athletic-related injuries. The course is designed to facilitate the student's understanding for the principles related to appropriate prevention, treatment and rehabilitation in order to maximize the proper care of athletes and athletic injuries. The course includes recognition, care, use of treatment modalities and techniques for taping and stabilizing injuries. Practical experience will be offered through the Marion County high schools and various clinic sites.(3 lecture hours and 1 laboratory hour per week)
Classification: Parallel

Welding

PMT0102 - Introduction to Welding

Credits: 4, Clock Hrs: 120
An introduction to metal, industrial practices and procedures, various testing techniques, arc welding in the flat position, and using various thicknesses of metal. Includes structure of the welding program and history of welding with emphasis on shop safety, welding safety, and oxyacetylene safety. Course also covers blueprint reading for welders. (4 vocational credits/120 clock hours)
Terms offered: F, W, S
Classification: CTC
Clock Hours: 120

PMT0111 - Oxyacetylene Welding

Credits: 4, Clock Hrs: 120
Course covers brazing, soldering, metalizing, and welding steel with the oxyacetylene torch; cutting steel of all thickness with oxy fuel equipment; plasma cutting process; and welding theory. (4 vocational credits/120 clock hours)
Terms offered: F, W, S
Classification: CTC
Clock Hours: 120

PMT0121 - Shielded Metal Arc Welding

Credits: 4, Clock Hrs: 120
Course covers welding processes, safety and terminology, electric welding in horizontal, vertical and overhead positions, using various thickness of metal and joint design. (4 vocational credits/120 clock hours)
Terms offered: F, W, S
This course may be repeated for credit.
Classification: CTC
Clock Hours: 120

PMT0131 - Gas Tungsten Arc Welding

Credits: 4, Clock Hrs: 120
A course in the fundamentals of tungsten inert gas welding including setup and adjustment of the TIG welding machine, selection of proper tungsten electrodes, selection of filler metals, use of various shielding gases, practical experience in TIG welding basic welded joints on stainless and mild carbon steel, aluminum sheet and casting, and magnesium casting. (4 vocational credits/120 clock hours)
Terms offered: F, W, S
This course may be repeated for credit. Classification: CTC
Clock Hours: 120

PMT0134 - Gas Metal Arc Welding

Credits: 4, Clock Hrs: 120
Introduction to metallic inert gas welding. Emphasizes the principles involved in the operating of MIG equipment. Covers MIG welding of steel and aluminum. (4 vocational credits/120 clock hours)
Terms offered: F, W, S
Classification: CTC
Clock Hours: 120

PMT0161 - Pipe Welding

Credits: 3, Clock Hrs: 90
This course teaches the student to fabricate and weld pipe joints and to perform fabrication using welding skills. The student will develop proficiency in welding pipes in all positions. (3 vocational credits/90 clock hours)
Terms offered: F, W, S
This course may be repeated for credit.
Classification: CTC
Clock Hours: 90

PMT0165 - Shield Metal Arc Pipe Welding

Credits: 5, Clock Hrs: 125
This course will prepare students to perform open root groove welds using the SMAW process in all positions on carbon steel pipe. Oxygen-fuel and plasma cutting operations are utilized to cut and prepare materials.
Terms offered: F, W, S
Classification: CTC
Clock Hours: 125

PMT0168 - Gas Tungsten Arc Pipe Welding

Credits: 5, Clock Hrs: 125
This course will prepare students to perform open root groove welds using the GTAW process in all positions on carbon steel pipe. Thermal and machine cutting operations are utilized to cut and prepare materials.
Terms offered: F, W, S
Classification: CTC
Clock Hours: 125

PMT0172 - Heavy Wall Pipe Welding

Credits: 5, Clock Hrs: 125
In this course, students will utilize a combination of GTAW and SMAW processes to perform open root groove welds on heavy wall pipe. Students will also develop an understanding of and apply pre- and post-weld heat treatment.
Terms offered: F, W, S
Classification: CTC
Clock Hours: 125

PMT0175 - Pipe Fitting

Credits: 5, Clock Hrs: 125
In this course, students will utilize pipe fitting specifications in conjunction with technical drawings to cut, fit, and weld a pipe assembly using GTAW and SMAW processes.
Terms offered: F, W, S

Classification: CTC
Clock Hours: 125

PMT0185 - Pipe Welding Certification

Credits: 5, Clock Hrs: 125
In this course, students will select a specific qualified pipe welding procedure to perform based on their employment goals. Laboratory exercises are focused on preparing the student for an industry standard welder qualification test at the end of the term.
Terms offered: F, W, S
Classification: CTC
Clock Hours: 125

PMT0186 - Stainless Pipe Welding

Credits: 5, Clock Hrs: 125
In this course, students will develop an understanding of pipe purging techniques and apply these techniques to complete open root groove welds on stainless steel pipe in all positions.
Terms offered: F, W, S
Classification: CTC
Clock Hours: 125

PMT0930L - Welding Skills Development Lab

Credits: 2, Clock Hrs: 60
This course allows students to acquire hands-on experience in a laboratory setting. It includes welding skill development in oxyacetylene welding, flux cored arc welding, shielded metal arc welding, gas metal arc welding and gas tungsten arc welding. (2 vocational credits/60 clock hours)
Terms offered: F, W, S
This course may be repeated for credit.
Classification: CTC
Clock Hours: 60

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