

College Credit Certificate Pathway

Academic Pathway #6358 **Mechantronics**

Suggested Pathway to Graduation

Shown here is an example of a full time Academic Pathway to fulfill your Certificate requirements. This is the recommended sequence of courses whether a full time or part time schedule. Consult with your First Year Success Specialist and refer to your degree audit regarding your specific requirements. If you change your goals or program, you will need to develop a new pathway.

Category	Order	Course #	Course Title	Credits
Spring				
S	1	MAC1105	College Algebra (Prerequisite for EET1084)	3
S	2	PHY1020	Elementary Physics for the Nonscience Majors (Prerequisite for ETI1411)	3
I	3	EET1084	Survey of Electronics	3
Summer				
I	4	ETS1542	Introduction to PLC's	3
	5	ETI1843	Motors and Controls	3
Fall				
I	6	EGN1111	Engineering Graphics	3
I	7	ETS1540	Industrial Applications Using PLC's and Robotics	3
I	8	ETS1535	Automation Process Control	3
I	9	ETM2401	Mechanical Devices and Systems	3
Spring				
I	10	ETI1411	Manufacturing Process I	3
I	11	ETS1700	Hydraulics and Pneumatics	3
I	12	ETI1720C	Industrial Safety	3

Category Legend

S = State	CI = Civics Initiative
I = Institution	CC = Computer Competence
PC = Program Core	E = Pathway Elective
** = Gordon Rule	+ = Prerequisite(s) required
# = C or Better required	^^ = Certificate courses embedded

This document is an initiative of

Inquire about scholarships and prereq loans.

Academic Advising - You can find your assigned advisor and schedule an appointment with them through the link on your MyCF page. All students will be assigned a first year success specialist upon entry to the College of Central Florida. StartSmart requires you to communicate with your first year success specialist five times during the first year. You will develop a personalized, suggested schedule to meet your goals and complete your course requirements. Once you have completed your first year (24 credits) you will be assigned a pathway advisor who will remain with you until graduation.

College Credit Certificate - A credit certificate is a program of study of less than sixty credits of college-level technical courses that prepares students with the opportunity for immediate employment in a specific occupational field. It generally does not require the completion of general education courses.

This recommended plan is not a binding agreement of any kind between the College of Central Florida and the student, but merely represents a potential curriculum which may be altered as appropriate to meet the student's academic objectives. Course availability is subject to change and all courses are not available every semester. Students should inquire each semester with their First Year Success Specialist or Meta-Major Advisor before registering to determine current requirements and possible changes to the suggested curriculum.

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, gender, pregnancy, age, marital status, national origin, genetic information or disability status in its employment practices or in the admission and treatment of students. Recognizing that sexual harassment constitutes discrimination on the basis of gender and violates this policy statement, the college will not tolerate such conduct. The following person has been designated to handle inquiries regarding the nondiscrimination policies: Equity Officer, Ocala Campus, Ewers Century Center, Room 201C, 3001 S.W. College Road, 352-854-2322, ext. 1437, or smithc@cf.edu.