



## Associate in Arts Degree Transfer Pathway

Academic Pathway # 1091

Engineering (For UCF Transfer)

**Suggested Pathway to Graduation** – 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 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. Shown below is an example of a full time schedule for this program. Courses are listed in the order they should be taken whether for a full time or part time schedule. **Program curriculum may periodically change in order to provide students with the most current skills and knowledge for their chosen career path. Please meet with your program advisor to ensure that you are on track to achieve your goals.**

Category	Order	Course #	Course Title	Credits
<b>Spring</b>				
PD/CC	1	SLS1122	First Year Seminar	3
S	2	MAC1105	College Algebra	3
S	3	ENC1101	Freshman Composition Skills I	3
S	4	HUM1020	Introduction to the Humanities	3
I	5	CHM1025	Introductory Chemistry	3
<b>Fall</b>				
I	6	ENC2210	Technical Communications	3
I	7	EGS1006	Introduction to the Engineering Profession	1
I	8	MAC1147	Precalculus Algebra/Trigonometry	5
S	9	CHM2045	General Chemistry I	3
E	10	CHM2045L	General Chemistry I Lab	1
<b>Spring</b>				
E	11	MAC2311	Calculus I with Analytic Geometry	5
S/CI	12	POS2041	American National Government	3
I	13	SPC2608	Effective Speaking	3
I	14	EGN1007C	Engineering Concepts and Measures	1
I	15	WOH2012	World Civilizations I	3
<b>Fall</b>				
E	16	MAC2312	Calculus II with Analytic Geometry	5
E	17	PHY2048C	General Physics with Calculus I with Lab	5
I	18	REL2300	Comparative Religions	3
FL	OR	SPN1120	Elementary Spanish I (if needed)	4
<b>Spring</b>				
E	19	MAC2313	Calculus III with Analytic Geometry	4
E	20	PHY2049C	General Physics with Calculus II with Lab	5
E	21	MAP2302	Elementary Differential Equations	3
I	22	EGN2440	Probability and Statistics for Engineers	3
I	23	EGN2312	Engineering Analysis - Statics **	3
FL	OR	SPN1121	Elementary Spanish II (if needed)	4
<b>Summer</b>				
E	24	EGN2322	Engineering Analysis - Dynamics **	3
E	25	EGS2004	Electrical Networks *	3

### Category Legend

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

Colleges or universities may require additional courses for acceptance in specific programs (verify with the transfer program of interest).

SLS1122 is Mandatory for First Time in College AA students and optional for other 1st semester students (per Advisor's discretion).

To meet the Civics Initiative, students must take either POS2041 or AMH2020 prior to graduation.

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.

**Associate in Arts Degree** - Associate in Arts programs typically last 2 years in which the student will complete general education requirements and begin major coursework. It prepares students to transfer to a Bachelor's degree program upon completion. It is generally an intermediate step in higher education. Completing an AA can make students stronger applicants when transferring to a four year institution for upper division coursework.

**General Education Requirements** - The CF General Education Core consists of courses from the following disciplines: 9 credit hours in Communications, 6 credit hours in Humanities, 9 credit hours in Social Sciences, 6 credit hours in Mathematics, and 6 credit hours in Natural Science, for a total of 36 credit hours. These hours plus 24 credit hours of electives complete the 60 credit hours required for an Associate in Arts degree.

*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.*