

## Associate in Science Degree Pathway

Academic Pathway #2380

### Engineering Technology - Advanced Manufacturing Specialization

#### Suggested Pathway to Graduation

Shown here is an example of a full time Academic Pathway to fulfill your AS 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
<b>Fall</b>				
S	1	MAC1105	College Algebra	3
I	2	ETI1720C	Industrial Safety	3
S	3	PHY1020	Elementary Physics	3
I/CC	4	CGS1100	Microcomputer Applications	3
S	5	ENC1101	Freshman Composition Skills I	3
<b>Spring</b>				
I	6	ETI1117	Introduction to Quality Control	3
I	7	EGN1111	Engineering Graphics	3
I	8	ETM2401	Mechanical Devices and Systems	3
I	9	EET1084	Survey of Electronics	3
E	10	MAN2021	Principles of Management	3
<b>Summer</b>				
I	11	ETI1411	Manufacturing Processes I	3
S	12	POS2041	American National Government	3
<b>Fall</b>				
I	13	ETI1843	Motors and Controls	3
I	14	ETS1542	Introduction to PLCs	3
I	15	ETS1700	Hydraulics and Pneumatics	3
I	16	ETI1151	Instrument Techniques and Measurement	3
E	17	MAN2582	Introduction to Project Management	3
<b>Spring</b>				
I	18	ETS1535	Automation Process Control	3
I	19	ETS1540	Industrial App using PLCs and Robotics	3
S	20	HUM1020	Introduction to the Humanities	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.

**Associate in Science Degree** - Associate in Science is a degree in the areas of science, technology, engineering and math (STEM) or in the area of career technical education. It prepares you for the workforce in a specific career field. Most programs are two years in length.

*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.*