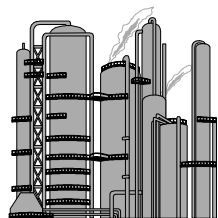


This Associate in Science degree program prepares students for entry-level positions in a related field.

ACADEMIC PLAN: Associate in Science Degree



Engineering Technology

Code Program Length
60 credits

2014-2015

For more information
Contact:

Student Affairs
Chipola College
(850) 718-2266



Entrance Requirements

All Associate in Science degree students must complete the required English and mathematics courses with a grade of "C" or higher.

Completion of the Technical Core courses included in the first year meet requirements for leading to MSSC-CPT Certification. Students who present current MSSC-CPT Certification or prior completion of the Technical Core can receive 15 credit hours toward this degree. Completion of the Specialization Core courses in the second year meet requirements leading to certification in Advanced Manufacturing: Pneumatics, Hydraulics, and Motors.

FRESHMAN YEAR

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
ENC 1101 ¹	Communications Skills I	3	ENC 1102	Communication Skills II	3
MAC 1105 ¹	College Algebra	3	ETI 1701 ²	Industrial Safety	3
ETM 1010 ²	Mechanical Measurements & Instru.	3	EET 1084 ²	Intro to Electronics	3
ETI 1420 ²	Manufacturing Processes & Materials	3	ETD 1320 ²	Intro to AutoCAD	3
ETI 1110 ²	Introduction to Quality Assurance	3	MAC 2233	Calculus for Non-Science Majors	3
SLS 1101	Orientation	1			
TOTAL		16	TOTAL		15

SOPHOMORE YEAR

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
ENC 2210	Technical Writing	3	ETM 2315 ³	Hydraulics and Pneumatics	3
ETS 1511 ³	Motors and Controls	3	MAN 2345 ³	Intro to Supervision & Management	3
ETS 1542 ³	Intro to Programmable Logic Controllers	3	XXX XXXX	ELECTIVE	2-3
XXX XXXX ⁴	SOCIAL SCIENCE	3	XXX XXXX ⁴	HUMANITIES	3
ETI 1622	Concepts of Lean Manuf. & Six Sigma	3	XXX XXXX ⁴	NATURAL SCIENCE	3
TOTAL		15	TOTAL		14-15

While academic advisors, faculty and staff provide significant academic planning and related assistance to students, completion of all degree requirements, and the process of monitoring progress to that end, is ultimately the responsibility of the student.

¹ Non-credit developmental reading, writing, and/or math courses may also be required.
² Courses required for pursuit of National MSSC-CPT Certification
³ Courses required for Advanced Manufacturing in Pneumatics, Hydraulics, and Motors Certification.
⁴ Students must complete the following general education courses: Social Science: any general education social science course. Humanities: MUL 2010, MUE 1290, THE 1020, HUM 2216, HUM 2233, AML 2010, AML 2020, ENL 2012, ENL 2022 or any ARH or ART course. Natural Science: any general education natural science course.