

ENGINEERING TECHNOLOGY - ADVANCED MANUFACTURING OPTION

Engineering Technology: Advanced Manufacturing Option, AS (ENGT-AS)

Communications Area		3 Credit Hours
ENC 1101 English Composition I		3
Humanities Area		3 Credit Hours
•See General Education Core Requirements		3
Mathematics Area		3 Credit Hours
MAC 1105 College Algebra		3
Natural Sciences Area		3 Credit Hours
•See General Education Core Requirements		3
Social Sciences Area		3 Credit Hours
POS 2041 Amer National Government		3
OR		
AMH 2010 United States History I		3
OR		
AMH 2020 United States History II		3
Major Courses		45 Credit Hours
EET 1084C Introduction to Electronics		3
ETD 1320C Introduction to CAD		3
ETI 1701 Industrial Safety		3
ETI 2110 Intro to Quality Assurance		3
ETI 1420 Manufacturing Processes		3
ETI 2001C Applied Mechanics		3
ETS 2542C Programmable Logic Controllers		3
ETS 2535C Process & Cntrl Implementation		3
ETS 2700C Electro-Hydraul & Pneumatics		3
ETS 2606C Robotics		3
ETS 2511C Motor and Motion Control		3
EET 1140C Elec Devices and Circuits		3
CET 1112C Dig/Comp Circuits		3
EET 1035C AC/DC Circuits		3
ETS 2931 Special Projects in CIM		2
ETI 1949 Manufacturing Internship		1

- General Education Core.
- + Prerequisites and/or corequisites required. See course descriptions.
- # Applies only to AS degree and certificate programs.
- = Career Certificate course.
- * Minimum grade of "C" required.
- @ Civic Literacy.