

ENGINEERING TECHNOLOGY - DIGITAL MANUFACTURING OPTION

Engineering Technology: Digital 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
ETD 2383C	Intermediate CAD CAE CAM	3
ETD 2384C	Advanced CAD CAE CAM	3
PMT 2250C	CNC Programming I	3
PMT 2254C	CNC Programming II	3
ETI 2460C	Composites Fundamentals	3
ETI 2464C	Advanced Composites	3
ETD 2371C	Introduction to 3D Printing	3
ETD 2372C	Advanced Rapid Prototyping	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.