

Associate of Science Major Code IE02

Manufacturing Engineering Technology

General Education Core Curriculum Requirements 23*17

UE 100	First Year Experience**	1	
	Manufacturing Engineering Technology Requirements.....	40	
MATH 130	College Algebra (or higher)*	3	
PHYS 160	Elementary College Physics w/Lab*	4	was PHYS 151
MET 100	Introduction to Machine Tool Processes	3	
IET 110	Engineering Graphics I	3	
IET 115	Engineering Graphics II	3	
IET 204	Industrial Statics and Strength of Materials....	3	
MET 200	Computer Numerical Control.....	3	
IET 205	Computer Applications & Cost Analysis	3	
MET 240	Engineering Materials	3	
IET 300	Engineering Economics	3	
MET 304	CNC Project and Cost Analysis	3	

Select one of the following three courses: 3

MET 210	Industrial Robotics (3)	
MET 220	Intro to Programmable Logic Controllers (3)	
MET 245	Manufacturing with Metals (3)	

Manufacturing Technology Electives 3

IET 105	Introduction to Industrial Engineering Technology (3)	
MET 491	Internship in Manufacturing Tech (3)	
MET 498	Advanced Topics in Manufacturing Technology (3)	
MET 499	Independent Study in Manufacturing Technology (3)	
IET 305	Basic Electricity and Electronics (3)	
IET 310	Computer Production/Planning Control (3)	
IET 320	Applied Statistical Quality Control. (3)	
IET 350	Industrial Supervision (3)	
IET 383	Power Generation Inc Power and Hydraulics (3)	

Total **58 was 61, was 62**

*MATH 130 (or higher) satisfies 3 hours of general education core curriculum area 4 and PHYS 160 satisfies 3 hours of area 3.

**Degree Requirement H, may also be met by HNRS 101 (2 credit hours)

Updated 4/3/18 to reflect changes in general education core curriculum