

Associate of Applied Science Computerized Manufacturing Technology



PURPOSE: The Manufacturing Technology major is a broad-based curriculum that prepares students for a variety of technical positions within a manufacturing company.

PROGRAM REQUIREMENTS: Students are required to take English and Mathematics placement test. Due to the rapid change of this major, students are expected to take courses in the sequence they are listed and complete the major within two years.

First Year

Fall Semester			
DRF	160	Machine Blueprint Reading	3
ELE	140	Basic Electricity & Machinery	4
ITE	115	Intro To Computer Apps and Concepts	3
MEC	120	Principles of Machines Technology	3
MEC	155	Mechanisms	2
MTH	105	Technical Mathematics I	2
SDV	100	College Success Skills	1

Spring Semester			
ELE	156	Electrical Control Systems	3
ENG	111	College Composition I	3
IND	137	Team Concepts & Problem Solving	3
MEC	113	Materials and Processes of Industry I	4
MEC	266	App of Fluid Mechanics	3
MTH	106	Technical Mathematics II	2

Second Year

Fall Semester			
DRF	200	Survey of Computer-Aided Design	4
Health/Physical Education			1
IND	101	Quality Assurance Tech	3
IND	160	Into to Robotics	3
MEC	118	Automated Manufacturing Tech	3

Spring Semester			
ELE	239	Programmable Controllers	3
Humanities Elective			3
IND	295	Computer Integrated Projects I	3
SAF	126	Industrial Safety	3
Social Science Elective			3
Total Minimum Credits for Degree			65

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