Mechanical Engineering Technology — Associate Degree

Degree Type

Associate Degree

The same course hours may be counted only once to fulfill degree requirements. Course and credit requirements are shown below.

Requirements

General Education Courses

Complete 4 of the following groups:

English

Take 3 credits from:

Code	Title	Credits
ENG-111	Writing and Inquiry	3

Communication

Take 3 credits from:

Code	Title	Credits
COM-231	Public Speaking	3
ENG-112	Writing/Research in the Disc	3

Mathematics

Take 4 credits from:

Code	Title	Credits
MAT-171	Precalculus Algebra	4

Social/Behavioral Sciences

Take 3 credits from:

Code	Title	Credits
ECO-251	Principles of Microeconomics	3

Plan of Study

Fall 1

Course Code	Title	Credits
ACA-115	Academic/Career Success	1
BPR-111	Print Reading	2
CIS-115	Intro to Program & Logic	3
ELC-112	DC/AC Electricity	5
ENG-111	Writing and Inquiry	3
HYD-110	Hydraulics/Pneumatics I	3
MEC-111	Machine Processes I	3

Spring 1

Course Code	Title	Credits
DFT-151	CAD I	3
ISC-112	Industrial Safety	2
MAT-171	Precalculus Algebra	4
	Behavioral/Social Sciences Elective	3
	Communication Elective	3
	Humanities/Fine Arts Elective	3

Fall 2

Course Code	Title	Credits
DFT-152	CAD II	3
MAC-121	Intro to CNC	2
MEC-161	Manufacturing Processes I	3
MEC-161A	Manufacturing Processes I Lab	1
MEC-110	Intro to CAD/CAM	2
MEC-180	Engineering Materials	3
PHY-131	Physics - Mechanics	4

Spring 2

Course Code	Title	Credits
ATR-281	Automated Manufacturing	4
DFT-153	CAD III	3
EGR-250	Statics/Strength of Materials	5
ISC-132	Manufacturing Quality Control	4
	Total Credits	**72**