

Mechatronics Technology

AAS

60 Credit Hours

Program Sequence

Semester 1

EN 101	English Composition I	3 credit hours
EG 103	Electrical calculations	3 credit hours
EG 105	Industrial Safety	1 credit hours
EG 107	Introduction to Circuits	4 credit hours
OR 105	Orientation to Technical Programs	1 credit hours
SP 103	Speech Fundamentals	3 credit hours

Semester 2

MT 124	Technical Math	3 credit hours
MX 110	Introduction to Mechatronics	2 credit hours
MX 120	Mechanical Power I	2 credit hours
MX 130	Fluid Power I	2 credit hours
MX 180	PLC Fundamentals	1 credit hour
MX 184	PLC Interfacing and HMIS	1 credit hour
MX 186	PLC Applications	1 credit hour
MX 190	Industrial Robotics	3 credit hours

Semester 3

PH 200 or higher	Introductory Physics	4 credit hours
	¹ Social Science	3 credit hours
	² Specialization Courses	8 credit hours

Semester 4

MX 298	Capstone	2 credit hours
CS 102	Computer Literacy	3 credit hours
	² Specialization	10 credit hours

¹Choose from any Psychology or Sociology course.

²Specialization Courses (minimum of 18 credit hours): Student must complete a series of restricted electives. Courses offered to fulfill the electives will be structured around current business and industry demands. Courses are limited to Electrical, Mechatronics, Welding, Robotics and AutoCAD courses not already required by the program and other related courses as approved by the Division Head for Applied and Industrial Technology.