

Mechatronics Option

The full Industrial Technology Certificate Program, Mechatronics Option, is available at the Logan Campus. The Boone/Lincoln, Williamson, and Wyoming/McDowell campuses offer the general education/program support courses only.

First Semester	Title	Credit Hours
EG 103	Electrical Calculations	3
EG 105 (E)	Industrial Safety	1
EG 107 (E)	Introduction to Circuits	4
MT 124 or MT 124A	Technical Math or Technical Math, Enhanced	3
MX 110	Introduction to Mechatronics	2
OR 105 (E)	Orientation to Technical Programs	1
		14
Second Semester	Title	Credit Hours
EN 101 or EN 101A	~English Composition I	3
MX 120	Mechanical Power I	2
MX 130	Fluid Power I	2
MX 180	PLC Fundamentals	1
MX 184	PLC Interfacing and HMIS	1
MX 186	PLC Applications	1
MX 190	Industrial Robotics	3
SP 103	~Speech Fundamentals	3
		16

~ Designates courses on the statewide Core Coursework Transfer Agreement.