

Occupational Skills Award in Mechatronics

Award CIP Code 15.0000 | Major Code OMCT

Mechatronics Program

Course CIP Code	Prefix	Number	Course Title	Lecture	Lab	Ext.	Contact Hours	SCH
15.1201	CETT	1302	Electricity Principles	2	2	0	64	3
15.0405	RBTC	1343	Robotics	2	2	0	64	3
15.0404	INTC	1341	Principles of Automatic Control	2	2	0	64	3
Totals				6	6	0	192	9

This Occupational Skills Award in Mechatronics is for individuals interested in a career working and collaborating with engineers in the design, development, installation, and maintenance of intelligent computer-controlled systems used in modern manufacturing where a knowledge of robotics, advanced manufacturing, and industrial automation is required. Students will be introduced to training in robotics, digital systems, industrial automation, microcomputer control, and computer integrated manufacturing.

Mechatronics training can also accelerate opportunities for students to:

- Work as an entry level Automatic Control Technician
- Gain knowledge in maintaining service tracker of robotic equipment, components, parts and automated production systems
- Elevate engineering skills and income

Updated: 10/18/2021 - JS

Effective Date: 9/1/2022