

2022-23 ACADEMIC PROGRAMS

2022-2023 INDUSTRIAL ELECTRONICS TECHNOLOGY II (CVIET2)

Description

This program builds on the foundation of electricity and electronic control introduced in the Industrial Electronics Technology (CFIET) certificate, providing advanced instruction in the areas of industrial automation and electrical standards. Students will learn to apply, control and troubleshoot electric motors, relate their understanding of electricity and controls to the requirements of the National Electrical Code, and pursue other learning critical to industrial automation such as fluid power motion control and digital networks.

Articulation

Eastern Michigan University, BS degrees Copies can be obtained from the Counseling Office, a program advisor, or from the Curriculum and Assessment Office Web site: <https://www.wccnet.edu/learn/transfer-wcc-credits/articulation-agreements.php> .

Admissions Requirements

Successful completion of the Industrial Electronics Technology certificate, appropriate prerequisite courses, or equivalent experience.

Course Requirements

Major/Area Requirements

Class	Title	Minimum Credits
ELE 134	Motors and Controls	4
ELE 204	National Electrical Code	4
	Select a minimum of 8 credit hours of restricted electives including CST 185, FLP 225 and/or another ELE or FLP course.*	8
Total		16

Total Credits Required: 16

Footnotes

*Students may select alternative electives with the permission of department faculty.

Accurate as of 02/22/2023 Information is subject to change without notice.