

## 2022-23 ACADEMIC PROGRAMS

### 2022-2023 INDUSTRIAL ELECTRONICS TECHNOLOGY (CFIET)

#### Description

This program prepares students for entry-level jobs in any of the industrial electricity/electronics cluster of occupations. Students will develop skills in the installation, maintenance, and troubleshooting of industrial control systems with a focus on programmable logic controllers, electronic sensors, and electronic control circuits.

#### Articulation

Eastern Michigan University, several 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

Students must have an Academic Math Level of 3 to enroll in ELE 111. One year of high school algebra with a grade of "C" or better is recommended.

#### Course Requirements

#### Major/Area Requirements

Class	Title	Minimum Credits
ELE 111	Electrical Fundamentals	4
ELE 211	Basic Electronics	4
ELE 224	Programmable Controllers (PLCs) I	4
ELE 254	Programmable Controllers (PLCs) II	4
Total		16

#### Total Credits Required: 16

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