

# INDUSTRIAL ELECTRONICS TECHNOLOGY (CERTIFICATE)

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**Catalog Effective Term:** Fall 2024

**Program Code:** CFJET

**Credential:** Certificate

*High Demand Occupation, High Skill Occupation, High Wage Occupation*

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:

<http://www.wccnet.edu/learn/transfer-wcc-credits/articulation-agreements.php>.

## Program Admission Requirements

- An Academic Math Level of 3 is required to enroll in ELE 111 Electrical Fundamentals.
- One year of high school algebra with a grade of "C" or better is recommended.

**Minimum Credits Required for the Program: 16**

Code	Title	Credits
<b>Major/Area Requirements</b>		
ELE 111	Electrical Fundamentals	4
ELE 211	Basic Electronics	4
ELE 224	Programmable Controllers (PLCs) I	4
ELE 254	Programmable Controllers (PLCs) II	4
<b>Total Credits</b>		<b>16</b>