

# Basic Electrical Maintenance Certificate

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Keokuk Campus

The Industrial Controls, Automation, and Robotics Technology pathway provides students with technical skills in maintaining and troubleshooting electrical and mechanical systems used in the industry. Mechanical and electrical theory are covered throughout the program, including how to troubleshoot and repair industrial systems. Instruction is delivered in a format designed for flexibility and customization based upon the desired career path of each individual student.

The [Basic Electrical Maintenance Certificate](#) is awarded after successful completion of this course and is taught in the Fall semester.

The [Electrical Maintenance Technology Diploma](#) is awarded after successful completion the certificate course above.

\*Certificates and diploma can be earned one time.

Please view the [technical standards](#) for this course.

## **Instructor and Staff**

Paul Volkl

Instructor - Industrial Controls, Automation and Robotics  
Technology

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**Keokuk Campus, and select courses online**

**Program Requirements**

First Semester	Credit
ELE-116 Blueprint Reading	1
ELE-310 Industrial Electricity	2
ELT-295 AC/DC Fundamentals	2
IND-212 Safety Practices	2
MFG-155 Industrial Machine Programming	3
ELE-195 Motor Controls	3
MAT-702 Introduction to Math Applications	3
Semester Total.....	16
Program Total.....	16