Electrical Maintenance Technology Diploma

Keokuk Campus

Program Information

The Industrial Maintenance Technology program 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 Electrical Maintenance Technology certificate is awarded after successful completion of first semester courses.

The Mechanical Maintenance Technology certificate is awarded after successful completion of second semester courses.

The Industrial Maintenance Technology diploma is awarded after successful completion of the first and second semesters.

*Certificates and diploma can be earned one time.

Please view the technical standards for this course.

Instructor and Staff

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Keokuk Campus, and select courses online

Program Requirements

Fall 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

Spring Semester		Credit
EGT-174	Fluid Power	2
ELT-132	Motor Drives	1
ELT-263	Programmable Logic Controllers I	2
EGT-175	Fluid Power Control	2
IND-252	Powertrain and Pump Operation	3
EGT-147	Hydraulic Power Systems and Troubleshooting	1
Take 1 of 2 courses:		
PSY-102	Human and Work Relations	3
SOC-114	Conflict Resolution in the Workplace	3
Semester Total		14

Program Total.....30