

Industrial Maintenance Technology-Certificates, Diploma and AAS

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.

Where will this take me?

Industrial Engineering Technologist

Industrial Engineering Technician

Industrial Engineer

Industrial Safety & Health

Instructor and Staff

Jeron Lindsay

Instructor

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Electrical & Mechanical Maintenance Certificates, Southeastern Community College

Welding & Industrial Maintenance Diploma, Southeastern Community College

Jason Radel

Instructor

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AAS-Electrical Technology, Northwest Iowa Community College

AAS-Biomedical Electronics, Southeastern Community College
RS Logix 5000 and Control Logix Certified

Southeastern Community College values diversity in all its forms. Please visit http://www.scciowa.edu/_resources/docs/scc-nondiscrimination-statement.pdf to view our nondiscrimination statement.

For more information about our graduation rates, the median debt of students who completed the program, and other important information, please visit SCC's financial aid website at <http://www.scciowa.edu/admissions/costaid/finaid/gainemp.aspx>

Keokuk Campus

Program Requirements

First Semester		Credit
BUS-121	BUSINESS COMMUNICATIONS	3
ELE-195	MOTOR CONTROLS	3
ELE-310	INDUSTRIAL ELECTRICITY	2
ELT-250	PROGRAMMABLE LOGIC CONTROLLERS	3
ELT-295	AC/DC FUNDAMENTALS	2
MAT-702	INTRODUCTION TO MATH APPLICATIONS	3
Second Semester		Credit
EGT-142	FLUID POWER 1	2
EGT-143	FLUID POWER 2	2
ELE-116	BLUEPRINT READING	1
IND-104	INDUSTRIAL PUMPS	1
IND-141	POWER TRANSMISSION	2
MFG-209	MACHINE SHOP PRACTICES	3
MFG-520	PREDICTIVE MAINTENANCE	2
PSY-102	HUMAN AND WORK RELATIONS <u>or</u>	3
PSY-111	INTRODUCTION TO PSYCHOLOGY <u>or</u>	3
SOC-110	INTRODUCTION TO SOCIOLOGY	3
Third Semester		Credit
EGT-147	HYDRAULIC POWER SYSTEMS AND TROUBLESHOOTING	1
ELT-132	MOTOR DRIVES	1
ELT-262	ADVANCED PLC AND SYSTEM INTEGRATION (MECHATRONICS)	6
ENG-105	COMPOSITION I	3
IND-106	MACHINE SHOP II	2
IND-107	VALVES	1
Fourth Semester		Credit
ELE-127	TROUBLESHOOTING	1
ELT-176	INSTRUMENTATION	3
IND-179	BOILER OPERATION AND CONTROL	2
IND-180	INDUSTRIAL HEATING AND COOLING	2
CAD-101	INTRODUCTION TO CAD	3
HIS-151	US HISTORY TO 1877 <u>or</u>	3
HIS-152	US HISTORY SINCE 1877 <u>or</u>	3
PHI-101	INTRODUCTION TO PHILOSOPHY <u>or</u>	3
PHI-105	INTRODUCTION TO ETHICS	3
BIO-105	INTRODUCTORY BIOLOGY <u>or</u>	4
ENV-111	ENVIRONMENTAL SCIENCE <u>or</u>	4
PHS-151	INTRODUCTION TO ASTRONOMY	3
Program Total.....		63-64