

Industrial Maintenance Technology-Certificates, Diploma and AAS

It takes expensive machines to make what we need in today's world and companies pay big bucks to people who can keep them running.

This program is broken down by semester and specialization.

After successful completion of the first semester the Electrical Maintenance Technology Certificate will be awarded.

After successful completion of the second semester the Mechanical Maintenance Technology Certificate will be awarded.

After successful completion of the first and second semesters, the Industrial Maintenance Technology Diploma will be awarded.

Industrial Maintenance Technology AAS Degree awarded when both years of program are completed.

Where will this take me?

Industrial Engineering Technologist
Industrial Engineering Technician
Industrial Engineer
Industrial Safety & Health

Instructor and Staff

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Electrical & Mechanical Maintenance Certificates, Southeastern Community College
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RS Logix 5000 and Control Logix Certified

Southeastern Community College values diversity in all its forms. Please visit <https://www.scciowa.edu/non-discrimination-statement.aspx> to view our non-discrimination 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
IND-163	OSHA AND PLANT SAFETY	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 <u>or</u>	3
CAD-114	AUTOCAD (ONLINE)	2
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..... 64-66