

Advanced Automation - Mechanical Maintenance Technology Certificate

Related Programs:

[Advanced Automation and Robotics Technology - Electrical Maintenance Technology certificate](#) is taught in the Fall semester.

[Advanced Automation and Robotics Technology - Industrial Maintenance Technology diploma](#) is awarded after successful completion of both of the certificate courses above.

[Advanced Automation and Robotics Technology - AAS](#) is a two-year degree.

The Advanced Automation and Robotics Technology program is designed to prepare technicians to troubleshoot, service and fix computerized control systems and robotic devices in manufacturing environments. Students will gain knowledge and apply skills in advanced electrical, electronic, and robotics systems. Students will apply networking skills, integral to working with automated equipment, encompassing robotic components, sensors, controllers, and computers to support autonomous work.

The [Advanced Automation and Robotics Technology - Electrical Maintenance Technology certificate](#) is awarded after successful completion of first semester courses.

The [Advanced Automation and Robotics Technology - Industrial Maintenance Technology diploma](#) is awarded after successful completion of the first and second semesters.

[Advanced Automation and Robotics Technology - AAS](#) is a two-year degree.

Where will this take me?

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

Instructor and Staff

Jeron Lindsay
Instructor
(319) 524-3221 ext. 1937
jlindsay@scciowa.edu
Electrical & Mechanical Maintenance Certificates, Southeastern Community College
Welding & Industrial Maintenance Diploma, Southeastern Community College

Jason Radel
Instructor

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>

(319) 524-3221 ext. ext. 1990

jradel@scciowa.edu

AAS-Electrical Technology, Northwest Iowa Community College

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

Keokuk Campus

Program Requirements

Spring 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
Take 1 of these courses:	
PSY-102 HUMAN AND WORK RELATIONS	3
PSY-111 INTRODUCTION TO PSYCHOLOGY	3
SOC-110 INTRODUCTION TO SOCIOLOGY	3
Semester Total.....	16
Program Total.....	16