

(H94) Certificate

This program is designed to prepare individuals for work with maintenance staffs of local industries, specifically in the area of electrical control mechanisms.

Work and Employment

In our society, industries of one type or another produce almost all of our nation's goods. These industries rely on the machines, including robots that industrial mechanics maintain and repair. Maintenance workers in this field also care for buildings and work on plumbing, electrical, and air conditioning and heating systems.

Program Contacts at Sauk Valley Community College

Academic Advising, 815/835-6354.

Major Field Requirements

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- ELT 101 - Electrical Wiring 3 Semester hour(s)
 - ELT 160 - Fundamentals of Electricity 3 Semester hour(s)
 - ELT 259 - Industrial and Agricultural Wiring 3 Semester hour(s)
 - ELT 261 - National Electric Code 3 Semester hour(s)
 - ELT 262 - Electrical Controls 3 Semester hour(s)
 - IND 105 - Industrial Computers Applications 2 Semester hour(s) *
 - IND 116 - Industrial Print Reading 3 Semester hour(s)
 - IND 131 - OSHA Standards 1 Semester hour(s)
 - MAT 106 - Applied Mathematics 3 Semester hour(s)
 - or higher MAT courses

Total Hours Required for Certificate: 24

Note:

* Students may choose CIS 109 in lieu of IND 105.

Suggested Program

First Semester - Sem/Hrs: 12

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- ELT 101 - Electrical Wiring 3 Semester hour(s)
 - ELT 160 - Fundamentals of Electricity 3 Semester hour(s)
 - IND 116 - Industrial Print Reading 3 Semester hour(s)
 - MAT 106 - Applied Mathematics 3 Semester hour(s)
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Second Semester - Sem/Hrs: 12

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- ELT 259 - Industrial and Agricultural Wiring 3 Semester hour(s)
 - ELT 261 - National Electric Code 3 Semester hour(s)
 - ELT 262 - Electrical Controls 3 Semester hour(s)
 - IND 105 - Industrial Computers Applications 2 Semester hour(s)
 - OR
 - CIS 109 - Introduction to Microcomputers - Windows 3 Semester hour(s)
 - IND 131 - OSHA Standards 1 Semester hour(s)

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