(H65) Certificate

Graduates of this program will be able to utilize and maintain various types of solid state sensors and controls in industrial applications.

Work and Employment

This program is designed to prepare a student for employment in industrial controls. This will include solid state and digital circuitry for the control of industrial equipment and the operation of programmable controls.

Program Contacts at Sauk Valley Community College
Counseling Office, 815/835-6354;
Jeffrey Johnson, Assistant Instructor of Electronics, 815/835-6282;
Steven McPherson, Assistant Professor of Electronics/Technology, 815/835-6347.

Major Field Requirements

- Mathematics (MAT 106 or higher) 3 Semester hour(s)

- EET 107 - Introduction to DC and AC Circuits 4 Semester hour(s)
- EET 110 - Introduction to Digital Electronics 4 Semester hour(s)
- EET 207 - Advanced Circuits 3 Semester hour(s)
- EET 245 - Programmable Controllers 3 Semester hour(s)
- EET 252 - Industrial Electronics 3 Semester hour(s)
- EET 261 - Advanced Programmable Controllers 3 Semester hour(s)

Total Hours Required for Certificate: 23

Suggested Program

First Semester - Sem/Hrs: 11

Mathematics (MAT 106 or higher) 3 Semester hour(s)

- EET 107 - Introduction to DC and AC Circuits 4 Semester hour(s)
- EET 110 - Introduction to Digital Electronics 4 Semester hour(s)

Second Semester - Sem/Hrs: 6

- EET 207 - Advanced Circuits 3 Semester hour(s)
- EET 245 - Programmable Controllers 3 Semester hour(s)

Third Semester - Sem/Hrs: 6

- EET 252 - Industrial Electronics 3 Semester hour(s)
- EET 261 - Advanced Programmable Controllers 3 Semester hour(s)

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