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

- Academic Advising, 815-835-6354
- Steven McPherson, Assistant Professor of Electronics/Technology, 815-835-6347

Total Hours Required - 20 Hours

Major Field Requirements - 20 Hours

- MAT 106 - Applied Mathematics (3 Semester Hours)

  OR HIGHER MAT COURSE
- EET 107 - Intro to DC and AC Circuits (4 Semester Hours)
- EET 110 - Intro to Digital Control (4 Semester Hours)
- EET 207 - Advanced Circuits (3 Semester Hours)
- EET 245 - Programmable Controllers (3 Semester Hours)
- EET 261 - Adv Programmable Controllers (3 Semester Hours)

Suggested Program

First Semester - 11 Hours

- EET 107 - Intro to DC and AC Circuits (4 Semester Hours)
- EET 110 - Intro to Digital Control (4 Semester Hours)
- MAT 106 - Applied Mathematics (3 Semester Hours)

  OR

  HIGHER

Second Semester - 6 Hours

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

Third Semester - 3 Hours

- EET 261 - Adv Programmable Controllers (3 Semester Hours)