INACTIVE PROGRAM

****This certificate is not currently offered.**

(H80) Certificate

This program prepares students to enter the work force as solar energy installers and technicians. They will have knowledge in electrical, electronics, and fluid power components and acquire troubleshooting skills on those components. Students completing this program may pursue certification in their field.

Work and Employment

Students completing this program are prepared to work as field service technicians, installers, or manufacturing technicians.

Special Considerations

Workers usually have the following skills and aptitudes; the ability to do precise and detailed work, use good eye-hand coordination, notice and compare differences in objects, have mathematical and mechanical aptitudes, are analytic, curious and creative.

Program Contacts at Sauk Valley Community College
Academic Advising, 815/835-6354;
Christopher Carlson, Professor of HVAC, 815/835-6221;
Steven McPherson, Associate Professor of Electronics/Technology, 815/835-6347.

Total Hours Required - 27 Hours

Major Field Requirements

- EET 110 - Intro to Digital Electronics (4 Semester Hours)
- EET 245 - Programmable Controllers (3 Semester Hours)
- ELT 120 - Fund of Elec w/ Applied Math (3 Semester Hours)
- ELT 261 - National Electric Code (3 Semester Hours)
- ENE 130 - Photovoltaics (3 Semester Hours)
- ENE 135 - Renewable Energy (3 Semester Hours)**
- ENE 140 - Solar Thermal Energy (3 Semester Hours)**
- IND 108 - Introduction to CAD (2 Semester Hours)
- IND 118 - Mechanical Systems (3 Semester Hours)

Suggested Program

First Semester - 13 Hours

- EET 110 - Intro to Digital Electronics (4 Semester Hours)
- ELT 120 - Fund of Elec w/ Applied Math (3 Semester Hours)
- ENE 135 - Renewable Energy (3 Semester Hours)**
- IND 118 - Mechanical Systems (3 Semester Hours)

Second Semester - 14 Hours

- EET 245 - Programmable Controllers (3 Semester Hours)
- ELT 261 - National Electric Code (3 Semester Hours)
- ENE 130 - Photovoltaics (3 Semester Hours)
- ENE 140 - Solar Thermal Energy (3 Semester Hours)**
- IND 108 - Introduction to CAD (2 Semester Hours)