

This program prepares students to enter the work force as solar energy installers and technicians. They will have knowledge in electrical and mechanical 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
- Steven McPherson, Associate Professor of Electronics/Technology, 815-835-6347
- Jeff Johnson, Instructor I - Multicraft, 815-835-6572

## **Total Hours Required - 18 Hours**

---

### **Major Field Requirements**

---

- ELT 101 - Electrical Wiring (3 Semester Hours)
- ELT 120 - Fund of Elec w/ Applied Math (3 Semester Hours)
- ELT 259 - Industrial & Agric Wiring (3 Semester Hours)
- ELT 261 - National Electric Code (3 Semester Hours)
- ENE 130 - Photovoltaics (3 Semester Hours)
- IND 118 - Mechanical Systems (3 Semester Hours)

## **Suggested Program**

---

### **First Semester - 9 Hours**

---

- ELT 101 - Electrical Wiring (3 Semester Hours)
- ELT 120 - Fund of Elec w/ Applied Math (3 Semester Hours)
- IND 118 - Mechanical Systems (3 Semester Hours)

### **Second Semester - 9 Hours**

---

- ELT 259 - Industrial & Agric Wiring (3 Semester Hours)
- ELT 261 - National Electric Code (3 Semester Hours)
- ENE 130 - Photovoltaics (3 Semester Hours)