

This program is designed to prepare students for employment in heating and air conditioning service work.

### **Work and Employment**

The technician is an entry-level position. The program graduate will troubleshoot and repair heating and air conditioning systems. The technician will be required to use and have knowledge of special testing equipment. Work conducted as an entry-level technician is usually supervised by a seasoned professional.

### **Special Considerations**

The technician must be able to work in wide range of environments including a construction type environment and finished residential and light commercial buildings. The technician must be able to lift 50 pounds frequently and 80 pounds occasionally.

### **Program Contacts at Sauk Valley Community College**

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- Academic Advising, 815-835-6354
- Jeff Johnson, Multicraft Instructor, 815-835-6572

## **Total Hours Required - 16.5 Hours**

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### **Major Field Requirements - 16.5 Hours**

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- ELT 120 - Fund of Elec w/ Applied Math (3 Semester Hours)
- HRS 100 - EPA Certification (0.5 Semester Hours)
- HRS 114 - Sheet Metal Fabrication (3 Semester Hours)
- HRS 120 - Basic Refrigeration (3 Semester Hours)
- HRS 130 - Basic Heating (3 Semester Hours)
- IND 118 - Mechanical Systems (3 Semester Hours)
- IND 131 - OSHA Standards (1 Semester Hours)

## **Suggested Program**

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

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- ELT 120 - Fund of Elec w/ Applied Math (3 Semester Hours)
- HRS 114 - Sheet Metal Fabrication (3 Semester Hours)
- IND 118 - Mechanical Systems (3 Semester Hours)

### **Second Semester - 7.5 Hours**

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- HRS 100 - EPA Certification (0.5 Semester Hours)
- HRS 120 - Basic Refrigeration (3 Semester Hours)
- HRS 130 - Basic Heating (3 Semester Hours)
- IND 131 - OSHA Standards (1 Semester Hours)