

## INACTIVE PROGRAM

### **(H95) Certificate**

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The heating curriculum will prepare technicians to design, layout, install, repair and maintain commercial and domestic heating systems and related environmental units.

### **Work and Employment**

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Heating equipment installers follow blueprints or other specifications to install oil, gas, electric, solid fuel and multifuel heating systems. They also install fuel and water supply lines, air ducts and vents, pumps and other components. They connect electrical wiring and controls and check the unit for proper operation. In central heating systems, a furnace heats the air that is then distributed throughout the building via a system of metal or fiberglass ducts. Mechanics must be able to maintain, diagnose and correct problems with the entire system-ducts as well as the machinery.

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

Counseling Office, 815/835-6208;

Christopher Carlson, Assistant Professor of HVAC, 815/835-6221.

### **Major Field Requirements**

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- Electives (ELT, EET, HRS) 6 Semester hour(s)
  
- ELT 160 - Fundamentals of Electricity 3 Semester hour(s)
- ELT 262 - Electrical Controls 3 Semester hour(s)
- HRS 112 - Design, Installation and Servicing 3 Semester hour(s)
- HRS 114 - Sheet Metal Fabrication 3 Semester hour(s)
- HRS 120 - Basic Refrigeration 3 Semester hour(s)
- HRS 130 - Basic Heating 3 Semester hour(s)
- HRS 236 - Advanced Heating 3 Semester hour(s)
- IND 116 - Industrial Print Reading 3 Semester hour(s)

Total Hours Required for Certificate: 30

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