

Academic Programs

Heating, Refrigeration, & Air Conditioning: Entry Level Technician - Certificate (H84)

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 graduate will have the skills to troubleshoot and repair heating, air conditioning and refrigeration 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

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

Total Hours Required - 16 Hours

Major Field Requirements - 16 Hours

- ELT120 - Fund of Elec w/ Applied Math (3 Semester Hours)
- HRS100 - EPA Certification (1 Semester Hours)
- HRS114 - Sheet Metal Fabrication (3 Semester Hours)
- HRS120 - Basic Refrigeration (3 Semester Hours)
- HRS130 - Basic Heating (3 Semester Hours)
- IND118 - Mechanical Systems (3 Semester Hours)

Suggested Program

First Semester - 9 Hours

- ELT120 - Fund of Elec w/ Applied Math (3 Semester Hours)
- HRS114 - Sheet Metal Fabrication (3 Semester Hours)
- IND118 - Mechanical Systems (3 Semester Hours)

Second Semester - 7 Hours

- HRS100 - EPA Certification (1 Semester Hours)
- HRS120 - Basic Refrigeration (3 Semester Hours)
- HRS130 - Basic Heating (3 Semester Hours)