

(H84) Certificate

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

Academic Advising, 815/835-6354;

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

Major Field Requirements

- ELT 120 - Fundamentals of Electricity with Applied Mathematics 3 Semester hour(s)
- HRS 100 - E.P.A. Certification .5 Semester hour(s)
- HRS 114 - Sheet Metal Fabrication 3 Semester hour(s)
- HRS 120 - Basic Refrigeration 3 Semester hour(s)
- HRS 225 - Advanced Controls 3 Semester hour(s)
- IND 118 - Mechanical Systems 3 Semester hour(s)
- IND 131 - OSHA Standards 1 Semester hour(s)

Total Hours Required for Certificate: 16.5

Suggested Program

First Semester - Sem/Hrs: 9

- ELT 120 - Fundamentals of Electricity with Applied Mathematics 3 Semester hour(s)
- HRS 114 - Sheet Metal Fabrication 3 Semester hour(s)
- IND 118 - Mechanical Systems 3 Semester hour(s)

Second Semester - Sem/Hrs: 7.5

- HRS 100 - E.P.A. Certification .5 Semester hour(s)
- HRS 120 - Basic Refrigeration 3 Semester hour(s)
- HRS 225 - Advanced Controls 3 Semester hour(s)
- IND 131 - OSHA Standards 1 Semester hour(s)

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