



Description

Graduates of this program keep our workplaces and living quarters heated and cooled efficiently. They maintain and install the equipment that keeps our food fresh or frozen in our supermarkets. Students learn the skills that prepare them to work as heating, air conditioning, and/or refrigeration technicians.

This class may be substituted for up to two years of the three years required in the apprenticeship for the Mechanical Journeyman's License. Environmental Protection Agency (EPA) certification for refrigerant handling is also available.

Application

Partnership for Air-Conditioning, Heating, Refrigeration Accreditation (PAHRA)

Application

Applicants must complete a Southern Tech Application for Admission. Additional information and applications are available at the Southern Tech campus and online at www.sotech.edu. Enrollment for this career major is open to partnering High Schools (juniors/seniors) and Adults.

Tuition

High School Student: Free. Adult Student (in-district): \$2.50 per hour; Adult Student (Out-of-District): \$5 per hour; and Adult Student (Out-of-State): \$7.50 per hour. Additional costs may include books, supplies, and miscellaneous fees.

Financial Aid and Scholarships

Financial aid and scholarships are available for qualifying students.

Student Organization

SkillsUSA

Schedule

Adults (Half Time) 8:00-11:00 AM or 12:45-3:45 PM
Adults (Full Time) 8:00-11:00 AM and 12:45-3:45 PM
High School Students: 8:00-11:00 AM or 12:45-3:45 PM

Program Details

HVAC Technology Fundamentals

Course	Hours
Fundamentals of HVAC	255
Electrical, Motors and Controls	135
Refrigeration Systems Components	135
Total	525
<i>Estimated time to complete (Half Time)</i>	<i>1 year</i>

HVAC Technology Fundamentals

Course	Hours
Fundamentals of HVAC	255
Electrical, Motors and Controls	135
Refrigeration Systems Components	135
Air Conditioning Systems	255
Heating Systems	135
Workforce Staging	135
Total	1050
<i>Estimated time to complete (Full Time)</i>	<i>1 year</i>
<i>Estimated time to complete (Half Time)</i>	<i>2 years</i>

Targeted Certifications and/or Credentials

- Environmental Protection Agency (EPA) Section 608 Technician Certification
- Career Tech (CT) Process Piping Technician
- CT HVAC Technician
- OSHA 10

Certifications may vary by Program and are subject to change without notice.

Employment Options

The following list is associated with the approved SOC (Standard Occupational Classification) for this program and does not necessarily represent immediate opportunities; additional training may be required for some options listed.

A/C Tech; HVAC Installer; HVAC Mechanic; HVAC Service Tech; HVAC Service Technician; HVAC Specialist; HVAC Technician; HVAC Technician; Service Technician; Systems Mechanic – Approximate Pay Potential: \$13-35/Hour.