

# HVACR Technician

## Career Profile

### Roles & Responsibilities

HVACR Technicians install and repair commercial and residential climate controls systems, like heaters, air conditioners, and refrigerators. HVAC Techs work with blueprints, electrical wiring, and ventilation systems to ensure the safe and proper operation of equipment. HVAC Technicians interact with a variety of people ranging from homeowners to businesspeople and other blue collar workers. Employment in this field is expected to grow much faster than average through 2020.

### Similar Job Titles

- HVACR Installation Technician
- HVACR Service Technician
- HVACR Maintenance Technician
- HVACR Mechanic

### Work Environment

Since every building needs climate control, HVACR Technicians can work in just about any place and any industry. Many work at different job sites from day to day making service calls as needed. Generally, HVACR technicians work indoors, but it is not uncommon to work outdoors in all types of weather. HVAC Techs are usually employed full time and have the ability to set their own schedules.

### Training Requirements

Employers generally prefer candidates with technical training due to the complex nature of the work. Formal instruction usually includes training courses in electrical theory, heating and cooling processes, and safety regulations.

Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook, 2012-13 Edition, Heating, Air Conditioning, and Refrigeration Mechanics and Installers, on the Internet at <http://www.bls.gov/ooh/installation-maintenance-and-repair/heating-air-conditioning-and-refrigeration-mechanics-and-installers.htm> (visited June 14, 2012).



### Program at a Glance

The HVAC & Refrigeration program at SJVC provides training in the following areas:

- Diagnostic Practices
- Heating and Cooling Principles
- Refrigeration Cycles
- Electrical Theory
- EPA Standards
- Hazardous Waste Disposal