

Architecture & Construction Cluster



Careers in designing, planning, managing, building and maintaining the built environment.

Data Sources
Bureau of Labor
Statistics
CareerInfoNet
CareerClusters
The College
Board
Tracer

Heating, Air Conditioning and Refrigeration Mechanics & Installers (HVACR Technicians)

From supermarkets to skyscrapers, HVACR technicians make sure that the temperature is just right. In many cases, such as in hospitals, their work may actually be lifesaving. In factories, they keep the air that workers breathe pollutant free. In private homes, they simply make life bearable, keeping us warm in the winter and cool in the summer.

If you are interested in helping people keep cool during the hot Texas summer, a career as a **HVACR technician** may be for you.

HVACR technicians install, care for and repair systems that heat, cool, circulate, clean and control the humidity of air.

Are You Ready To...?

- Install heating systems that use a combination of fuels
- Connect the electrical wiring for central-air systems
- Replace the filters on a furnace during summer months
- Use a pressure gauge to check refrigerant pressure
- Keep learning about new technology

It Helps To Be...

Able to work well with people. You need to know how to handle complaints and understand people's individual needs. You'll also need strength and a love of machines.

A Day In The Life...

- Adjust or set mechanical controls or components
- Analyze operation of malfunctioning electrical or electronic equipment
- Assemble and install pipe sections, fittings or plumbing fixtures
- Control HVAC equipment

Salary and Opportunity in the Austin-area

Median Hourly Wage: \$21.30

*That comes out to more than
\$44,312 a year.*

**In 2016, we had
1,285 HVACR Technicians.
By 2026, we'll need 1,591.**

Could you be one of the 306?

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After High School...

In addition to a high school diploma, many employers look for HVACR technicians who have completed **apprenticeship programs** or **vocational-technical school programs**.



Top 5 Industries for HVACR Technicians

1. Building Equipment Contractors
2. Elementary and Secondary Schools
3. Hardware, Plumbing and Heating Equipment and Supplies Merchant Wholesalers
4. Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance
5. Direct Selling Establishments

For more Career Profiles, visit our website:

<http://www.wfscapitalarea.com/YouthServices/CareerPlanning.aspx>.

Related College Majors

- Architectural Engineering
- Civil Engineering
- Construction Management
- Construction Technology
- Engineering Technology
- Environmental Engineering
- Heating, Ventilation, Air-Conditioning and Refrigeration Technology

Related Industry Certifications

- Air Conditioning Installation Technician
- Air Conditioning Service Technician
- Air to Air Heat Pump Installation Technician
- Air to Air Heat Pump Service Technician
- EPA Certification

Related Careers

- Boilermakers
- Chemical Engineers
- Electronics Technicians
- Home Appliance Repairers
- Industrial Machinery Repairers
- Plumbers
- Sheet Metal Workers

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