

Heating, Ventilation, Air Conditioning & Refrigeration



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Every home and business requires heating, ventilation, air conditioning and refrigeration equipment. The HVAC/R industry offers a wide range of careers from installer to business owner to keep systems up and running. These jobs, paying anywhere from \$25,000 to \$100,000, are predicted to increase in the years ahead as demand increases for higher efficiency industrial, commercial and residential systems that include some geothermal system training.

The EPA requires that HVAC/R technicians be certified, and Greenville Technical College graduates enjoy a high success rate on the exam. State-of-the-art equipment including an oil-less Danfoss/Turbocor compressor and a Johnson Controls lab simulates commercial and industrial settings, preparing students for success with the certification exam and the career. GTC's program is one of only two in the state to be accredited by the HVAC Excellence Organization.

What will I learn?

Our programs cover the latest topics including

- Installation and service
- Troubleshooting
- Commercial refrigeration systems
- Environmentally safe refrigerants
- Direct digital controls



Program Options

- Air Conditioning/Refrigeration Technology Diploma
- Air Conditioning/Refrigeration Technician Certificate
- Beginning Electricity & Refrigeration Certificate
- Commercial and Industrial Air Conditioning Certificate

Careers

Learn to service and maintain the following systems:

- Residential systems for homes and apartment communities.
- Commercial refrigeration systems in grocery stores, restaurants and convenience stores.
- Industrial/commercial air conditioning systems in shopping malls, movie theaters, industrial plants, factories, hospitals and office buildings.
- Energy management systems.

Your work will take you to many different settings, and you will spend very little time behind a desk. Job sites may include sports arenas, shopping malls, theaters, private homes, apartment complexes, offices, industrial plants, schools, factories, grocery stores, and hospitals.

Experienced Instructors

Our instructors are experts with extensive experience in all areas of the air conditioning and refrigeration field. They have gained their competence in careers with leading companies including Piedmont Natural Gas, Johnson Controls, Carrier Corporation, Hussman Refrigeration, and independent contractors. The HVAC Excellence Organization, a national group that certifies the industry's top professionals, has recognized three GTC instructors as certified master HVAC/R educators. Nationwide, this certification has been granted to only a very small group of highly qualified individuals.