



Possible Employment Opportunities*

- HVAC Repair Specialist◀
- HVAC Assistant Installer◀
- HVAC Technician Apprentice◀

HEATING, VENTILATION, AIR CONDITIONING, AND REFRIGERATION DIPLOMA

The Heating, Ventilation, Air Conditioning, and Refrigeration (HVAC/R) Diploma Program prepares students with the knowledge and necessary skills to develop efficient and safety-minded technicians that will be able to fill an entry level position in the heating, ventilation, and air conditioning field. In addition, they will acquire the necessary skills, to perform installation tasks, service and repairs in heating, refrigeration, and air conditioning equipment. This program is designed to prepare graduates to take the certifications from the Environmental Protection Agency (EPA) and Occupational Safety and Health Administration (OSHA).

Certifications

Students are eligible to take the following certifications test:

- EPA 608 Universal
- OSHA 10 Safety

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FTC is approved by State Approving Agency for Veterans' Affairs

*These examples are intended to serve only as a general guide of possible employment opportunities. There are many factors that determine the job an individual may obtain, and Florida Technical College cannot guarantee its graduates any particular job. Some positions may require a license or other certifications. We encourage you to research the requirements for the particular position you desire. Program availability varies by campus.



7 Florida campuses*

*Program availability varies by location.

HEATING, VENTILATION, AIR CONDITIONING, AND REFRIGERATION DIPLOMA

Admission Requirements

- High School Diploma or a recognized equivalent.

Duration Of Program

- 12 month
- 74 quarter credits

Distribution

- 520 lecture hours
- 440 lab hours
- 960 total contact hours

Courses

- Safety and Craft Skills
- Applied Math for HVAC Technicians
- Introduction to Electricity (DC-AC)
- Introduction to Refrigeration and A/C
- Refrigeration and A/C: Residential
- Refrigeration and A/C: Commercial
- Heat Pumps and Related Systems
- Electrical Instrumentation: Lab
- Mechanical Instrumentation: Lab
- Residential Equipment: Lab
- Commercial A/C Equipment: Lab
- Environmental Protection Agency (EPA) Laws and Regulations



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