



# Heating, Ventilation and Air Conditioning Technology

HVAC technology is about more than making sure homeowners stay cool in the summer. Supermarkets need their coolers to keep food from spoiling. Manufacturing plants have to have fresh air for properly working systems and safe employee environments. With such importance in residences and businesses, HVAC technicians are in demand. Tri-County's HVAC program will teach you the basics of

heating and air systems, including building and installing systems, as well as repairing, maintaining and operating systems. With your degree, you'll be able to service units in residential and/or commercial building.

Learn more about program requirements and related certificates. Scroll to the degree program and select "display programs."

## PLUS



You'll be job-ready for industries in commercial HVAC, commercial refrigeration, and HVAC controls



You'll have the opportunity for hands-on training through a summer HVAC co-op position



You'll will earn your EPA certification card before graduation



# Career Outlooks and Average Salaries

Job Title	What You Do	Salary			# Job Openings
		Entry	Median	Skilled	
Environmental Engineering Technicians	Apply theory and principles of environmental engineering to modify, test, and operate equipment and devices used in the prevention, control, and remediation of environmental problems, including waste treatment and site remediation, under the direction of engineering staff or scientist. May assist in the development of environmental remediation devices.	\$21,684	\$32,413	\$61,249	8
Heating and Air Conditioning Mechanics and Installers	Install, service, or repair heating and air conditioning systems in residences or commercial establishments.	\$30,377	\$43,990	\$64,356	270
Refrigeration Mechanics and Installers	Install and repair industrial and commercial refrigerating systems.	\$30,377	\$43,990	\$64,356	270
Maintenance and Repair Workers, General	Perform work involving the skills of two or more maintenance or craft occupations to keep machines, mechanical equipment, or the structure of an establishment in repair. Duties may involve pipe fitting; boiler making; insulating; welding; machining; carpentry; repairing electrical or mechanical equipment; installing, aligning, and balancing new equipment; and repairing buildings, floors, or stairs.	\$23,240	\$37,270	\$59,675	1,113
Stationary Engineers and Boiler Operators	Operate or maintain stationary engines, boilers, or other mechanical equipment to provide utilities for buildings or industrial processes. Operate equipment, such as steam engines, generators, motors, turbines, and steam boilers.	\$39,595	\$61,478	\$88,371	9



## CONNECT WITH US

**Program Director**  
Justin Herndon  
Telephone: (864) 646-1619  
Email: jherndo1@tctc.edu

**Academic Resource Specialist**  
Katee Fletcher  
864-646-1508  
kfletcher1@tctc.edu

**Division Office**  
(864) 646-1375  
eit@tctc.edu

[TCTC.edu/APPLY](https://www.tctc.edu/APPLY)

SC WINS Eligible



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Weatherization Installers and Technicians	Perform a variety of activities to weatherize homes and make them more energy efficient. Duties include repairing windows, insulating ducts, and performing heating, ventilating, and air-conditioning (HVAC) work. May perform energy audits and advise clients on energy conservation measures.	\$33,707	\$45,575	\$85,817	19
Control and Valve Installers and Repairers	Install, repair, and maintain mechanical regulating and controlling devices, such as electric meters, gas regulators, thermostats, safety and flow valves, and other mechanical governors.	\$36,502	\$48,941	\$71,980	17
Energy Auditors	Conduct energy audits of buildings, building systems, or process systems. May also conduct investment grade audits of buildings or systems.	\$34,776	\$58,381	\$100,199	207



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