

General Information

Admission Policy

A. Tennessee College of Applied Technology Livingston admits applicants on a "first-come, first serve" basis.

1. Applicants Not Enrolled in High School

a. Applicants not enrolled in high school are eligible for admission provided that:

1. They are at least eighteen (18) years of age or have a high school diploma or equivalent.
2. Select a program of study
3. Complete an admissions application
4. Submit program specific materials and complete additional requirements of the chosen program (if required).

B. Admission of Church-Related and Home School Students

1. Students who have attended a church-related school or home school as defined by T.C.A § 49-50-801 and T.C.A § 49-6-3050 are eligible for admission
- A. Church-Related or Home School Students who do not present valid ACT, SAT or other approved assessment scores at time of admissions may be subject to program assessments to determine program eligibility.

C. Admission of Foreign Non-Immigrants

1. Foreign non-immigrant applicants are eligible for admission if they meet the same conditions required for other applicants as well as the requirements of the U.S. Bureau of Naturalization and Immigration.

D. Standardized Examination Scores

1. Colleges of applied technology may use standardized test scores for advisement and placement purposes.

E. Applicants Enrolled in High School

Applicants enrolled in high school are eligible for admission provided that:

1. An agreement authorizing such admission concluding between the local Board of Education and the Tennessee College of Applied Technology. Such agreements are subject to the approval of the Chancellor or his designee.

Admission Procedures (www.tcatlivingston.edu)

STEPS FOR ENROLLMENT



Pick A Program



Fill Out Online Application



Submit Program Specific Application Materials, (If Required)



Submit proof of vaccination



Request/Submit Transcripts



Complete FAFSA

Class Schedules

Full-time classes are offered Monday through Friday between the hours of 7:45 a.m. and 2:30 p.m. Part-time class schedules may vary according to local needs.

This program is offered at Tennessee College of Applied Technology Livingston- Jackson County Instructional Service Center, 255 Blue Devil Lane, Gainesboro, TN 38562

Student Cost

Cost can be found on our website at www.tcatlivingston.edu/programs.

Financial Aid

Financial aid is available to those students who are eligible. Students can be assessed for eligibility for Federal Pell Grants, Federal SEOG, TN Student Assistance Award, Wilder Naifeh Technical Skills Grant, TN Promise, TN Reconnect, and Federal Work Study. The school also coordinates efforts with the Department of Veteran's Affairs, Voc. Rehabilitation, WIOA, TRA and TOPS.

Local High School Articulation

The Tennessee College of Applied Technology at Livingston has articulation agreements with local high schools in the school's service area. These agreements establish guidelines by which high school students may receive advanced placement in programs for skills acquired in high school. For more information on how to receive advanced placement, contact your high school guidance counselor or the Student Services Office at TCAT Livingston.

-For Gainful Employment Information see website

The Tennessee College of Applied Technology - Livingston is an equal opportunity institution and offers equal opportunity for employment and admission to programs to all qualified persons without regard to race, sex, color, religion, national origin, age, physical disability, or veteran status. TCAT fully support the Americans with Disabilities Act and encourages applicants who may require special assistance under the Act to make it known. TCAT-96-1000-TP-20

Heating, Ventilation, Air Conditioning, and Refrigeration



TENNESSEE COLLEGE
OF APPLIED TECHNOLOGY
LIVINGSTON

740 Hi Tech Drive
Livingston, TN 38570
www.tcatlivingston.edu

Phone: 931-823-5525

Heating, Ventilation, Air Conditioning, and Refrigeration

Approximately: 16 Months

Mission Statement

The mission of the HVAC/R program is to provide training in the construction trades in order to meet the occupational needs of the citizens of the school's service area who have an interest in this type of employment.

Course Description

The Heating, Ventilation, Air Conditioning, and Refrigeration program is a comprehensive collection of lessons that provide the knowledge necessary for students to understand HVACR theory, identify typical systems and components used for heating and air conditioning residential and commercial buildings, and understand the standard procedures for installation, troubleshooting and maintaining HVACR installations and light commercial refrigeration.

Certificates

HVAC Mechanic Assistant	432 hours
Domestic Unit Repair	864 hours

Diplomas

Heating, Ventilation, & Air Conditioning Technician	1296 hours
Heating, Ventilation, Air Conditioning, & Refrigeration Technician	1728 hours

Course Outline

- Worker Characteristics/Ethics
- Comprehensive Safety Training (including OSHA 10 Certification)
- Basic Electricity & Controls
- Environmental Awareness
- Beginning & Intermediate Installation Skills
- Beginning & Intermediate System Service
- Comprehensive Motor Classes
- EPA Section 608 Course 1-3 Certification
- Gas & Electric Heating Service
- Air Conditioning & Heat Pump Service
- Light Commercial Refrigeration Service

Certifications

- OSHA 10
- EPA Section 608 Core Exam & Sections 1-3
- Employment Readiness: Electrical

Job Opportunities

For 2020 median pay of a HVACR Technician is \$50,590 (24.32 per hour) with a post secondary non degree award. Salary is based upon location and demand area.

Demand: Employment of Heating, Air Conditioning, and Refrigeration mechanics and installers is projected to grow 10 to 20 percent from 2020-2030. Most of these openings are expected to result from the need to replace workers who transfer to different occupations or exit the labor force to retire. (U.S. Bureau of Labor Statistics)

Overview

The Heating, Ventilation, Air Conditioning and Refrigeration program is an individual program that prepares individuals to work in a variety of jobs in the field of residential and light commercial air conditioning and refrigeration.

Upon completion of the program, graduates are prepared to troubleshoot, repair, and maintain residential and commercial refrigeration; air conditioning; heat pumps; humidifiers; and electrical and gas heating. Graduates also understand the fundamentals of electricity, electric motors, and controls. Graduates of the program will be able to install and braze refrigeration tubing, diagnose electrical problems; install duct systems; repair light commercial equipment; recover air conditioning and refrigeration refrigerants; locate and repair leaks.