

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.

Student Cost

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

Financial Aid

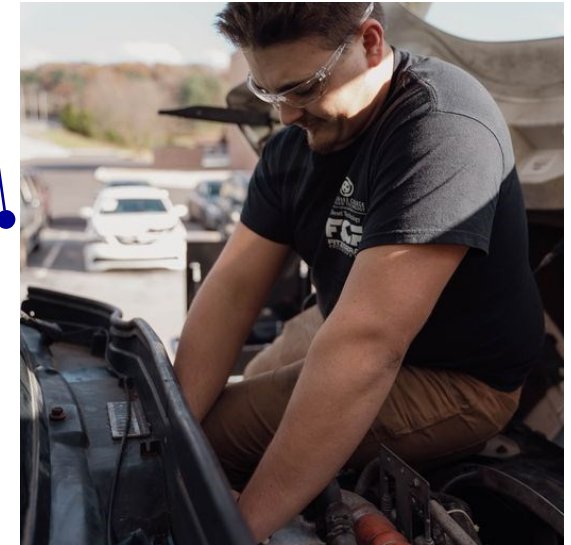
Financial aid is available to those students who are eligible. Students can be assessed for eligibility for Federal Pell Grants, Federal SEOG, TN Student Assistance Award, Wilder Naifeh Technical Skills Grant, TN Promise, TN Reconnect, and Federal Work Study. The school also coordinates efforts with 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

Diesel Technology



TENNESSEE COLLEGE
OF APPLIED TECHNOLOGY
LIVINGSTON

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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

Diesel Technology

Approximately: 16 Months

Mission Statement

The mission of the Diesel Technology program is to provide training in the repair and maintenance of diesel engines and trucks to meet the occupational and technical needs of citizens of the College's service area who have an interest in this type of employment.

Course Description

The Diesel Technology program provides practical experience in the repair and maintenance of diesel powered equipment. Students receive instruction in troubleshooting, engine analysis, disassembling engines replacing defective parts, reassembling, etc., to enable students to enter employment in truck, construction, agricultural equipment, and other related fields as technicians. Students admitted to the Diesel Technology program must have a valid driver's license prior to admission.

The Diesel Technology training program at Tennessee College of Applied Technology-Livingston will provide instruction in the following areas: Diesel Engines, Brakes, Electrical/Electronics, Suspension and Steering, Drive Trains, Preventive Maintenance, and Heating Ventilation and Air Conditioning.

Overview

Basic practical experience is gained by shop practice, student projects, and certain repair work. Oral, written, and performance tests are given to measure the student's proficiencies. Most instruction is given on an individual basis, thus allowing the student to progress at his/her own pace.

Diesel service technicians and mechanics typically do the following:

- ◆ Consult with customers, read work orders, and determine work required
- ◆ Plan work procedures, using technical charts and manuals
- ◆ Inspect brake systems, steering mechanisms, transmissions, engines, and other parts of vehicles
- ◆ Follow checklists to ensure that all critical parts are examined
- ◆ Read and interpret diagnostic test results to identify mechanical problems
- ◆ Repair or replace malfunctioning components, parts, and other mechanical or electrical equipment

Certificates and Diplomas

Certificates

Diesel Technician Assistant	864 hours
Diesel Technician	1296 hours

Diplomas

Master Diesel Technician	1728 hours
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Course Outline

- ◆ Preventative Maintenance
- ◆ Brakes
- ◆ Suspension and Steering
- ◆ Basic Diesel Theory
- ◆ Diesel Engines—Mechanical
- ◆ Basic Electricity/Electronics
- ◆ Hydraulics
- ◆ Drive Trains
- ◆ Heating, Ventilation, and Air Conditioning

Job Opportunities

Workers who have completed postsecondary education should have the best job opportunities, followed by graduates of accredited high school automotive programs.

Workers without postsecondary education often require more supervision and on-the-job instruction than others. These untrained workers will face stronger competition for jobs because training is an expensive and time-consuming process for employers. (www.bls.gov)

Demand: Employment of diesel service technicians and mechanics is projected to grow 10 percent from 2016 to 2026, faster than the average for all occupations.

As more freight is shipped across the country, additional diesel-powered trucks will be needed to carry freight wherever trains and pipelines are not available or economical. In addition, diesel cars and light trucks are becoming more popular, and more diesel technicians will be needed to maintain and repair these vehicles.