

## ADMISSION POLICY

### A. Applicants Not Enrolled in High School

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. They declare an occupational objective or demonstrate through testing or counseling reasonable potential for achieving that objective.

### B. 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.
2. Enrollment is limited to one (1) occupational area.

### C. Admission of Foreign Non-Immigrants

Foreign non-immigrant applicants are eligible for admission if they meet the same conditions required for other applicants.

## ADMISSION PROCEDURES

### STEPS FOR ENROLLMENT



1

PICK A PROGRAM



2

FILL OUT ONLINE APPLICATION



3

SUBMIT PROGRAM SPECIFIC APPLICATION MATERIALS (IF REQUIRED)



4

SUBMIT PROOF OF VACCINATION



5

REQUEST/SUBMIT TRANSCRIPTS



6

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:  
[www.tcatlivingston.edu/programs](http://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 TCATL.

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LIVINGSTON, TN 38570  
931-823-5525

[WWW.TCATLIVINGSTON.EDU](http://WWW.TCATLIVINGSTON.EDU)

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# DIESEL TECHNOLOGY

## WE BUILD CAREERS.



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LIVINGSTON





## 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



## 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.

## 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](http://www.bls.gov))

## COURSE OUTLINE

Approximately: 16 Months

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

## CERTIFICATES & DIPLOMAS

### Certificates

Diesel Technician Assistant	864 hours
Diesel Technician	1296 hours

### Diplomas

Master Diesel Technician	1728 hours
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