



TENNESSEE COLLEGE  
OF APPLIED TECHNOLOGY  
KNOXVILLE

# Diesel Powered Equipment Technology

20 Month Program Offered at Main Campus (Day and Night Classes)  
and Anderson County Higher Education Center (Day Classes)

Day Class (M-F, 8:00am to 2:30pm) Night Class (M-F, 3:30pm to 10:00pm)

## About

The Diesel Powered Equipment Technology program provides students with the technical instruction and skill development to enable students to enter employment in truck, construction, agricultural equipment, and other related fields as technicians.

By working in the fuel injection lab and on actual diesel powered equipment, students are well prepared to enter the workforce after graduation. The Diesel Powered Equipment Technology program is accredited by the National Automotive Technicians Education Foundation (NATEF).

## Curriculum and Courses

All full-time TCAT Knoxville programs include Workplace Characteristic courses each trimester.

- Orientation
- Safety
- General Shop Skills
- Preventative Maintenance
- Basic Diesel Theory
- Diesel Engine Mechanical
- Basic Electricity and Electronics
- Electronic Diesel Engine Controls
- Brakes
- Suspension and Steering
- Hydraulics
- Drive Trains
- Heating Ventilation & AC

## Completion Awards

- 432 Preventative Maintenance Service Technician Certificate
- 864 Diesel Engine Assembler Certificate
- 1296 Diesel Technician Apprentice Certificate
- 1728 Diesel Technician Assistant Certificate
- 2160 Diesel Technician Diploma

Completion Rate (as of 2022)

76%

Placement Rate (as of 2022)

85%



LEARN MORE!

## How To Apply

- Complete TCAT Knoxville Application for Enrollment online at [www.tcatknoxville.edu](http://www.tcatknoxville.edu).
- Complete the Free Application For Federal Student Aid (FAFSA) online at [www.studentaid.gov](http://www.studentaid.gov). Our school code is 004025.