



# Diesel Powered Equipment Technology

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 diesel equipment shop 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).

Program/Location	Length	Days	Time
Day Program/Anderson County and Knoxville	20 Months	Monday—Friday	8:00 am—2:30 pm
Night Program/Knoxville Campus	20 Months	Monday—Friday	3:30 pm—10:00 pm

## Curriculum/Courses

Course	Completion Awards	Required Hours
DPE 0001 Worker Characteristic		
DPE 1010 Orientation		
DPE 1020 Safety	Preventative Maintenance Service Technician	Certificate 432
DPE 1030 General Shop Skills		
DPE 1040 Preventative Maintenance	Diesel Engine Assembler	Certificate 864
DPE 1050 Basic Diesel Theory	Diesel Technician Apprentice	Certificate 1296
DPE 0002 Worker Characteristic	Diesel Technician Assistant	Certificate 1728
DPE 2010 Diesel Engine Mechanical	Diesel Technician	Diploma 2160
DPE 0003 Worker Characteristic		
DPE 3010 Basic Electricity and Electronic		
DPE 3020 Electronic Diesel Engine Ctrl		
DPE 0004 Worker Characteristic		
DPE 4010 Brakes		
DPE 4020 Suspension and Steering		
DPE 4030 Hydraulics		
DPE 0005 Worker Characteristic		
DPE 5010 Drive Trains		
DPE 5020 Heating Ventilation & AC		

**Completion Rate 2021: 59%**

**Placement Rate 2021: 83%**

## Typical Job Opportunities

- Heavy Vehicle Mechanic
- Brake Mechanic
- Engine Mechanic
- Drive Line Mechanic
- Accessories Installer

## HOW TO APPLY

**All Documents Must be Presented Together to Apply**

- ⇒ Complete the **Free Application For Federal Student Aid (FAFSA)** online – the website is [www.fafsa.ed.gov](http://www.fafsa.ed.gov) and our school code is 004025.
- ⇒ Complete **TCAT Knoxville Application for Enrollment** online at [www.tcatknoxville.edu](http://www.tcatknoxville.edu) and select **APPLY NOW**