

# 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/Knoxville Campus	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 ID	Course Name	Completion Awards	Required Hours
DPE 0001	Worker Characteristic		
DPE 1010	Orientation		
DPE 1020	Safety	Preventative Maintenance Service Technician	432
DPE 1030	General Shop Skills		
DPE 1040	Preventative Maintenance	Diesel Engine Assembler	864
DPE 1050	Basic Diesel Theory	Diesel Technician Apprentice	1296
DPE 0002	Worker Characteristic	Diesel Technician Assistant	1728
DPE 2010	Diesel Engine Mechanical	Diesel Technician	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 2020: 87%**

**Placement Rate 2020: 88%**

## 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**

## Typical Job Opportunities

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