Diesel Technology

Industry Certifications | License
Certified by the National Automotive Technicians Education Foundation (NATEF)
Automotive Service Excellence (ASE). Oklahoma Career Readiness Certification

Quick Facts
Average Salary: $14.00/hr
Students: Adult & High School
Campus: Drumright
Times: Morning, Afternoon, Full Day

Scheduling Information
Drumright: 8:25am – 11:15am
12:45pm – 3:35pm
8:25am – 3:35pm
High school students attend morning or afternoon. Adults can choose from morning, afternoon or all day. Restrictions apply. Most classes follow the traditional August – May schedule. Ask about classes with Controlled Entry/Exit Options.

Entrance Requirements
Enrollment is open to in-district adults and high school juniors and seniors.

Application Process
Applications are available online at wwwЦентралТехноДрумрайт.Edu, on Central Tech campuses and high schools in our district. Return completed application to a Central Tech Recruiter or high school counselor. Additional information may be required.

Financial Aid
Financial aid is defined as any grant, part-time employment, scholarship, or other federally funded program. Students with financial need may be eligible - apply to career majors of 600 hours or more. Central Tech Federal School Code: 009964
Application for Federal Student Aid (FAFSA) www.fafsa.ed.gov.

College Connection
Gets specific college connection information by contacting the college credit advisor.

Career Majors
Estimated Tuition Books & Fees

Medium/Heavy Diesel Preventative Maintenance Technician
Students in this major learn to perform preventative maintenance on all types of diesel engines and drive trains found in trucks and buses. They learn the basic electrical system and how to use digital volt ohm meters to check voltage current flow, resistance, and to find shorts and grounds. Students also learn about the preventative maintenance inspection and performance procedures, regulations, and documentation. In addition, students learn about the air conditioning system and how to inspect and change out the system components. The hours completed in this major align with ASE/NATEF standards, and ASE certification is recommended and industry recognized.

Class time by hours | 330 clock hours
30 INTRODUCTION & ORIENTATION TO DIESEL TECHNOLOGY
60 DIESEL ELECTRICITY INTRODUCTION
60 PREVENTIVE MAINTENANCE INSPECTION
75 PREVENTIVE MAINTENANCE SERVICE
30 TIRE MAINTENANCE & SERVICE
45 MEDIUM/HEAVY DIESEL TRUCK ELECTRICITY INTRODUCTION
30 WORKFORCE STAGING
Tuition: $495 | Fees: $137 | Books & Supplies: $0 | Cost: $632

Medium/Heavy Diesel Truck Engine Technician
Students in this major learn to diagnose, adjust, repair and provide service for all types of diesel engines, including trucks and buses. They learn about the electrical system and how to test and replace the system components, including the battery system and electronics using a digital volt ohm meter. In Engine Performance, the students also learn how to inspect, diagnose and determine necessary repair of diesel engines while using diagnostic scan tools. They gain hands-on experience in disassembling, repairing and reassembling a diesel engine. The hours completed in this major align with ASE/NATEF standards, and ASE certification is recommended and industry recognized.

Class time by hours | 1095 clock hours
30 INTRODUCTION & ORIENTATION TO DIESEL TECHNOLOGY
60 DIESEL ELECTRICITY INTRODUCTION
60 PREVENTIVE MAINTENANCE INSPECTION
75 PREVENTIVE MAINTENANCE SERVICE
30 TIRE MAINTENANCE & SERVICE
135 DIESEL ELECTRICITY FUNDAMENTALS
45 DIESEL ENGINE SYSTEMS
45 DIESEL ELECTRICITY ADVANCED
165 DIESEL ENGINE SPECIALIZATION
165 MEDIUM/HEAVY DIESEL TRUCK STEERING & SUSPENSION
105 MEDIUM/HEAVY DIESEL TRUCK DRIVE TRAIN
105 MEDIUM/HEAVY DIESEL TRUCK HYDRAULICS
30 WORKFORCE STAGING
Tuition: $1642.50 | Fees: $137 | Books & Supplies: $0 | Cost: $1779.50

Medium/Heavy Diesel Truck Heavy Line Technician
Students in this major learn the skills to provide service and repair to the engine, chassis and drive train components. They learn about the electrical system and to test and replace the system components using a digital volt ohm meter. Students also learn about the preventative maintenance inspection and performance procedures, regulations, and documentation as well as how to inspect, diagnose and repair diesel engines. They gain hands-on experience in disassembling, repairing and reassembling a diesel engine. In addition, students learn about the brake system, steering system, hydraulic system, and drive train diagnosis, problem solving techniques and repair procedures. Students cover hydraulic systems found in medium and heavy truck applications as well. The hours completed in this major align with ASE/NATEF standards, and ASE certification is recommended and industry recognized.

Class time by hours | 1095 clock hours
30 INTRODUCTION & ORIENTATION TO DIESEL TECHNOLOGY
60 DIESEL ELECTRICITY INTRODUCTION
60 PREVENTIVE MAINTENANCE INSPECTION
75 PREVENTIVE MAINTENANCE SERVICE
30 TIRE MAINTENANCE & SERVICE
135 DIESEL ELECTRICITY FUNDAMENTALS
45 DIESEL ENGINE SYSTEMS
45 DIESEL ELECTRICITY ADVANCED
165 DIESEL ENGINE SPECIALIZATION
165 MEDIUM/HEAVY DIESEL TRUCK STEERING & SUSPENSION
105 MEDIUM/HEAVY DIESEL TRUCK DRIVE TRAIN
105 MEDIUM/HEAVY DIESEL TRUCK HYDRAULICS
30 WORKFORCE STAGING
Tuition: $1642.50 | Fees: $137 | Books & Supplies: $0 | Cost: $1779.50
Diesel Technology

**Medium/Heavy Diesel Truck Service & Light Repair Technician**

Students in this major learn to perform basic service to a wide variety of trucks and buses. Students also learn about the preventative maintenance inspection and performance procedures, regulations, and documentation. They learn about electrical systems, including how to test and replace electrical parts such as the battery system and electronics using a digital volt ohm meter. In addition, students learn about brake system, steering system, and heating, ventilation and air conditioning system diagnosis, problem solving techniques and repair procedures. Engine inspection, diagnosis and repair are also covered in this major. The hours completed in this major align with ASE/NATEF standards, and ASE certification is recommended and industry recognized.

**Class time by hours | 915 clock hours**

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<tr>
<th>Hours</th>
<th>Course Description</th>
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<tr>
<td>30</td>
<td>INTRODUCTION &amp; ORIENTATION TO DIESEL TECHNOLOGY</td>
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<td>60</td>
<td>DIESEL ELECTRICITY INTRODUCTION</td>
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<td>105</td>
<td>MEDIUM/HEAVY TRUCK BRAKES</td>
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<td>MEDIUM/HEAVY DIESEL TRUCK HEATING &amp; AC INTRODUCTION</td>
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**Tuition:** $1372.50 | **Fees:** $137 | **Books & Supplies:** $0 | **Cost:** $1509.50

*ASE Industry Certification Fees $292.00 (Optional – not included in costs)

*Career Major costs are subject to change.*