

## Diesel Technology

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### Industry Certifications | License

Certified by the National Automotive Technicians Education Foundation (NATEF) Automotive Service Excellence (A.S.E.)

- *Student Certification*  
Oklahoma Career Readiness Certification

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### Quick Facts

**Students:** Adult & High School  
**Campus:** Drumright  
**Times:** Morning, Afternoon, Full Day

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### Scheduling Information

**Drumright:** 8:25am – 11:15am  
12:45pm – 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.

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### Entrance Requirements

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

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### Application Process

Applications are available online at [www.CentralTech.Edu](http://www.CentralTech.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.

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### 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 - applies to Programs of 600 hours or more. Central Tech Federal School Code: **009964**  
Free Application for Federal Student Aid (FAFSA) [www.fafsa.ed.gov](http://www.fafsa.ed.gov).

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### College Connection

Get specific college connection information by contacting the college credit advisor.

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### Program

#### 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 |1050 clock hours

- 60 Introduction and Orientation to Diesel Technology
- 60 Diesel Electricity Introduction
- 120 Diesel Electricity Fundamentals
- 60 Preventative Maintenance Inspection
- 60 Preventative Maintenance Service
- 120 Diesel Engine Systems
- 45 Workforce Staging
- 45 Medium/Heavy Diesel Truck Heating & Air Condition Int
- 45 Medium/Heavy Diesel Truck Heating & Air Conditioning
- 120 Medium/Heavy Truck Brakes
- 120 Medium/Heavy Truck Steering And Suspension
- 120 Medium/Heavy Diesel Truck Drive Train
- 60 Medium/Heavy Diesel Truck Hydraulics
- 15 Tire Maintenance & Service

**Tuition: \$1575|Fees: \$137|Books & Supplies: \$300|Cost: \$2012**

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

**\*Program costs are subject to change.**