



POWER YOUR FUTURE BY
WORKING ON DIESEL ENGINES

Diesel Technology

[TRANSPORTATION]



Diesel technology is a hands-on, high-tech career that is in demand. Diesel technicians repair, service and maintain diesel-powered equipment. You might work on buses, trucks, farm and construction equipment. Our students benefit from state-of-the-art training labs, thanks to corporate partners such as CASE Construction and The Victor L. Phillips Company.

LEARNING AT WASHBURN TECH

This program prepares you to apply technical knowledge and skills to work on light and heavy wheeled diesel-powered equipment. Instruction, covering several types of equipment, includes tune-up and overhauling, transmissions and differentials. Attending half-day, you can complete this 48-credit-hour program in four semesters. You also may complete an Associate of Science Degree or more advanced degrees at Washburn University.

JOB AND SALARY OUTLOOK

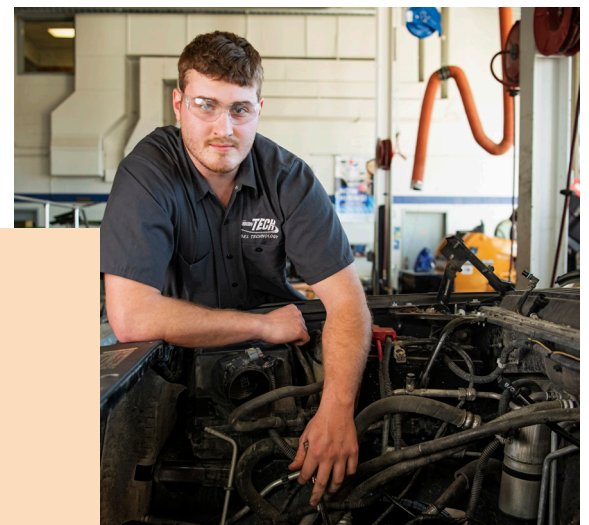
There is high demand in Kansas for diesel technicians, especially for those who have completed formal training programs such as the one at Washburn Tech. According to the Kansas Department of Labor, the average entry-level salary in this field is \$18.43 an hour or \$38,330 annually. The average is \$23.86 an hour or \$49,630 annually.

ENTRY REQUIREMENTS

Students are required to take the Accuplacer and score a minimum of 4 in both reading and math. Other assessments or college coursework can be accepted in place of Accuplacer. See an admissions counselor for details. Students must complete an application and submit a copy of official transcripts. Please note, you must have a driver's license or learner's permit to enter this program.

CERTIFICATIONS

- + ASE Brakes, ASE Diesel Engines
- + ASE Electrical/Electronic Systems
- + ASE Suspension/Steering
- + OSHA-10



Build your best self.

TALK TO AN ADMISSIONS COUNSELOR TODAY!

785.670.2200

CAREERS IN TRANSPORTATION »

- + dealership
- + fleet maintenance
- + private garage
- + farm equipment repair
- + car/truck shop
- + sales representative
- + bus company
- + educator

COURSE DESCRIPTIONS

OSHA-10

Covers general safety, workplace safety and first aid

ELECTRICAL/ELECTRONIC SYSTEMS

Studies the principles of electricity through operations and testing procedures; introduction to electronics

WORKPLACE SKILLS

Covers workplace skills such as personal effectiveness, time management, team work and critical thinking

HYDRAULICS

Principles of basic hydraulics

SUSPENSION & STEERING (PLUS SERVICE)

Covers types of steering and suspensions

BRAKES

Covers components and types of braking systems

DIESEL PREVENTATIVE MAINTENANCE

Learn to perform inspections and maintenance on diesel vehicles and equipment

SHOP SKILLS & SAFETY FUNDAMENTALS

Learn to safely work with equipment in diesel facility

ADVANCED ELECTRICAL/ELECTRONIC SYSTEMS

Proper use of wiring schematics to troubleshoot electrical systems on light through heavy vehicles

DRIVE TRAINS

Covers the characteristics and principles of power train units including diesel drive trains and drive shafts

DIESEL ENGINES I

Introduces theory of engine operation and use of mechanical components

ADVANCED DIESEL ENGINES

Covers principles of various engine systems

ENGINE PERFORMANCE

Provides theory, diagnosis and service of diesel fuel and emission systems

DRIVE TRAINS II

Covers automatic transmission and torque converters, clutches, drive axles and special drives

AUXILIARY POWER UNITS/REFRIGERATION

Covers the purpose/operation of auxiliary power units

SCANNER DIAGNOSTICS

Covers aftermarket diagnostic equipment and tools



APPLICATION CHECKLIST



MEET WITH ADMISSIONS



TAKE ACCUPLACER*



SUBMIT TRANSCRIPT(S)



PAY ENROLLMENT FEE (ADULT ONLY)

2023-2024 PROGRAM COSTS (Estimated)

	HIGH SCHOOL	ADULT
Enrollment fee	\$0	\$50
Tuition	*\$152	\$7,296
All other fees	\$196	\$1,665
TOTAL	\$348	\$9,011

*Tiered courses are paid by Excel in CTE. Non-tiered courses are paid by the student.

ADDITIONAL CHARGES** (Estimated)

	HIGH SCHOOL	ADULT
Tools/Books	\$997	\$997

COST NOTE

**A list of required tools/books is on a separate sheet of paper and on our website, WashburnTech.edu. Students also will need to purchase supplies such as (but not limited to) pens/pencils, notebooks/paper, three-ring binder, etc. Students may purchase them at the vendor of their choice.

MORE INFO »

For more programs, enrollment and course schedule information, please contact Admissions. Financial Aid is available to those who qualify.

CALL 785.670.2200

TO TALK W/ ADMISSIONS COUNSELOR