



TURN YOUR ENTHUSIASM FOR  
CARS + ENGINES INTO A CAREER

# Automotive Technology

[TRANSPORTATION]



Washburn Tech is so much more than what we traditionally call “a car mechanic school.” Today’s auto service technicians know the sophisticated technology behind each vehicle and stay current as new technologies emerge. They diagnose, adjust, repair or overhaul all types of vehicles.

### LEARNING AT WASHBURN TECH

Washburn Tech provides training that uses high-tech diagnostic and repair tools on a fleet of late-model vehicles in a new, cutting-edge facility. Instruction includes basic theory and familiarization of automotive components, engine repair and performance, steering and suspension, automatic and manual transmission, brakes and electricity/electronics. The program is nationally certified and includes both classroom and hands-on learning. Attending full-day, you can complete the program in two semesters, while half-day students can finish in four semesters. Upon completion, students can earn a 52-credit-hour technical certificate and be eligible to complete an associate degree or more advanced degrees at Washburn University.

### JOB AND SALARY OUTLOOK

Employment projections are better for technicians who have an automotive

technician education, as provided by colleges such as Washburn Tech. According to the Kansas Department of Labor, the average entry-level salary in this field in 2022 was \$13.72 an hour or \$28,540 annually. The average was \$20.22 an hour or \$42,060 annually.

### ENTRY REQUIREMENTS

Students are required to score a minimum of 4 in both math and reading on the Accuplacer. Other assessments or college coursework can be accepted in place of Accuplacer. See an admissions counselor for details. You also must complete an application and submit transcripts.

### CERTIFICATIONS

- + ASE Brakes; ASE Engine Performance
- + ASE Electrical/Electronic Systems
- + ASE Suspension & Steering
- + ASE Automatic Transmission/Transaxle
- + ASE Manual Drive Trains
- + ASE Engine Repair; ASE Heating & Air



## Build your best self.

TALK TO AN ADMISSIONS COUNSELOR TODAY!

785.670.2200

### CAREERS IN TRANSPORTATION »

- + auto repair
- + auto parts
- + auto marketing
- + auto machinist
- + fleet maintenance
- + body repair
- + sales representative
- + estimator

## COURSE DESCRIPTIONS

### ENGINE OVERHAUL

Introduction to the concepts and skills necessary to diagnose and overhaul automotive engines

### ENGINE MECHANICAL DIAGNOSIS

Covers diagnostic theory, process and testing

### AUTO TRANSMISSION/TRANSAXLE I

Introduction to automatic transmission

### MANUAL TRANSMISSION I

Introduction to manual transmission

### SUSPENSION & STEERING I

Introduces steering and suspension systems

### BRAKES I & II

Basic introduction to automotive brake technology

### ELECTRICAL I

Complete service work orders; explore the relationship between voltage, ohms and amperage; perform basic electrical circuit repairs; identify electrical system faults

### ELECTRICITY/ELECTRONICS I

Builds on skills developed in Electrical I

### HEATING/AIR CONDITIONING I

Provides a solid foundation in auto heating and air

### ENGINE PERFORMANCE I

Covers fuel system theory and ignition theory

### ENGINE PERFORMANCE II

Builds on skills developed in Engine Performance I

### AUTO TRANSMISSION/TRANSAXLE II

Builds on skills developed in Transmission I

### MANUAL TRANSMISSION II

Builds on skills developed in Manual Transmission I

### SUSPENSION & STEERING II

Advanced application of Suspension & Steering I

### ELECTRICITY/ELECTRONICS II

Builds on prior knowledge

### HEATING/AIR CONDITIONING II

Builds on prior knowledge

### ENGINE PERFORMANCE III

Builds on prior knowledge



## 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        | *FREE        | \$7,904         |
| All other fees | \$341        | \$2,145         |
| <b>TOTAL</b>   | <b>\$341</b> | <b>\$10,099</b> |

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

### ADDITIONAL CHARGES\*\* (Estimated)

|             | HIGH SCHOOL | ADULT |
|-------------|-------------|-------|
| Tools/Books | \$698       | \$698 |

### 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 binders, 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**