



TURN YOUR ENTHUSIASM FOR
CARS + ENGINES INTO A CAREER

WASHBURN TECH
UNIVERSITY

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. According to the Kansas Department of Labor, the average entry-level salary in this field in 2024 was \$16.03 an hour or \$33,346 annually. The average was \$24.05 an hour or \$50,021 annually, and the experienced wage was \$28.06 an hour or \$58,358.

ENTRY REQUIREMENTS

For dual-credit high school students submission of an application, official partial transcript, and consent to enroll form are required. Adult students must complete an application and submit an official copy of all transcripts. Please see an admissions counselor for details.

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

MANUAL TRANSMISSION I

Introduction to manual transmissions

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

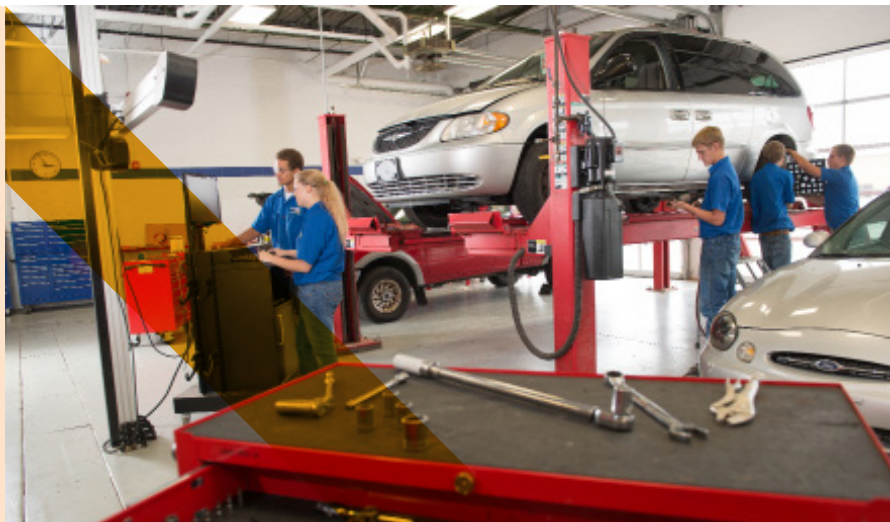
Builds on prior knowledge

HEATING/AIR CONDITIONING II

Builds on prior knowledge

ENGINE PERFORMANCE III

Builds on prior knowledge



APPLICATION CHECKLIST



**SUBMIT
APPLICATION**



**MEET WITH
ADMISSIONS**



**SUBMIT
TRANSCRIPT(S)**



**ENROLL IN
CLASSES**

2025-2026 PROGRAM COSTS (Estimated)

| | HIGH SCHOOL | ADULT |
|----------------|--------------|-----------------|
| Tuition | FREE | \$8,580 |
| All other fees | \$397 | \$2,528 |
| TOTAL | \$397 | \$11,108 |

ADDITIONAL CHARGES (Estimated)

| | HIGH SCHOOL | ADULT |
|-------------|-------------|-------|
| Tools/Books | \$227 | \$227 |

The Washburn Tech Automotive Technology program is in alignment with the National Center for Education Statistics (NCES) CIP Code 47.0604: Automobile/Automotive Mechanics Technology/Technician. A program that prepares individuals to apply technical knowledge and skills to repair, service, and maintain all types of automobiles. Includes instruction in brake systems, electrical systems, engine performance, engine repair, suspension and steering, automatic and manual transmissions and drive trains, and heating and air condition systems.

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