

# AUTO SERVICE TECHNICIAN



can finish in four semesters. Upon completion, you will 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 for an auto service technician in 2015 was \$12.47 an hour or \$25,934 annually. The average wage was \$18.57 an hour or \$38,627 annually.

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. Prepare for the challenges of this field while putting your career on the road to success.

## 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. Snap-on tools and tool boxes are provided by Washburn Tech. Attending full-day, you can complete the program in two semesters, while half-day students

## Entry Requirements

Students are required to take the ACT WorkKeys and score a minimum of 4 in both Reading and Math. Students must complete an application and submit an official copy of transcripts.

## Certifications

- ASE Student
- SP/2 (Safety/Pollution Prevent.)
- MACS 609
- Snap-on EEDM-525 Multimeter
- Snap-on Verus Diagnostic
- OSHA-10

### CONTACT US:

785.670.2200  
877.588.7140

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

**Washburn University Institute of Technology**

5724 SW Huntoon St., Topeka, Kansas 66604 | 785.670.2200 | [washburntech.edu](http://washburntech.edu)



# AUTO SERVICE TECHNICIAN

## Course Descriptions

**Engine Overhaul:** introduction to the concepts and skills necessary to diagnose/overhaul automotive engines

**Engine Mechanical Diagnosis:** involves diagnostic theory, process, and testing as well as practicing major component replacement

**Auto Transmission/Transaxle I:** basic introduction to automatic transmission found in the industry

**Manual Transmission I:** introduction to the manual transmission found in the industry

**Suspension & Steering I:** introduces steering and suspension systems

**Brakes I:** basic introduction to automotive brake technology

**Electrical I:** complete service work orders; describe the relationship between voltage, ohms and amperage; perform basic electrical circuit repairs; identify electrical system faults; identify basic wiring diagram symbols, components and legend information; perform basic electrical circuit measurements using a DVOM; describe basic circuit characteristics of series, parallel and series parallel circuits

**Electricity/Electronics I:** builds on the skills developed in Electrical I

**Heating/Air Conditioning I:** provides a solid foundation in automotive heating and air conditioning

**Engine Performance I:** covers fuel system theory and ignition theory in addition to engine mechanical integrity

**Engine Performance II:** builds on Engine Performance I

**Auto Transmission/Transaxle II:** builds on Auto Trans/Transaxle I

**Manual Transmission II:** advanced application of knowledge and hands-on skills acquired in Manual Drive Train & Axles I

**Suspension & Steering II:** advanced application of knowledge and hands-on skills acquired in Suspension & Steering I

**Brakes II:** builds on prior knowledge

**Electricity/Electronics II:** builds on prior knowledge

**Heating/Air Conditioning II:** builds on prior knowledge

**Engine Performance III:** advanced course building on prior knowledge

## CHECKLIST

Meet with a recruiter

Take ACT WorkKeys\*

Submit transcript(s)

Pay enrollment fee

\*some exceptions apply

## TOTAL 2017-2018 PROGRAM COSTS (ESTIMATED) - HIGH SCHOOL

|                |                |
|----------------|----------------|
| Enrollment fee | \$20           |
| Tuition        | FREE           |
| All other fees | \$1,841        |
| <b>TOTAL</b>   | <b>\$1,861</b> |

## ADDITIONAL ESTIMATED CHARGES

|             |      |
|-------------|------|
| Added Cost* | \$10 |
|-------------|------|

## TOTAL 2017-2018 PROGRAM COSTS (ESTIMATED) - ADULT

|                |                |
|----------------|----------------|
| Enrollment fee | \$50           |
| Tuition        | \$6,552        |
| All other fees | \$1,766        |
| <b>TOTAL</b>   | <b>\$8,368</b> |

## ADDITIONAL ESTIMATED CHARGES

|             |      |
|-------------|------|
| Added Cost* | \$10 |
|-------------|------|

\* 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.

