AUTO SERVICE TECHNICIAN

Washburn Tech is so much more than what we traditionally call “a car mechanic school” in Kansas. 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. Our newly-remodeled automotive lab prepares you for these challenges and puts your career on the road to success.

Learning at Washburn Tech
Gain the knowledge and skills to repair, service and maintain all types of vehicles! Unlike auto repair schools in the past, 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 and high school students 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. The U.S. Department of Labor expects the job market to hold steady. According to the Kansas Department of Labor, the average entry-level salary for an auto service technician in 2013 was $12.25 an hour or $25,485 annually. The average wage was $15.62 an hour or $32,491 annually.

Entry Requirements
You are required to take the WorkKeys exam and score a minimum of 4 in both Reading and Math. You also must complete an application and submit transcripts.

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

For more program, enrollment, and course schedule information please contact Admissions. Financial Aid is available to those who qualify.
Washburn Institute of Technology • 5724 SW Huntoon St. • Topeka, Kan. 66604
785.228.6315 or 877.588.7140 • WashburnTech.edu

CONTACT US:
785.228.6315
877.588.7140
WashburnTech.edu
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 transmissions/transaxle systems

**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/Transaxles 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 acquired in Steering & Suspension 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

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**TOTAL 2015-2016 PROGRAM COSTS (Estimated) - HIGH SCHOOL**

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<th>Item</th>
<th>Cost</th>
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<tr>
<td>Enrollment fee</td>
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<td>Tuition</td>
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<td>All other fees</td>
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<td>TOTAL</td>
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<tr>
<td>Tools/Books Provided by Washburn Tech</td>
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<td>Added Cost*</td>
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**TOTAL 2015-2016 PROGRAM COSTS (Estimated) - ADULT**

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*Students 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.

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**CHECKLIST**

- [ ] Meet with recruiter
- [ ] *Take ACT WorkKeys
- [ ] Submit transcript(s)
- [ ] Pay enrollment fee

*some exceptions apply

Washburn University prohibits discrimination on the basis of race, color, sex, religion, age, national origin, ancestry, disability, marital or parental status, sexual orientation/gender identity, genetic information, or other non-merit reasons, in University programs and activities, admissions, educational programs or activities, and employment, as required by applicable laws and regulations. The following person has been designated to handle inquiries regarding the non-discrimination policies: Dr. Pamela Foster, Equal Opportunity Director, Washburn University, 1700 SW College Ave, Topeka, Kansas 66621, 785.670.1509, eodirector@washburn.edu