AUTOMOTIVE TECHNOLOGY, AAS

Inclusion and Belonging

Scientific Reasoning and Literacy

The Automotive Technology AAS degree offers students a well-equipped modern facility with a fleet of late-model vehicles. Content includes the major systems on domestic, European, and Asian vehicles. Completion of the program prepares students for entry level positions as automotive technicians. The program is certified by the National Technicians Education Foundation (NATEF), an affiliate of the National Institute for Automotive Service Excellence (ASE). NATEF certification signifies that the program meets uniform national standards for instructional facilities, equipment, staff credentials, and curriculum. This program will offer students preparation to test for the industry-recognized credentials listed below.

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.

Program Information

- Program Start, technical coursework (semesters): August; January
- Industry-recognized credentials: 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 Conditioning

Degree Requirements

In addition to the requirements stated below, students must complete all requirements for an Associate of Applied Science (https://catalog.washburn.edu/washburn-institute-technology/programs-technical-certificates-graduation-requirements/aas-degrees/) degree. Completion of the courses below will fulfill the general education requirements for the degree. Please see your advisor for more information.

Code	Title	Hours
Required Certificate		
Washburn Tech Automotive Technology Technical Certificate C		
Required General Education Courses		
EN 101	Introductory College Writing	3
MA 112	Contemporary College Mathematics (or higher)	3
At least 9 hours of additional general education courses from three of the following areas, and from at least three different disciplines:		9
	Communications	
	Natural Sciences	
	Social Sciences	
	Arts and Humanities	