

AUTOMOTIVE TECHNOLOGY - CERT C

The Automotive Technology program 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 (semesters): August; January
- Financial Aid available (for post-secondary students only): Yes
- Veteran Benefits Eligible (for post-secondary students only): Yes
- 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

Certificate Requirements

| Code | Title | Hours |
|--------------------|--------------------------------|-----------|
| AUT 111 | Engine Overhaul | 3 |
| AUT 130 | Manual Transmission I | 2 |
| AUT 140 | Suspension and Steering I | 3 |
| AUT 145 | Suspension and Steering II | 3 |
| AUT 150 | Brakes I | 3 |
| AUT 155 | Brakes II | 4 |
| AUT 161 | Electrical I | 3 |
| AUT 162 | Electricity/Electronics I | 2 |
| AUT 165 | Engine Mechanical Diagnosis | 2 |
| AUT 170 | Heating - Air Conditioning I | 2 |
| AUT 181 | Engine Performance I | 3 |
| AUT 182 | Engine Performance II | 3 |
| AUT 205 | Auto Transmission/Transaxle I | 2 |
| AUT 215 | Auto Transmission/Transaxle II | 2 |
| AUT 230 | Manual Transmission II | 2 |
| AUT 260 | Electricity/Electronics II | 6 |
| AUT 270 | Heating - Air Conditioning II | 2 |
| AUT 281 | Engine Performance III | 5 |
| Total Hours | | 52 |