

Automotive Technology

- **Associate of Technical Science Degree**
- **Certificate of Completion**

The automotive technology program is designed to prepare students for a career in the automotive repair field. It combines theory classes with practical shop work to properly train students for entry-level into the automotive industry.

Automotive Service Excellence (ASE) certification through National Automotive Technicians Education Foundation (NATEF) evaluation ensures that certified training programs meet or exceed industry-recognized, uniform standards of excellence. Graduates of the program will have achieved competencies based on ASE tasks. Student achievement will be based upon demonstrated performance ability and testing in all required areas, which promotes individualized instruction.

Prior to enrollment in the automotive technology program, students must achieve appropriate scores on the placement test that will qualify them for MATH 093 or higher (or have completed MATH 090), OCED 101 and OCED 102. Additionally, students must have a valid driver’s license and a qualifying interview with one of the automotive program instructors during which they will also take a mechanical aptitude test. Students must pass each automotive course and supporting courses with a grade of “C” (2.0) or better to remain in the program and to be eligible to receive the associate of technical science degree.

Students may elect to use a set of tools provided by WVC (for a \$75 deposit) while they acquire their own set of tools. Safety glasses and coveralls are required for all students.

Core program courses may have prerequisite requirements. English and mathematics courses require qualifying assessment scores or acceptable preparatory coursework in those subjects. See course descriptions for details.

For more information about graduation rates, the median debt of students who completed the program and other important information, visit www.wvc.edu/autotech.

Suggested Course Sequence: Associate of Technical Science Degree and Certificate Program

Offered at Wenatchee campus

First Year

Fall Quarter

	Credits
AUTO 100 Shop Procedures.....	1
AUTO 110 Electrical Systems.....	4
AUTO 112 Engine Repair.....	3
AUTO 113 Engine Performance	4
OCED 101* Technical Reading	5

Winter Quarter

AUTO 114 Automatic Transmission/Transaxles.....	4
AUTO 115 Manual Drivetrains	4
AUTO 116 Suspension Steering and Alignment	4
OCED 102* Writing in the Workplace/ Technical English or higher.....	5

Spring Quarter

AUTO 117 Brakes	4
AUTO 118 Heating and Air Conditioning	4
BCT 116 Professional Work Relations.....	3
HLTH 051 First Aid and CPR.....	1
MATH 093* Pre Algebra or higher	5

Total Credits for Certificate 51

Second Year

Fall Quarter

	Credits
AUTO 210 Advanced Electrical Systems	4
AUTO 213 Advanced Engine Performance.....	8
Elective.....	5

Winter Quarter

AUTO 212 Advanced Engine Repair	4
AUTO 217 ABS/Brakes/Scanners.....	4
AUTO 219 Engine Driveability	4
AUTO 296** Cooperative Work Experience.....	5

Spring Quarter

AUTO 220*** Advanced Technical Practices.....	12
WELD 128 Basic Welding.....	3

Total 49
Total Credits for Degree 100

**Placement score required.*

***Cooperative Work Experience can be taken any quarter with instructor’s permission.*

****More in-depth training (study) in any offered automotive area to satisfy AUTO 220.*