

Automotive Technology

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

The automotive technology program is designed to prepare you for a career in the automotive repair field. It combines theory classes with practical shop work to properly train you 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. Your 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, you must achieve appropriate scores on the placement test that will qualify you for MATH 100 (or have completed MATH 096), READ 100 and ENGL 100. Additionally, you must have a qualifying interview with one of the automotive program instructors during which you will also take an automotive fundamentals assessment. 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 sciences degree.

You may elect to use a set of tools provided by WVC (for a \$75 deposit) while you acquire your own set of tools.

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
READ 100*	Technical Reading.....	5

Winter Quarter

AUTO 114	Automatic Transmissions.....	4
AUTO 115	Manual Drive Trains/Axles.....	4
AUTO 116	Suspension and Steering	4
ENGL 100*	Writing in the Workplace.....	5

Spring Quarter

AUTO 117	Brakes	4
AUTO 118	Heating and Air Conditioning.....	4
BIT 116	Professional Work Relations.....	3
HLTH 051	Basic First Aid	1
MATH 100T*	Technical Math	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

*Assessment 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.