



Automotive Technology Pathway

The Automotive Technology Pathway is a great program for students who have an interest in maintaining and repairing the vehicles we use every day. **Students who complete 2 credits in this pathway will meet state ELA and Math testing requirements, and...**

- Obtain industry recognized Automotive Service Excellence (ASE) certifications.
- Learn by working on actual vehicles in an automotive shop environment.
- Earn college credits which can be applied directly into partner college programs.
- Participate in skill competitions and leadership events through Skills USA.
- Meet English and/or 3rd year Science requirements through their Pathway courses.

This CTE Pathway is a great fit for students who...

- ✓ Enjoy projects where they work with their hands and use tools.
- ✓ Enjoy learning by assembling, taking apart and fixing things.
- ✓ Feel comfortable in a shop environment.
- ✓ Have an interest in mechanical work and the Automotive Technology profession.

Start Your Pathway with 2 or more credits of Pathway courses

Then, After You Have Finished High School...

Finally, Begin Your Career!

Sample Plan for Career and College Readiness in this Pathway	
Grade 9	
English	
Math	
Science	
World History 9	Health
PE	Art
Elective	Auto Basics
Grade 10	
English	
Math	
Social Studies	
Science	
PE	Art
Elective	Elective
Grade 11	
English	
Math	
US History	
Science	
Auto Technology	
Auto Technology	
Grade 12	
English	
Sr. Social Studies	
Personal Finance	PE
Elective	Elective
Advanced Auto Technology	
Advanced Auto Technology	

Apply college credits earned in this Pathway directly into these partner college programs:

Lake WA Institute of Technology

- Auto Repair Technician Certificate program
- General Service Technician Certificate program

Shoreline Community College

- General Service Technician program.
- Honda, GM, and Toyota AAS programs

Continue your training in another college program such as:

Universal Technical Institute

- Automotive Service Technician Training program

Jobs you can after graduation with this High School training:

Aircraft Assemblers
Tire Repairer and Changers

Jobs you can get with 2-Years Post-High School Training:

Automotive Service Technicians and Mechanics
Bus and Truck Mechanics
Aircraft Mechanics and Service Technicians

Jobs you can get with 4 or more Years Post-High School Training:

Engineers (multiple areas)

For more information on these and other occupations related to this pathway, visit

<http://careerbridge.wa.gov/>



Pathway Courses and Descriptions

Pathway Courses	Grades	Length	Equivalencies	EWHS	MHS	LHS	MTHS	SLHS
Auto Basics*	9-12	.5 credit, Semester	None		✓			
Automotive Technology*	10-12	2 credits, Full year	1 credit English and/or Science	ID	✓	ID	ID	ID
Advanced Automotive Technology*	11-12	2 credits, Full year	1 credit Science	ID	ID	ID	ID	ID

✓ *Course is available at this school* ID = Intra-District Course * College Credit Available

AUTOMOTIVE BASICS

IAR110 (Semester)
Grades 9-12

In this introductory course, students gain an understanding of today's automobile including principles of operation, automotive terminology, and consumer information on repairs and purchasing. Perform basic maintenance and minor repairs. Classroom work will be supplemented with lab sessions covering tool usage and miscellaneous hands-on projects. **Students can earn college credit through this course.**

AUTO TECHNOLOGY (Intra-District)

VOC327/328 (Yearlong, 2 period block)
Grades 10-12

Intra-District Program: Located at Meadowdale HS, period 1/2 block or 5/6 block class. Students from all District high schools may attend this program. District bus transportation is provided. Shared Student Form required for registration.

Equivalency: 1 credit English and/or 3rd year Science

Learn about automotive systems and their relationships, theory, component identification, and diagnosis. This class connects with community college programs which offer further professional training leading to a career as an Automotive Technician. **Students can earn college credit through this course.**



AUTO TECHNOLOGY, ADVANCED (Intra-District)

VOC336/337 (Yearlong, 2 period block)
Grades 11-12

Intra-District Program: Located at Meadowdale HS, period 1/2 block or 5/6 block class. Students from all District high schools may attend this program. District bus transportation is provided. Shared Student Form required for registration.

Equivalency: 1 credit Science

Prerequisite: Automotive Technology

This class covers automotive electronics, brakes, engine performance, steering and suspension, engine computer control systems and automotive diagnostics. Students may earn industry recognized ASE Certifications and participate in leadership competitions through SKILLS USA. **Students can earn college credit through this course.**

