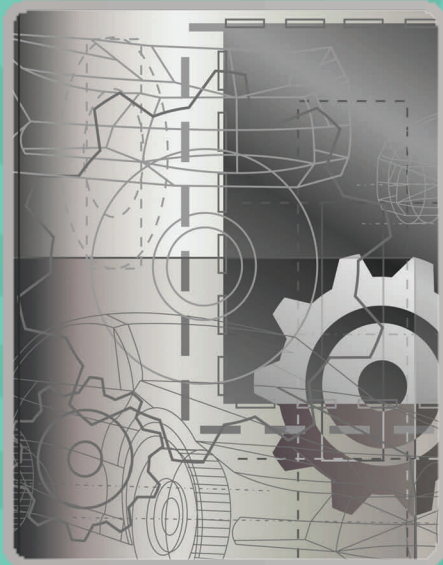


This SHS program of study in partnership with Bates Technical College focuses on automotive maintenance. The NATEF (National Automotive Technicians Education Foundation) certified courses provide students with hands-on training in the automotive field. A background in math and computer skills is helpful for success in this changing field. Advanced students have the opportunity to gain industry certification in brakes, electrical systems, engine performance, and suspension and steering. Internships, educational and job placement opportunities are available to successful students.



## Post-secondary Partners

- Bates Technical College
- Clover Park Technical College
- Green River Community College
- Highline Community College
- Pierce College District
- Pierce County Careers Connection
- Renton Technical College
- South King County Tech Prep
- Tacoma Community College



**Sumner School District**  
*...a great place to learn!*

Career and College Readiness  
1202 Wood Avenue  
Sumner, WA 98390  
(253) 891-6062

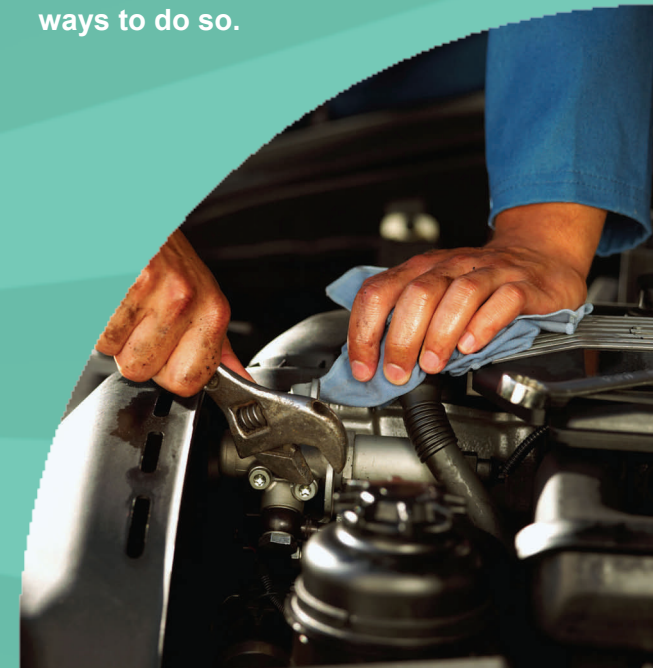
The Sumner School District complies with all federal and state rules and regulations and does not discriminate on the basis of race, color, national origin, gender, or disability in education programs, services and activities. Inquiries regarding compliance and/or grievance procedures may be directed to Debra Barlow, the school district's Title IX/RCW 28A.640 officer and Section 504/ADA coordinator, in writing at 1202 Wood Avenue, Sumner, or by telephone (253) 891-6000.

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## ***Automotive and Mobile Equipment Maintenance***

Careers in the Automotive and Mobile Equipment Maintenance pathway include the maintenance, repair, and servicing of vehicles and transportation facilities, as well as the refueling of mobile equipment. All transportation relies on equipment which must function as designed, whenever needed. The people in this pathway keep the equipment and machinery running while looking for more efficient, safe, and cost-effective ways to do so.





# PROGRAM OF STUDY: Sumner School District

Cluster: Transportation, Distribution and Logistics

Pathway: Automotive & Mobile Equipment Maintenance

*This Program of Study, along with other career planning materials, can serve as a guide as learners continue on a career path. Courses listed are only recommended and plans should be individualized to meet each learner's educational and career goals. Students should recognize that these are guidelines only and post-secondary requirements may change.*

	Year	English	Math	Science	Other Required Courses	Career Focus Area Courses	Sample Occupations Relating To This Pathway
<b>SECONDARY</b>	9	9 <sup>th</sup> Grade English	Algebra	Physical Lab Science	Career & Tech (Occupational Ed) Health & Fitness	<b>Advanced Automotive</b>  <b>Entrepreneurship</b>  <b>Intro to Automotive</b>  <b>Intro to Business &amp; Marketing</b>  <b>Personal/ Business Finance</b>  <b>Technology Foundations</b>  <b>World Language (year I and II)</b>	<b>Requiring Less than a Baccalaureate degree</b> <ul style="list-style-type: none"> <li>Automotive Service Technicians and Mechanics</li> <li>Automotive Master Mechanics</li> <li>Automotive Specialty Technicians</li> <li>Bus and Truck Mechanics and Diesel Engine Specialists</li> <li>Motorcycle Mechanics</li> <li>Bicycle Repairers</li> <li>Aircraft Mechanics and Service Technicians</li> <li>Airframe Mechanics</li> <li>Power plant Mechanics</li> <li>Aircraft Engine Specialists</li> </ul>
	10	10 <sup>th</sup> Grade English	Geometry	Biology Chemistry or Physics	US History or Social Studies Elective  Fine, Visual or Performing Arts		
	11	11 <sup>th</sup> Grade English	Advanced Algebra or <b>Financial Math</b>		Social Studies Elective or US History  Fitness Elective		
	12	12 <sup>th</sup> Grade English	<b>Financial Math</b> or Pre-Calculus		Contemporary World		
<b>Washington State History &amp; Tech Competency. Include in high school plan if requirement not met in middle school</b>							<b>Requiring Baccalaureate Degree</b> <ul style="list-style-type: none"> <li>Facility maintenance manager and engineer</li> <li>Mobile maintenance manager</li> <li>Industrial Equipment Mechanics</li> <li>Industrial Electricians</li> <li>Electrical/Electronic Technicians</li> <li>Aerospace Engineering and Operations Technicians</li> </ul>
Secondary Leadership and Employability Standards are included.							
Contact postsecondary institutions directly for complete program options and requirements.							
<b>POST-SECONDARY</b>	Year 13/14	<b>Bates:</b> Automotive Mechanic <b>Clover Park:</b> Automotive Technician <b>Green River:</b> Automotive Technology <b>Renton Technical:</b> Automotive Service Technician-ITEC, Auto Body Repair and Refinishing, Automotive Technology, Ford ASSET					
	Year 15/16	<b>EWU:</b> Mechanical Engineering Technology <b>WWU:</b> Industrial Design <b>CWU:</b> Mechanical Engineering Technology <b>WSU:</b> Mechanical Engineering <b>UW:</b> Mechanical Engineering					

Sumner School District graduation requirements, dual credit courses, required for 4-year colleges