

Automotive Services

Career Cluster Description: The manufacturing career cluster prepares learners to enter an industry which includes planning, management, and movement of people, materials, and goods by road, pipeline, air, rail, and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

Major Options

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|-----------------------------------|----------------------------------|---------------------------------|---------------------------------------|
| • Aircraft Mechanic | • Agriculture Equipment Repairer | • Diesel Mechanic | • Locomotive Engineers and Conductors |
| • Automotive Technician | • Bus & Heavy Truck Technician | • Heavy Equipment Mechanic | • Marine Mechanic |
| • Automotive Specialty Technician | • Career & Technology Teacher | • Heavy Equipment Operator | • Transportation Operations Manager |
| • Automotive Parts Specialist | • Civil Engineers | • Industrial Equipment Mechanic | • Small Engine Equipment Technician |
| • Automotive Body Repairer | • Customer Service Manager | • Locomotive Mechanic | • School Bus Driver |

Grade 9		Grade 10		Grade 11		Grade 12	
S1	S2	S1	S2	S1	S2	S1	S2
English 1	English 1	English 2	English 2	English Elective	English Elective	English Elective	English Elective
Physical Science	Physical Science	Biology	Biology	Science Elective	Science Elective	Science Elective	Science Elective
Civics	Health	World History	World History	U.S. History	U.S. History	U.S. Govern.	AK History
Algebra I	Algebra I	Geometry	Geometry	Algebra 2	Algebra 2	Advanced Math	Advanced Math
P.E.	P.E.	Elective	Elective	Personal Finance	Entrepreneurship	Automotive Service Tech 3**	Automotive Service Tech 4**
Intro to Career Pathways	Customer Service	Electronics 1	Intro to Auto or Small Engines 1	Automotive Service Tech 1**	Automotive Service Tech 2**	Automotive Service Tech 3**	Automotive Service Tech 4**
Elective	Elective	Elective	Elective	Elective	Elective	Co-op Work Experience	Co-op Work Experience
Work-Based Learning Opportunities				Career-Technical Student Organizations (CTSO)		Certifications	
<ul style="list-style-type: none"> Apprenticeship Cooperative Education Job Shadowing 		<ul style="list-style-type: none"> Paid/Unpaid Internship School-Based Enterprise Service Learning 		<ul style="list-style-type: none"> SKILLS USA 		One year experience credit towards 2 required for ASE certification (4 areas of expertise) upon completion of Automotive Svc Tech 4. Snap On ASE Entry Level Certifications Safety and Pollution Prevention Training (S/P2) EETC (Small Engines) Polaris (Small Engines)	

POSTSECONDARY OPTIONS

Two-Year College or Proprietary Programs	Adult Registered Apprenticeships	Four-Year College and University Programs	Certifications	Licenses, On The Job Training, Training Certificates, etc.
<ul style="list-style-type: none"> Automotive Technician Bus & Heavy Truck Tech Small Engine Equip Tech Diesel Mechanic 	<ul style="list-style-type: none"> Diesel Mechanic Heavy Equipment Mechanic Heavy Equipment Operator Industrial Equipment Mechanic 	<ul style="list-style-type: none"> Career & Tech Teacher Civil Engineers 	<ul style="list-style-type: none"> Automotive Service Excellence (ASE) Automotive Technician ASE Truck Technician ASE Bus Technician 	<ul style="list-style-type: none"> Entrepreneurs School Bus Driver Locomotive Mechanic Automotive Parts Specialist

*College Credits may be available. [Click here for details.](#)

