

Course Name: CAR-WISE	District Name: _____
Adapted from: _____	Developed by: _____
Date: _____	

EED USE ONLY	Date: _____
Approval Status: _____	

Prerequisite Course(s): None **Gr. 10, 11, or 12**
High School Credit = **Credits, 1 hour, semester class** **This course will be offered:** every year? **OR** every other year?
Pathway): Facility and Mobile Equipment Maintenance **Career Cluster Area:** Transportation, Distribution, and Logistics
Eligibility for Nationally Recognized Skill Certificate(s)/State License? No **OR** Yes
 If Yes, identify Certificate(s):
Tech Prep: No **OR** Yes
 If Yes, (1) List Postsecondary Institution _____
 (2) Name of Course _____ And the number of postsecondary credits
Is this course brokered through another institution or agency? No **OR** Yes
 If Yes list institution/agency: _____

Course Description: Car-Wise is a basic car maintenance class for the non-technical student. It will enable anyone to understand the basic systems of their car and perform essential maintenance and service.

Content Headings:

Careers, Safety, Lubrication, Fuel Systems, Cooling Systems, Electrical Systems, Tires and Suspension, Engine, Brakes, Drive train, Emissions

Source of Occupational Skills Standards

Source/Organization/Agency	Acronym	Website or location of Information	Section, Chapters referenced in Performance Standards etc
National Automotive Technician Education Foundation	NATEF	http://www.natef.org	General Service Technician (GST) 2003 Task List and Assumptions (TLA) Vehicle Service (VS) Electricity/Electronics (EE) Engine Repair (ER) Engine Performance (EP)
National Institute for Automotive Service Excellence	ASE	http://www.asecert.org	

Student Performance Standards (Learner Outcomes)	Specific Occupational Skills Standards	Alaska Reading, Writing, Math, Science Performance Standards	Alaska Content Standards	Alaska Employability Standards	Alaska Cultural Standards	All Aspects of Industry	Assessments
1. Student will practice safe work habit to protect themselves and others from hazards.	GST Skills: TLA p1-2	R4.1,4.4 W4.3	SHLA2 B1, EA6	A6.A7	B4	Health and Safety	Written test Observation

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Student Performance Standards (Learner Outcomes)	Specific Occupational Skills Standards	Alaska Reading, Writing, Math, Science Performance Standards	Alaska Content Standards	Alaska Employability Standards	Alaska Cultural Standards	All Aspects of Industry	Assessments
2. Student will identify, locate, properly use, and store tools and shop equipment.	GST Skills: TLA p1	R4.1, 4.4 W4.3	Tech A4	A1,A2	B3	Health and Safety	Written test, observation
3. Student will make accurate and precise measurements with mechanical and electrical measuring tools.	GST Skills: TLA p1	R4.1,4.4 W4.3,A24.3 A2.4.1,A2.4.2	Tech A4	A1,A2	B3	Tech Prod.	Written test, observation
4. Student will locate and use technical information sources.	GST Skills: TLA p1	R4.1,4.4 W4.3	Tech A1,B2	A1,A2	B3	Tech Prod.	Written test, Observation
5. Student will demonstrate knowledge of fasteners	GST Skills:	R4.1, 4.4 W4.3	Tech A5	A1,A2	B3	Tech Prod.	Written test, Observation
6. Student will demonstrate knowledge of career opportunities in automotive technology	GST Skills: TLA p1	R4.4	Tech B1,B2,C1	A1,3,5,7 B1-5	B3, D6 E4	All	Presentation
7. Student will demonstrate competency performing industry accepted standard practices for automotive system maintenance and repair.	GST Skills: TL intro 22-25 VS 1-11 ER 1-3 MT 1,8 SS 2,5,6,12-18 BR 1,10,22,23-25 EE 1-7,15-20,26,28 EP 1.6,8,12	R4.1, 4.4 W4.3	Tech A1,A5 Sci:A1,A6 A8	A1,A2	B3	Tech Prod.	Written test, Observation

Major Instructional Resources: (websites, textbooks, essential equipment, reference materials, supplies)

WEBSITES

Career Clusters Resources
 All Aspects of Industry
 Alaska Employability Standards
 SCANS Skills

<http://www.careerclusters.org/>
http://www.nww.org/qwbl/tools/kcktoolkit/Tools/Tool_2.PDF
http://www.eed.state.ak.us/qschools/Employability_Standards.html
<http://www.mfglinks.org/scans.htm>

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Alaska Cultural Standards
 Alaska Reading, Writing, and Math Standards
 Alaska Content Standards
 Skills USA-VIC A

<http://www.ankn.uaf.edu/stustan.html>
<http://www.eed.state.ak.us/tls/PerformanceStandards/>
<http://www.eed.state.ak.us/contentstandards/home.html>
<http://www.skillsusa.org/>

TEXTS

AUTO UPKEEP: Basic Car Care
Michael E. Gray