Anoka-Hennepin Secondary Curriculum Unit Plan

Department:	Career and Technical Education	Course:	Advanced Automotive I: Brakes	Unit 6 Title:	Resource Management	Grade Level(s):	11-12
Assessed Trimester:		Pacing:		Date Created:		Last Revision Date:	11/2014

Course Understandings: *Students will understand that:*
- The policies and procedures that are established and governed by the automotive industry.
- Sequential principles and apply theories in mechanics and physics to gain mastery of steering/suspension and four wheel alignment.
- How to transfer knowledge of essential laws in physics and mechanics in the application of brake systems in the automotive industry.

DESIRED RESULTS (Stage 1) - WHAT WE WANT STUDENT TO KNOW AND BE ABLE TO DO?

Established Goals
-

Transfer

Students will be able to independently use their learning to: (product, high order reasoning)
-

Meaning

Unit Understanding(s):	Essential Question(s):
Students will understand that:	Students will keep considering:
- How to use a wide range of resources, obtain materials appropriate to a given problem, topic, or situation - How hazard prevention and safety affect the overall success of the industry - The importance of technology and the various purposes advanced technology serves	-

Acquisition

Knowledge - Students will:	Skills - Students will:
- How to interpret written information in prose and documents—including manuals, graphs, and schedules - To Collect and organize information from library resources, reference books, and electronic databases. - The costs and trade-offs associated with accidents - four different types of fires, and identify the type of fire extinguisher required for each type of fire - hardware, commonly used software, and online services **Reasoning - Students will:** -	- Apply the use of the original equipment manufacturer (OEM) service manual and electronic service information as information resources in locating automotive information - Use logical steps and analysis to identify relevant diagrams, details, facts, and specifications used in automotive service manuals both paper, CD-ROM, and online - Infer or locate the meaning of technical vocabulary and judge the accuracy and appropriateness - Implement methods of preventing accidents in a production, service, and/or laboratory environment - Identify hazardous waste materials in accordance with state and federal regulations and follow proper safety precautions while handling hazardous waste materials - Use hardware, software, and online services to access, organize, and

	maintain information for various purposes and for communication
	● Conduct routine maintenance and repair to computer hardware and software.
	● Write simple programs for various purposes if appropriate

Common Misunderstandings	Essential new vocabulary
●	●