

Anoka-Hennepin Secondary Curriculum Unit Plan

Department:	Career and Technical Education	Course:	Advanced Automotive I: Brakes	Unit 5 Title:	Safety and Industry Regulations	Grade Level(s):	11-12
Assessed Trimester:		Pacing:		Date Created:		Last Revision Date:	11/2014

Course Understandings: <i>Students will understand:</i> <ul style="list-style-type: none">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	
<ul style="list-style-type: none">	
Transfer	
Students will be able to independently use their learning to: (product, high order reasoning) <ul style="list-style-type: none">	
Meaning	
Unit Understanding(s): Students will understand that: <ul style="list-style-type: none">The impact of government regulations and business and industry procedures on the performance of particular job functions and servicesHow effective communication processes and individuals contribute to the whole organizationThe importance and impact of effective communication, interpersonal skills, and learning techniques while working with others of diverse backgrounds	Essential Question(s): Students will keep considering: <ul style="list-style-type: none">Why do I have to know government regulations?Why do I have to keep records?Who watches out for our mistakes?Why do domestic truck drivers have biases against foreign car drivers?
Acquisition	
Knowledge - Students will: <ul style="list-style-type: none">How to differentiate among federal, state, and local regulations and the various agencies involved in government oversight, as well as local business and industry procedures and servicesThe process and impact of regulations on the management of resources and delivery of servicesSafety requirements and recognize safety signs and symbolsFederal, state, and local regulations and safety concernsThe role of a professional automotive technician and other dealership personnel and how effective communication processes and individuals contribute to the whole organization Reasoning - Students will: <ul style="list-style-type: none">	Skills - Students will: <ul style="list-style-type: none">Analyze the role of accrediting organizations; such as ASE, NATEF, ATRA, etc., within the automotive industryExplain the purposes of the Occupational Safety and Health Act and demonstrate knowledge of these purposesApply federal, state, and local regulations when storing and disposing of chemical materials and waste and know where to find current information about implementing these regulationsApply appropriate information to respond, use safety equipment correctly, and take appropriate actionsImplement safety programs and document resultsIdentify, describe, and record potentially unsafe conditions or acts, environmental noncompliance, malfunctions, and health or industrial

	<div>hygiene problems</div> <ul style="list-style-type: none">Implement interpersonal skills involved in working with and for others of diverse backgrounds

<div>Common Misunderstandings</div> <ul style="list-style-type: none">Keeping accurate records of hazardous materials isn't important as long as I keep at least some record of itThe government doesn't need to know what I am doingMy ethics should be good enough to work with othersI shouldn't have to learn about all makes of carsIt seems like certain ethnic backgrounds purchase certain brands of cars	<div>Essential new vocabulary</div> <ul style="list-style-type: none">
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