

Virtual Workplace Experience II Lesson Plan

Unit: 7	Lesson: NATEF/ASE/Manufacturer Certifications Lesson
Content Standards Alignment:	
<p>Lesson Objectives/Instructional Outcomes: (Domain 1c Setting Instructional Outcomes): Outline the concept, knowledge, skill, or application students can demonstrate upon lesson completion. This may be the same as or very similar to the content standard; however, it could be narrower or perhaps broader. Objectives may be stated in the form of critical questions students should be able to answer.</p> <p>Students will learn the standards of International certification of technicians and educational institutions from National Institute for Automotive Service Excellence (ASE) and National Automotive</p>	
<p>Instructional Materials/Resources: List all materials and resources required by teacher and/or students, include preparation or other special instructions; e.g. paper based materials such as textbooks, technology equipment, science equipment or supplies, art materials or equipment</p> <p>Computers with internet connectivity to access: Automotive Service Excellence Sites https://www.ase.com/Home.aspx and http://www.aseeducation.org; Louisiana Jump Start Automotive Service Pathway https://www.louisianabelieves.com/docs/default-source/js-graduation-pathways/2017-2018-automotive-service-pathway-pdf.pdf?sfvrsn=3; 07-11 ASE Manufacturer Certification Overview</p>	
Methods and Instructional Strategies (Domain 3c Engaging Student in Learning)	
<p>Concept Prerequisites: List all key concepts and terminology necessary for students to understand the concepts as well as meet the standards, goals and objectives of the lesson.</p> <p>Automotive Service and Repair is a Louisiana high-wage, high-demand industry sector. There are an array of opportunities both mechanical and in-office available to succeed in this field.</p>	
Introduction - Anticipatory Set	<p>10 min: Today we're going to research various automotive service and repair certifications and pathways. To begin, let's learn more about the first car and car safety.</p> <p>https://www.youtube.com/watch?v=DL_mJeb6O04</p>
Instructional Activities: Includes questioning techniques, grouping strategies, pedagogical approaches	<p>35 min: Today, we're going to research more about automotive service and repair certifications and training pathways using our computers.</p> <p>Teacher introduces students to the National Institute For Automotive Service Excellence website and the Louisiana Jump Start Automotive and Service Repair Graduation Pathway document; and local Automotive Programs (likely area community college)</p> <p>The students will be asked to use the websites above and locate the following:</p> <ol style="list-style-type: none"> 1. On the ASE.com website, each student will be asked to locate 5 certification specialty areas (of their interest) and copy them to their Word document.

	<p>2. On the LDOE Jump Start Automotive Pathway (page 39), each student will be asked to locate 3 certified training pathways of interest and copy them to their Word document.</p> <p>3. Students will then visit the closest training facility to learn more about entry requirements for their programs.</p>
<p>Wrap Up - Synthesis/Closure</p>	<p>10 min: Teacher facilitates a class discussion of the information students researched. Teacher should continue to encourage class participation in providing feedback and offer students the opportunity to practice PVLEGS strategies.</p>
<p>Differentiation (According to Student Needs rating Knowledge of Students) Address diverse student needs including students with an IEP or 504</p> <p>Decrease items required to complete activity. Pair students into teams.</p>	
<p>Assessment (Domain 3d) May indicate the type of assessment most appropriate, or it may provide sample questions, entire tests, portfolio guidelines or rubrics if available.</p> <p>Teacher walks around the classroom while the students are in the lab portion (on their computers) of the lesson observing the appropriate navigation of each student on the required websites. Each student should be on the ase.com and or Jump Start website only. Teacher individually assesses each students progress of copying the certification speciality areas from the ase.com, Jump Start, and training provider websites.</p>	