



# Automotive Service



<b>Date</b>	Saturday February 22 <sup>nd</sup> , 2025	<b>Orientation Time</b>	8:00 a.m. (OPEN to instructors)
<b>Location</b>	Stark State Automotive Campus 5600 Whipple Ave North Canton Ohio 44721	<b>Contest Time</b>	Immediately following orientation (CLOSED contest)
<b>Scope of Contest</b>	<p>The competition will include a series of workstations. Workstations may consist of a vehicle and/or simulators, components, service publications, and/or identification.</p> <ul style="list-style-type: none"> <li>• A variety of vehicles sold in the United States will be used in the competition. This could include both domestic and imported vehicles.</li> <li>• Safety, quality, ability to follow instructions and procedures, accuracy (in comparison with factory specifications), workmanship, and other skills representative of the trades identified by industry leaders will be judged.</li> <li>• A total of eight to ten stations will be assigned. Each station must be broken down into specific task criteria and separate steps based on the task. For example: <ul style="list-style-type: none"> <li><b>Station No. 1 Wire test and repair segments</b></li> <li>Identify faulty circuit = x points</li> <li>Repair condition = x points</li> <li>Assemble/retest = x points</li> <li>Resistor board tests = x points</li> <li>Compare values to specs = x points</li> <li>Workmanship = x points</li> <li>Safety practices = x points</li> </ul> </li> <li>• Time limits will be assigned for each task, but no bonus points will be awarded for early completion.</li> </ul>		
<b>Testing</b>	Yes		
<b>Eligibility</b>	2 contestants per program		
<b>Clothing</b>	Clothing Classification Guide: Class D		
<b>Provided by Contestant</b>	<ul style="list-style-type: none"> <li>• Resumé</li> <li>• Emergency Medical Form is required to be on the contestant at all times during the competition and presented at the beginning of the contest.</li> <li>• Tools Provided-Tools will be provided to perform tasks associated with the contest.</li> <li>• Tools <b>optional</b> (Provided by the Contestant): Generic Scan Tool / DVOM <ul style="list-style-type: none"> <li>✓ Two # 2 pencils</li> <li>✓ Digital Multimeter (DMM) <b>optional</b></li> <li>✓ OBD II Scan Tool (Backup will be provided if needed)</li> </ul> </li> </ul>		

<p><b>Contest Standards</b></p>	<p><b>Contest Skilled Performance Standards</b></p> <p><b>AST 2.0</b> - Perform vehicle engine performance diagnosis and testing to related tasks in the ASE Education Foundation Automobile Program Standards – Automobile Engine Performance Task List (ASE Test A8)</p> <p><b>AST 6.0</b> - Perform electronic circuit diagnosis, testing and wire repair to related tasks identified in the ASE Education Foundation Automobile Program Standards – Automobile Electrical/Electronic Systems Task List (ASE Test A6)</p> <p><b>AST 9.0</b> - Perform brake service, testing and diagnosis to related tasks identified in the ASE Education Foundation Automobile Program Standards – Automobile Brakes Task List (ASE Test A5)</p> <p><b>AST 11.0</b> - Perform engine measuring, inspecting, service and diagnosis on the head or block of an engine to related tasks identified in the ASE Education Foundation Automobile Program Standards – Automobile Engine Repair Task List (ASE Test A1)</p>	<p><b>Aligned ODEW Transportation Career Field Technical Content Standard Outcomes</b></p> <p><b>Outcome 12.2</b> Vehicle Inspection and Diagnosis</p> <p><b>Outcome 3.3</b> Ignition System <b>Outcome 4.5</b> Electrical and Electronic Systems</p> <p><b>Outcome 4.2</b> Drum and Disc <b>Outcome 4.4</b> Antilock Brakes</p> <p><b>Outcome 3.1</b> Engine Cylinder Head and Block Assemblies</p> <p>Above Outcomes can be found in the following ODEW courses:  177001 Ground Transportation: Engine and Powertrain  177002 Ground Transportation Electrical/Electronics  177009 Collision Electrical and Mechanical Systems  177031 Automotive Braking Systems</p>
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