



# Automotive Service Technology



<b>Date</b>	March 13, 2026	<b>Orientation Time</b>	8:00 a.m. (CLOSED to instructors)
<b>Location</b>	Tri-County Career Center 15676 OH-691 Nelsonville, OH 45764	<b>Contest Time</b>	Immediately following orientation (CLOSED contest)
<b>Scope of Contest</b>	<ul style="list-style-type: none"><li>• The competition will include a series of workstations. Workstations may consist of a vehicle and/or simulators, components, service publications, and/or identification.</li><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> <p><b><i>The following WILL NOT be tolerated and are grounds for disqualification from the competition:</i></b></p> <ul style="list-style-type: none"><li>• No cellphones in the contest area.</li><li>• No contact with anyone outside of the contest area once the contest begins.</li><li>• No inappropriate communication between contestants such as verbally degrading another contestant.</li><li>• No cheating on any portion of the contest such as informing another contestant of the skills/test prior to competing.</li></ul>		
<b>Testing</b>	Yes - the written exam may be from all ASE areas.		
<b>Eligibility</b>	2 competitors per building IRN (Chapter)		
<b>Clothing</b>	Clothing Classification Guide: CLASS D		
<b>Provided by Contestant</b>	<ul style="list-style-type: none"><li>• Professional Resumé – Typed Hardcopy</li><li>• Emergency Medical Form (Contestants must have this to compete)</li><li>• Safety Glasses</li><li>• #2 Pencils</li><li>• Digital Multi-Meter</li><li>• Safety equipment (glasses and hard soled shoes)</li><li>• Scan Tool -- <b>Contestants <i>MUST</i> use their own scan-tool. It should be updated to 2023 and be capable of communicating with a Domestic or</b></li></ul>		

	<b>Asian vehicle. NOTE: A global OBD2 scan tool may not provide all the information or perform the functional tests as required."</b>	
<b>Contest Standards</b>	<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>MLR 5.0</b> — Complete a mock job interview for an automotive service technology related position</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 7.0</b> - Perform steering, suspension, and wheel alignment to related tasks identified in the ASE Education Foundation Automobile Program Standards — Automobile Suspension and Steering task list (ASE Test A4)</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>AST 12.0</b> – Use Electrical Service Information Resources.</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 5.5</b> Steering and Suspension</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><b>Above Outcomes can be found in the following ODEW courses:</b>  177001 Ground Transportation: Engine and Powertrain  177002 Ground Transportation Electrical/Electronics  177009 Collision Electrical and Mechanical Systems</p>

		177031 Automotive Braking Systems
--	--	-----------------------------------