



Automotive Service Technology



Date	February 22, 2025	Orientation Time	7:30 a.m. (CLOSED to instructors)
Location	Delaware Area Career Center 4565 Columbus Pike Delaware, OH 43035	Contest Time	Immediately following orientation (CLOSED contest)
Scope of Contest	<ul style="list-style-type: none"> • The competition will include a series of workstations. Workstations may consist of a vehicle and/or simulators, components, service publications, and/or identification. • A variety of vehicles sold in the United States will be used in the competition. This could include both domestic and imported vehicles. • 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. • 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"> ○ Station No. 1 Wire test and repair segments ○ Identify faulty circuit = x points ○ Repair condition = x points ○ Assemble/retest = x points ○ Resistor board tests = x points ○ Compare values to specs = x points ○ Workmanship = x points ○ Safety practices = x points • Time limits will be assigned for each task, but no bonus points will be awarded for early completion. <p><i>The following WILL NOT be tolerated and are grounds for disqualification from the competition:</i></p> <ul style="list-style-type: none"> • No cellphones in the contest area. • No contact with anyone outside of the contest area once the contest begins. • No inappropriate communication between contestants such as verbally degrading another contestant. • No cheating on any portion of the contest such as informing another contestant of the skills/test prior to competing. 		
Testing	Yes - the written exam may be from all ASE areas.		
Eligibility	2 competitors per building IRN (Chapter)		
Clothing	Clothing Classification Guide: CLASS D		
Provided by Contestant	<ul style="list-style-type: none"> • Professional Resumé – Typed Hardcopy • Emergency Medical Form (Contestants must have this to compete) • Safety Glasses • #2 Pencils • Digital Multi-Meter • Safety equipment (glasses and hard soled shoes) • Scan Tool -- Contestants <i>MUST</i> use their own scan-tool. It should be updated to 2023 and be capable of communicating with a Domestic or 		

	Asian vehicle. NOTE: A global OBD2 scan tool may not provide all the information or perform the functional tests as required.”	
Contest Standards	<p>Contest Skilled Performance Standards</p> <p>AST 2.0 - Perform vehicle engine performance diagnosis and testing related to tasks in the <i>SkillsUSA National Tech Standards – Automobile Engine Performance Task List</i></p> <p>AST 6.0 - Perform electronic circuit diagnosis, testing, wire repair and construction related to tasks identified in the <i>SkillsUSA National Tech Standards – Automobile Electrical/Electronic Systems Task List</i></p> <p>AST 9.0 - Perform brake service, testing and diagnosis related to tasks identified in the <i>SkillsUSA National Tech Standards – Automobile Brakes Task List</i></p> <p>AST 11.0 - Perform engine measuring, inspecting, service and diagnosis on the head, block or parts of an engine related to tasks identified in the <i>SkillsUSA National Tech Standards – Automobile Engine Repair Task List</i></p>	<p>Aligned ODEW Transportation Career Field Technical Content Standard Outcomes</p> <p>Outcome 12.2 Vehicle Inspection and Diagnosis</p> <p>Outcome 3.3 Ignition System Outcome 4.5 Electrical and Electronic Systems</p> <p>Outcome 4.2 Drum and Disc Outcome 4.4 Antilock Brakes</p> <p>Outcome 3.1 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>
Schedule	<p>7:00 --7:30 Arrival and Registration (please no early arrivals - contestants will have to wait in a classroom or outside.) 7:30 -- 7:45 Welcome and Orientation</p> <p>7:45 – 1:00 Written Test & Hands-on contest (Depending on number of contestants) Announcement of winners – Approximately 20 minutes after hands on competition.</p>	