



Automotive Service Technology



Date	February 7, 2026	Orientation Time	7:30 a.m. (CLOSED to instructors)
Location	Sinclair Community College 220 S Edwin C Moses Blvd Dayton, OH 45402	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. <p><u>The following WILL NOT be tolerated and are grounds for disqualification from the competition:</u></p> <ul style="list-style-type: none">○ No smart watches, cellphones and/or other electronic devices in the contest area unless specifically stated in this document. These devices cannot be used as a calculator.○ No contact with anyone outside of the contest area once the contest begins.○ No inappropriate communication between contestants such as verbally degrading another contestant or informing another contestant of the skills/test prior to or during the competition.○ No cheating on any portion of the contest.		

Testing Eligibility Clothing Provided by Contestant	<ul style="list-style-type: none"> ○ The use of AI is strictly prohibited and will result in an automatic disqualification of the contestant. 	
	Yes - the written exam may be from all ASE areas.	
	2 competitors per building IRN (Chapter)	
	Clothing Classification Guide: CLASS D	
Contest Standards	<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 – Sinclair will provide Scan Tools; competitors are able to bring their own if they would like. 	
	Contest Skilled Performance Standards AST 2.0 - 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) MLR 5.0 — Complete a mock job interview for an automotive service technology related position AST 6.0 - 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) AST 7.0 - 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) AST 9.0 - 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) AST 11.0 - Perform engine measuring, inspecting, service and diagnosis on the head or block of an engine to related	Aligned ODEW Transportation Career Field Technical Content Standard Outcomes Outcome 12.2 Vehicle Inspection and Diagnosis Outcome 3.3 Ignition System Outcome 4.5 Electrical and Electronic Systems Outcome 4.2 Drum and Disc Outcome 4.4 Antilock Brakes Outcome 3.1 Engine Cylinder Head and Block Assemblies 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>tasks identified in the ASE Education Foundation Automobile Program Standards — Automobile Engine Repair Task List (ASE Test A1)</p> <p>AST 12.0 – Use Electrical Service Information Resources.</p>	
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