



SkillsUSA 2011-12 District 10 Competition–Scope

Clarion County Career Center
447 Career Lane, Shippenville, PA 16214
January 16, 2012

Competition Title: *AUTOMOTIVE SERVICE TECHNOLOGY*

Clothing/Safety Requirements:

- Blue jeans/work pants and work shirt
- No school names
- I.D. number will be provided
- All work clothes must be free of insignias/labels
- Leather work boots only (no sneakers or shoes allowed)
- Safety glasses

Eligibility:

Registered Skills USA member enrolled in an Automotive program.
Students are required to have proof of training form and a one page resume.

Tools/Materials Supplied by Contestant:

- Work clothing
- Safety glasses
- Leather work boots
- Pencil

Tools/Materials Supplied by the Clarion County Career Center:

All tools and equipment will be provided

Tools and Equipment:

- Computer Diagnostic Tool Snap-On Modis or Snap-On Solus
- Hunter DSP600 Four wheel alignment machine
- Fluke 114 DVOM

Scope of Contest:

Students will be tested as follows:

Each event will be timed. The maximum amount of time for each task is indicated.

Students will be evaluated using the following criteria:

1. Safety.
2. Care and proper use of tools.
3. Job performance. (Amount of work done and the quality)
4. Personal appearance. (Clothes, shoes, eye protection)
5. Verbal terminology. (Automotive trade terminology)
6. Neatness and Accuracy.

Contest:

1. Electrical/Electronics Time: 15 min.
AST 6.0 – Perform electronic circuit diagnosis, testing and wire repair to related tasks identified in the NATEF Automobile Program Standards – Automobile Electrical/Electronic Systems Task List (ASE Test A6)
2. Engine Repair Time: 15 min.
AST 11.0 – Perform engine measuring, inspecting, service and diagnosis on the head or block of an engine to related tasks identified in the NATEF Automobile Program Standards Automobile Engine Repair Task List (ASE A1)
3. Engine Performance Time: 15 min.
AST 2.0 -- Perform vehicle engine performance diagnosis and testing to related tasks in the NATEF Automobile Program Standards – Automobile Engine Performance Task List (ASE Test A-8)
4. Steering & Suspension Time: 15 min.
AST 7.0 – Perform steering, suspension and wheel alignment to related tasks identified in the NATEF Automobile Program Standards – Automobile Suspension and Steering Task List (ASE Test A4)
5. Job interview (student provides resume') Time: 15 min.
AST 5.0 – Complete a job interview for an automotive service technology related position
6. Written Automotive ASE test (80 questions) Time: 60 min.
Knowledge Performance

Contact information:

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