



Pennsylvania - District 2
Education . . . with a competitive side

CABINETMAKING COMPETITION

Clothing Requirements

Official SkillsUSA khaki work shirt and pants, black or brown leather work shoes, and safety glasses with side shields or goggles. (Prescription glasses can be used only if they are equipped with side shields. If not, they must be covered with goggles.)

Note: At the district level if a student is not able to wear the official SkillsUSA attire he/she may wear an outfit that would be acceptable in their specific field of study. *Please keep in mind that official SkillsUSA attire will be required at the state and national level.*

Eligibility

Open to active SkillsUSA members enrolled in programs with cabinetmaking as the occupational objective.

Equipment and Materials: Supplied by host school:

All equipment and materials will be provided. Equipment to include:

| | |
|----------------|--------------------------------|
| Jointer | Industrial Table Saw |
| Band Saw | Stationary Disc & Belt Sanders |
| Router | Motorized Miter Saw |
| Drill Press | All hand tools |
| Surface Planer | All hand held power tools |

Equipment and Materials: Supplied by contestant:

1. All students **MUST** have a one-page, typewritten résumé.
2. Contestant may choose to bring their own tools.
3. All students **MUST** have Proof of Training Form signed & completed to turn in.
4. All students must bring their own tape measure, glasses, pencil, and proper shop attire.

Scope of the Contest – (Defined by the National Competition Regulations)

(District Competitions are meant to be a scaled down version of National Competition. It is important for the students to participate in a competition that will reflect a cross-section of the industry skills needed to prepare them for the state and national levels).

Contestants will identify common hand & power tools and woodworking joints used in Cabinetmaking. Contestants will read a blueprint, establish an accurate material cut list, and complete machine oriented Cabinetmaking projects.

Knowledge Performance

The contest will include a written test.

Skill Performance

The practical contest consists of workstations which require the cutting & milling of pieces to exact dimensions, and the construction of a woodworking project/s. Contestants will demonstrate their ability to perform jobs or skills selected from the following list of competencies.

Contest Guidelines

1. Safety
2. Measurements
3. Machine skills
4. Assembly skills
5. Finished Product

Standards and Competencies

1. Complete material list from drawing
2. Layout stock
3. Cut and shape components
4. Assemble, fasten components
5. Sand finished project

Cabinetmaking Competition Rating Sheet (*This rating sheet is provided as an example, a more precise rubric for grading competitors may be used during the competition*)

| Items Evaluated | Possible Points | Contestant score |
|---|------------------------|-------------------------|
| Verification of Machine Safety Checklist Proof of Training form from competitor. Check if received (<i>student disqualified from competing if not received</i>) | | |
| Material List | 25 | |
| Machining Accuracy Job 1 | 50 | |
| Machining Accuracy Job 2 | 50 | |
| Joints | 50 | |
| Assembly | 25 | |
| Finished project | 50 | |
| Safety | 25 | |
| Written Test | 25 | |
| Total | 300 | |

Note: No cell phones or other electronic devices may be used at any time during a competition; this includes using a calculator function on a cell phone for competitions in which calculators are permitted.