



## Cabinetmaking

### ELIGIBILITY

Open to active SkillsUSA members enrolled in technical education programs with carpentry as the occupational objective.

### CLOTHING REQUIREMENTS

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

### EQUIPMENT AND MATERIALS SUPPLIED BY HOST

1. SawStop Table Saw
2. 12" cordless Milwaukee Miter Saw (double compound)
3. 24" Powermatic Surface Planer
4. Milwaukee Drill/Driver
5. Kreg Pocket Hole Jig & bit
6. Kreg 1 1/4" pocket hole screws & bit
7. Milwaukee hand sander
8. Powermatic sander
9. Bridgewood disk & belt sander
10. Triton spindle sander
11. 5" Powermatic Jointer
12. 20" Powermatic Drill Press
13. Hand tools

### EQUIPMENT AND MATERIALS SUPPLIED BY CONTESTANT

1. All students must have a one-page, typewritten resume.
2. Proof of Training - signed
3. Tape measure
4. 2 Pencils
5. Hand scraper/cabinet scraper
6. Safety glasses
7. Nail apron/tool belt
8. Calculator - no smart watch/cell phone

### 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)*

### KNOWLEDGE PERFORMANCE

There will be a written test of 20 questions.



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### **SKILL PERFORMANCE**

The practical contest consists of workstations that require the cutting & milling of pieces to exact dimensions, and the construction of a face frame from the materials and drawing supplied. Contestants will demonstrate their ability to perform jobs or skills selected from the following list of competencies:

#### **Contest Guidelines**

1. Safety
2. Measurement
3. Machine Skills
4. Assembly Skills
5. Finished Project

#### **Standards and Competencies**

1. Complete material list from drawing
2. Layout stock
3. Cut and shape components
4. Assemble, fasten components together (dry fit & screw only)
5. Sand finished project



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## Cabinetmaking Scoring Sheet

Item Name	Description	Possible Points
Written Test		20
Layout Skills/blueprint reading		50
Measurements		30
Neatness		20
Finished project size/squared		30
Finished project appearance		20
	Subtotal = 170	
Safety Penalty	Deduction -10	
Clothing Penalty	Deduction -10	
No resume	Deduction -10	
	TOTAL	

*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.*

*Note: Scorecards should only be used as guidance. Changes may occur.*