



Carpentry

ELIGIBILITY

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

CLOTHING REQUIREMENTS

Official dress minus any identifying logo, leather work shoes, safety glasses with side shields or goggles and hard hat. (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. 10 Circular saws are available, if a student prefers their own, they may bring it.
2. 3 miter saws provide

EQUIPMENT AND MATERIALS SUPPLIED BY CONTESTANT

1. All students must have a one-page, typewritten resume.
2. Proof of Training
3. Toolbelt
4. Hammer
5. Tape measure
6. Speed square
7. Chalk box
8. Utility knife
9. Pencils
10. Hard saw
11. Calculator (not on your phone/computer)
12. Safety glasses with side shield/goggles
13. Work pants
14. Leather work shoes/boots

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.

SKILL PERFORMANCE

The contest will assess accuracy, workmanship, the ability to read blueprints, and the proper and safe use of tools and equipment.



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Notes on Wall Frame:

1. Review the provided plans and or drawings.
2. Stud height is 92 5/8" high.
3. Door R/O is 36" wide and 83 3/8" high
4. Window R/O 18" wide and 36" high
5. Use an "L" or energy efficient corner only on the window side of the wall an a single stud for the corner on the door side
6. Install a double top plate allowing for adjoining wall
7. Start sheathing flush with the bottom of the sole plate

Rafter Layout: (Layout the rafter only - do not cut the rafter. Rafter used is a 2x8x8)

1. Layout a rafter for a building that has a 12' span
2. The roof pitch is an 8/12 pitch
3. Provide plans will be seen on site of competition
4. Allow for 2" x 4" supporting wall

Carpentry Scoring Sheet

Item Name	Description	Possible Points
Written Test		50
Rafter layout		100
Wall Frame		160
	Subtotal = 310	
Safety Penalty	Deduction -5	
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.