

Carpentry



District 8 Competition

Monday, January 20, 2020

Keystone+Mountain+Lakes

Carpenters Training Center

652 Ridge Road

Pittsburgh PA. 15205

(412) 262-1830



Location Chair - John Brown

412-847-1944 or john.brown@beattietech.com



Carpentry Competition Overview

- Cell Phones or wearable electronics are not permitted at any time even if powered off.
- There are no official clothing requirements at the District level.
- **All competitors must wear trade appropriate clothing and safety equipment that follows ALL trade safety rules.**
- Resumes are not needed at the District level.
- If there is a question about the contest, please contact the SkillsUSA site coordinator.

Contestants must provide all hand and power tools including but not limited to:

Hand Tools:

- Personal Tools (Hammer, Tape Measure, Square, etc.)
- Framing Square, Stair Gauges
- 2' and 4' Levels
- Hand Saws

Power Tools:

- Portable Circular Saw
- Reciprocating Saw
- Cordless Drill
- Extension Cord

***Students may bring more tools if they desire. Your school and The KML Carpenters' Training Center are not responsible for lost, stolen, or damaged tools.**

Competition Overview

Students will complete the following framing tasks as per drawings provided for the project.

Wall Framing: Tasks will include, but are not limited to, conventional wall layout, framing and construction and also proper bracing, sheathing, nailing and rough in will be evaluated.

Roof Framing: Tasks will include, but are not limited to, layout, cutting and installing roof rafters.

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Material List

(Provided by the KML Carpenters' Training Center)

- 18 2x4x8'
- 2 2x6x12'
- 1 1'x8' rip of 7/16 OSB
- 1 5 lbs. box of 16d common nails
- 1 5 lbs. box of 8d common nails

Note: Contest blueprints will NOT be given out before the day of competition. Please prepare based off the National Technical Standards. All work must meet standard practices and Codes.

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Items Evaluated	Possible Points
Wall Framing	
Studs Crowned	10
Studs 16" o.c.	10
Nailing sequence	10
XBX Corners	10
Joints tight	10
Wall #1 8'x4'	10
Wall #2 2'x4'	10
Door R.O.	10
Door CL	10
Window R.O.	10
Window CL	10
Window square	10
Cripples	10
Safety	20
Total	150
Rafters	
Tail, plumb	10
4" Seat cut	10
Cuts accurate	10
Joints tight	10
Nailed to top plate 3-16d	5
Nailed to ridge 3-16d	5
12" Projection with Facia	10
4/12 Pitch	10
Layout	10
Safety	20
Total	100
General	
Material usage	10
Construction sequence	10
Completion time	30
Total	50
Total Score	300

