

2023 SkillsUSA Kansas State Carpentry Competition

April 27, 2023

1. 27 competitors

22-Secondary, 7 Post-secondary

2. Schedule of day

Orientation 8:00 a.m.

Test 8:30 a.m. – 9:15 a.m.

Job Prep 9:15 a.m. – 9:30 a.m.

Build 9:30 a.m. – 2:30 p.m.

Judge 2:30 p.m. – 3:00 p.m.

Dismantle 3:00 p.m. – 4:00 p.m.

3. Awards will be given for 1st, 2nd, and 3rd place in each category Secondary Post-Secondary

1st _____

2nd _____

3rd _____

Awards Ceremony Friday 1:00

4. All building materials will be provided and set up at your workstation.

A. Competition clothing requirements

-Official SkillsUSA short sleeved t-shirt

-Khaki pants

-Black, brown, or tan leather work shoes

-Clear safety glasses

-Prescription glasses may be worn only if equipped with side shields. If not, they must be covered in goggles. This must be provided by the competitor

The following page lists items to be supplied by the competitor.

- Cut-resistant Level 3 gloves
- One 8 pt. crosscut saw (10 pt. or 12 pt. optional)
- Claw hammer
- One set chisels (1/4" to 1")
- Framing square
- 16' or longer steel tape measure
- Utility knife with standard blades Stair gauges
- Two pencils
- One each (1 and 2 pt. Phillips and 4" and 8" standard screwdrivers) or one multi-tip with equivalent tip
- Wrecking bar or gooseneck pinch bar
- Coping saw and extra blade
- Cat's paw (nail puller)
- Chalk box and line
- One nail set
- Straight aviation snip or any metal-cutting snips
- 24" or 30" spirit level
- Combination wood rasp and file (8")
- Carpenter's tool and nail pouch with belt and/or suspenders
- Stair gauges
- Combination square and/or speed square
- 25' power cord (UL approved grounded)
- Calculator
- Power circular saw with new carbide-tipped blade
- Drywall saw
- Portable toolbox not to exceed 4.0 cubic feet of storage capacity.
- Screw gun
- Cordless Drill with #2 Phillips tips
- Hardhat
- Safety Glasses

- All competitors must create a one-page resume. Resumes will be critiqued, and be judged as part of the total score for the competition

The dismantling of the project will be considered the final sequence or task of this competition. Competitors will be able to take any portion of their project with them after the competition. Contest chair will have a forklift and operator there to quickly remove the projects if desired. Cordless tools may be used in lieu of corded tools.

Type	Skill Description	Max Score	Score	Judging Rubrics
Standard	Use of Tools	50		Proper use of tools. Competitor uses the proper tool for each job
Standard	General Safety/ Organization	75		Competitor has general knowledge of safety. Competition area is kept generally clean
Standard	Assembly According to Plans	100		Project matches the plans
Standard	Accuracy of Dimensions	100		Overall dimensions are according to plan
Standard	Metal Stud Wall Framing	50		Correct spacing on framing. Correct wall dimensions
Standard	Wall Framing	100		Correct spacing on framing. Correct wall dimensions
Standard	Roof Framing	100		Slope of roof truss and dimensions
Standard	R.O Squareness	50		Rough openings are square
Standard	R.O Dimentions	100		Rough openings are correct dimensions
Standard	Stair Stringer	50		Correct rise/run
Standard	Stair Treads	50		Correct size of stair tread
Standard	Percentage Complete	75		Is the project complete
Standard	Carpentry Test	100		2pts/question, 50 questions
Penalty	Resume Penalty	P-10		No resume turned in
Penalty	Clothing Penalty	P-50		Not wearing approved competition clothing
Penalty	Cell-phone, Prohibited conversation with judges, teachers	P-50		Use of cell phone during competition. Unauthorized converstations
Tie Breaker	Tie Breaker 1-Test Score	0		Highest test score
Tie Breaker	Tie Breaker 2-Time complete with project	0		1st competitor to complete, or most % complete