Carpentry

Date	Friday February 21st 2025	Orientation Time	8:00 am (CLOSED to instructors)
Location	Ohio Carpenters JATC Richfield Campus 4100 Maple Drive Richfield, Oh 44286	Contest Time	Immediately following orientation (Open Contest)
Scope of Contest	The contest will assess accuracy, workmanship, the ability to read and interpret blueprints, and the proper use of tools and equipment. Contestants may be required to frame walls using wood and/or steel studs; cut and install common, hip and jack rafters; and install drywall, siding, sheathing, baseboard moldings and window trim.		
Testing	No		
Eligibility	1 contestant for every 50 paid members enrolled in program		
Clothing	Clothing Classification Guide – Class C		
Provided by Contestant	• Professional Resume – typed hardcopy • Emergency Medical Form (Contestants must have this to compete) • Completed Construction Contests Safety form (See forms on SkillsUSA Ohio Web site). **Tool List** Coping saw Two #2 pencils/Sharpie Marker Claw hammers (1 trim and 1 framing) Calculator Combination square and/or speed square 1 pair of slip joint pliers 1 set of nail sets Cat's paw nail puller Tape measure Framing square Utility knife 10-point crosscut saw Chalk box and line Hard sole work boots/shoes Gooseneck pinch bar Safety glasses and hard hat Cut proof gloves Combination wood rasp and file (4 in 1) Carpenter's tool pouch 25' extension cord (UL approved grounded) 2–10" C-clamps/2–6R clamps Ground fault circuit interrupter		

	Hand broom and dustpan	

Hand broom and dustpan
Straight aviation snips or metal cutting snips
Block pane
Screw gun and variable speed drill
Two-foot level / Four Foot Level
Tip holder and two #2 Phillips tips for screw gun
Chisel set (1/4" – 1")
Portable sawhorses
Hand screwdriver set.
Power circular saw with new carbine – tipped blade
Putty knife
Drill Bits
Hack Saw
Drywall T-Square
Drywall saw
2 Quick Grip Clamps
Stair gauges (optional)

*Two Compound Miter Saws will be supplied for community use if needed. No other tools or reference materials are permitted. If a contestant is using any tools that are not included on this list, which will be considered an unfair advantage and that contestant will not be permitted to use them. All tools must be in good working order. Any tool considered unsafe or not in good working order by judging staff will not be allowed to be used. Safety glasses, hard hats, work boots and a ground fault circuit interrupter are required for each contestant. Suggested use of appropriate work gloves.

Contest Standards	Contest Skilled Performance Standards	Aligned ODEW Construction Career Field Technical Content Standard Outcomes
	C 1.0 - Read blueprints and specifications by interpreting dimensions and specifications, as well as door, window and finish schedules while understanding common blueprint abbreviations and symbols.	**Outcome 6.2** Construction Drawings
	C 2.0 - Organize building site/materials in a safe and sequential manner while using builder's level and transit properly.	**Outcome 6.1** Construction Math **Outcome 6.5** Field Organization
	C 4.0 - Construct rough framing by identifying and selecting framing members and installing frame components while meeting OHSA	**Outcome 3.5** Floor Framing **Outcome 3.6** Wall Framing

	standards.	
	C 5.0 - Construct roof framing by determining rafter lengths, making calculations, laying out a plan, framing and installing roof sheathing	**Outcome 3.7** Roof Framing and Finishing
	C 8.0 - Build stairs by laying out stringer and stringer sets, calculating rise, run and tread cutting and installing stair treads and stair skirts	**Outcome 3.9** Stairs
	C 10.0 - Using and maintaining tools safely per manufacturers' recommendations.	**Outcome 2.3** Equipment Operation
		Above Outcomes can be found in the following ODEW courses: 178001 Construction and Masonry Technical Skills 178003 Structural Systems 178022 Construction Management 178023 Remodeling and Renovation 178027 Construction Surveying and Site Logistics