



# Carpentry



<b>Date</b>	February 9, 2024	<b>Orientation Time</b>	8:00 am (CLOSED to instructors)
<b>Location</b>	IKORCC Carpenters JATC Monroe Campus 361 Breaden Dr Monroe, OH 45050	<b>Contest Time</b>	Immediately following orientation
<b>Scope of Contest</b>	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.		
<b>Testing</b>	No		
<b>Eligibility</b>	1 contestant for every 50 paid members enrolled in program		
<b>Clothing</b>	<b><i>No School Logos or Identifiers will be permitted.</i></b> Work Attire: Field specific work clothing required for the work environment or that matches the service conditions for the contest. This may include jeans if they are clean and professional looking and are accepted in the respective field (no holes or <i>overly soiled pants</i> ). <i>Work shoes or boots with a hard sole or anti-slip properties (steel toes may be required – refer to <b>Provided by Contestant</b> section below)</i> . Clothing should be as such that it will not get caught in moving equipment or power tools. School uniforms may be worn if they meet the above requirements with all identifiers covered.		
<b>Provided by Contestant</b>	<ul style="list-style-type: none"><li>• Professional Resume – typed hardcopy</li><li>• Emergency Medical Form (Contestants must have this to compete)</li><li>• Completed Carpentry Contest Safety form (See forms on SkillsUSA Ohio website).</li></ul> <b>Tool List</b> 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		

	<p>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  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 carbide – tipped blade  Putty knife  Drill Bits  Hack Saw  Drywall T-Square  Drywall saw  2 Quick Grip Clamps  Stair gauges (optional)</p> <p>*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, it 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.</p>	
<p><b>Contest Standards</b></p>	<p><b>Contest Skilled Performance Standards</b></p> <p><b>C 1.0</b> - Read blueprints and specifications by interpreting dimensions and specifications, as well as door, window and finish schedules while understanding common blueprint abbreviations and symbols.</p> <p><b>C 2.0</b> - Organize building site/materials in a safe and sequential manner while using builder’s level and transit properly.</p>	<p><b>Aligned ODEW Construction Career Field Technical Content Standard Outcomes</b></p> <p><b>Outcome 6.2</b> Construction Drawings  <b>Outcome 6.1</b> Construction Math</p> <p><b>Outcome 6.5</b> Field Organization</p>

	<p><b>C 4.0</b> - Construct rough framing by identifying and selecting framing members and installing frame components while meeting OHSA standards.</p> <p><b>C 5.0</b> - Construct roof framing by determining rafter lengths, making calculations, laying out a plan, framing and installing roof sheathing</p> <p><b>C 8.0</b> - Build stairs by laying out stringer and stringer sets, calculating rise, run and tread cutting and installing stair treads and stair skirts</p> <p><b>C 10.0</b> - Using and maintaining tools safely per manufacturers' recommendations.</p>	<p><b>Outcome 3.5</b> Floor Framing  <b>Outcome 3.6</b> Wall Framing</p> <p><b>Outcome 3.7</b> Roof Framing and Finishing</p> <p><b>Outcome 3.9</b> Stairs</p> <p><b>Outcome 2.3</b> Equipment Operation</p> <p>Above Outcomes can be found in the following ODEW courses:</p> <p>178001 Construction and Masonry Technical Skills  178003 Structural Systems  178022 Construction Management  178023 Remodeling and Renovation  178027 Construction Surveying and Site Logistics</p>
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