




TeamWorks



Date	February 7, 2025	Orientation Time	08:00 AM (CLOSED to instructors)
Location	Butler Tech ** 3603 Hamilton Middletown Rd Hamilton, OH 45011 **(Competitors will be transported to contest Site – Butler County Engineers Office on Butler Tech busses)	Contest Time	Immediately following orientation (CLOSED contest)
Scope of Contest	<p>The competition includes a team project assessing the ability to analyze a project drawing, complete a project timeline, professionally present the team project, and perform skills in residential carpentry, roofing, plumbing, electrical and masonry to complete the project as a team.</p> <ul style="list-style-type: none"> ● Each team will be given the project drawing during the TeamWorks orientation. ● Each team member is required to have an active part in construction. ● Overall scoring will be based on meeting the project timeline, safety, cleanliness of the job site, adherence to the project plan, completion of the project and quality of workmanship. 		
Testing	Time Permitting		
Eligibility	2 teams per building IRN (Chapter)		
Clothing	Clothing Classification Guide: CLASS C		
Provided by Contestant	<p>Professional Resume – Typed Hardcopy Emergency Medical Forms (Contestants must have this to compete) Carpentry Contest Safety Form (Contest Specific See School Event Details and Important Forms on SkillsUSA Ohio Web site – Southwest Regional Page)</p> <p>Blank scrap paper (25 sheets) <u>Basic</u> hand-held calculator. ** All tools must be cordless, electricity for chargers will be available in competition room.</p> <p>Carpenter’s tool belt Hard Hat & Safety Glasses 6’ ladder Sawhorses Drill and driver bit set Paddle bit set Hole saw set Circular Saw</p>		

	<p>Sawzall with metal and wood blades Drill and impact set Pencil Hammer Chalk-line (blue only) Utility knife Flat bar & cat's paw 48" level Framing Square (Framing L) 16' or greater tape measure Speed Square 4-in-1 (or 6-in-1, or 8-in-1) screwdriver Triple Tap Surge protector outlet 25' grounded high-vis extension cord 9" torpedo level 6" long nose pliers 9" side cut pliers 8" diag. cut pliers T5 wire stripper One VOM meter 3/4" or 1/2" drill bit for wood studs 2020 NEC book Only one packout box system (or smaller) will be permitted in the contest area Breaker Lock and Lockout/Tag Out Equipment Masonry Trowel Masonry Hammer Chisel Set Mason's Line and Line Blocks Brick Jointer Mortar Hoe Mixing tubs for masonry PEX Crimp Tool</p>	
<p>Contest Standards</p>	<p>Contest Skilled Performance Standards</p> <p>TW 3.0 – Perform carpentry skills</p>	<p>Aligned ODEW Construction Career Field Technical Standard Outcomes</p> <p>Outcome 3.5 Floor Framing Outcome 3.6 Wall Framing Outcome 3.7 Roof Framing and Finishing Outcome 3.9 Stairs</p> <p>Outcome 3.1 Brick, Block and Concret</p>

	<p>TW 4.0 – Perform masonry skills by laying and installing a brick/block wall</p> <p>TW 5.0 – Perform plumbing by installing cleanout drains, roughing in water supply lines, performing pressure tests and cutting, reaming and joining</p> <p>TW 6.0 – Perform electrical skills by laying out electrical installations</p>	<p>Outcome 5.7 Drainage</p> <p>Outcome 5.8 Water Systems</p> <p>Outcome 4.4 Electrical Wiring</p> <p>Above Outcomes can be found in the following ODEW courses:</p> <p>178001 Carpentry and Masonry Technical Skills</p> <p>178003 Structural Systems</p> <p>178008 Residential Electrical Systems</p> <p>178011 Residential and Commercial Plumbing Systems</p>
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