

Contest Date(s):

April 28, 2021

(Orientation will begin between 8-9am; your team's assigned contest coordinator/judge(s) will reach out to you in advance of the contest date to inform you of specifics for your team)

Contest Type: IN-SCHOOL JUDGED

(All contest types are listed on the website. YOU NEED TO BE FAMILIAR WITH BOTH THIS DOCUMENT AND THAT DOCUMENT.)

PURPOSE

To evaluate team preparation for employment and to recognize outstanding students for excellence and professionalism in the field of residential carpentry, masonry, plumbing, electricity and teamwork skills.

ELIGIBILITY

3 teams of 4 contestants per region, determined by regional event. According to the National Standards, the team may consist of four SkillsUSA members enrolled in a program(s) with building trades as the occupational objective. All members must be from the same school.

School's Responsibility: By registering a team in this contest, the supervisor of these programs acknowledges that the students have been trained in the areas identified in the scope of the contest. It is the understanding that if the judges observe any unsafe actions or improper use of equipment, the team will automatically be removed from the competition by the contest coordinator. The contest coordinator's decision is final.

ORIENTATION

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CLOTHING REQUIREMENTS

Acceptable work clothes; no school names may be displayed on any apparel.

Safety glasses, Hard hats and gloves are required.



TOOLS PROVIDED BY CONTESTANTS

- **One copy of a 1-page typed personal résumé**

Carpentry:

- 1 - Cat's Paw (nail puller)
- 2 - Chalk Box and Line
- 2 - Combination Square
- 1 - Coping Saw and Extra Blades
- 1 - Crosscut Saw - 10 point
- 4 - Framing Hammer
- 2 - Framing Square
- 1 - Gooseneck Pinch Bar
- 4 - Metal Cutting Snips
- 1 - Miter Power Saw
- 4 - Nail Set - 1/16"
- 1 - Power Circular Hand Saw
- 1 pair - Saw Horse
- 1 - Screw Gun with Tips
- 1 - Slip Joint Pliers
- 2 - Speed Square
- 4 - Straight Aviation Snips
- 2 - Trim Hammer
- 4 - Utility Knife
- 1 - Wood Rasp and File
- Pair of 6" vice grip C-Claps
- Stair Gages
- 1 - Drywall T-Square
- 1 - Drywall Saw
- 2 - Keyhole Saws
- 1 - Drywall Router (Roto Zip)
- 1 - 4' Level
- 1 - 2' Level
- 2 VISE Grip Clamp
- 1 - Pipe Reamer/De-Burning Tool
- Rags/ Paper Shop Towels
- "Right angle drill" with set of all size hole bits

Electrical

- 1 - 3/4" Wood Auger Bit
- 1 - Circuit Tester
- 1 - Cordless Drill (Extra Battery)
- 2 - Diagonal Pliers
- 2 - Lineman Pliers
- 1 - National Electrical Code
- 2 - Wire Strippers
- 1 - Romex Stripper

Masonry:

- 2 - 2' Level
- 1 - 4' Level
- 2 - 6' Modular Rule
- 2 - 6' Standard Rule
- 2 - Brick Hammer
- 2 - Brush
- 1 - Carrying Bag
- 1 - Plumb Rule (48")
- 2 - Line Blocks
- 1 - Mason Line
- 1 - Mortar Board/stand
- 2 - S Jointer
- 1 - Trowel - 11"

Plumbing:

- CPVC Glue - small can
- PVC Glue - small can
- PVC Purple Primer - small can
- Roll of Plumber's Strap
- 2 - 2 Hole Strap 3/4"
- 5 - 2 Hole Strap 1/2"
- 1 - 6' Step Ladder
- 1 - Hand Saw/Plastic
- 1 - Hammer
- 1 - 3/4" Wood Bit
- 1 - 2" Wood Hole Saw or Bit
- 1 - 4" Wood Hole Saw or Bit
- 1 - Sawzall w/Wood Blade
- 1 - Level

General:

- 3 - 25' UL Approved Extension Cord
- 1 - Ground Fault Circuit Interrupter
- 2 - Claw Hammer
- 1 - Bottle of Carpentry Glue
- 3 - Folding Rule
- 3 - Steel Tape
- 2 - Torpedo Level
- Broom
- Calculator
- Straight & Phillips Screwdriver
- Pencils
- Tool Belt

Teamworks

YOU MAY ALSO BRING:

- Maximum – (2)- 6' step ladders NO double ladders
- Maximum – (2)- 4' step ladders
- 3"-9/16" FOR THE 3" CLOSET FLANGE
- CORDLESS SCREW GUN WITH #2 AND #3 SCREW TIPS
- MITER SAW STAND
- 3" ½ inch hole saw bit
- 4) Extension cords
- 2)GFCI WITH 3 WAY OUTLETS
- 4) Roofing Razor Blade

SPECIAL INFORMATION

- **Materials for the contest MAY need to be picked up from Lowes or MAY come with the judges**
 - **If you need to pick them up, you will receive an email from Lowes with a pickup date and location confirmation email**
- **Roofing and siding skills may be required.**
- **It is the responsibility of each team to tear down and dispose of the build materials after the conclusion of the contest**
- **Schools will need to mix the mortar with the school's mortar mixer, supply mortar boards and mortar stands, tempering can with water, bucket with water and a square headed shovel.**
- Each team will build a project which will integrate the four skill areas of Masonry, Carpentry, Electrical and Plumbing. It is a 6-8 hour total build time project.
- No smart watches or phones are permitted during the contest.

SCOPE OF THE CONTEST

The contest will be judged based on the criteria established in the current year's National Technical Standards, which are updated annually. National Technical Standards are accessed through your Professional SkillsUSA Membership benefits by logging on to your SkillsUSA account at <https://www.skillsusa-register.org/Login.aspx>.