



**Carpentry
(C)**
Architecture and Construction

Skilled and Technical Sciences Contests

State Qualifying Conference
Contest Information

State Qualifying Event: Yes

National Contest: Yes

Participation: Individual

Contest Description

Competitors frame walls using wood and/or metal steel studs; cut and install rafters, gable end overhangs, fascia board and soffit installation; and install sheathing and/or exterior siding and trim. Competitors are judged on accuracy, ability to read and interpret blueprints, workmanship, safety and the proper use of tools and materials.

Skill Performance

The contest will assess accuracy, workmanship, the ability to read and interpret plans and the proper use of tools, equipment and materials. Contestants will frame walls using wood and steel studs, cut and install rafters and fascia. Exterior siding and trim may be included. Demonstration of knowledge of stair construction may be required.

Contest Guidelines

Time Limit

- Contestants will be stopped when time limits as specified on contest job sheet are up. Contestants may stop whenever they have completed a particular phase of the contest but must remain within contest area.

Clean up

- The dismantling of the project will be considered the final sequence task of the contest.

Note: If desired, a contestant may choose to use a standard handsaw without penalties.

Judging Criteria

Please refer to SkillsUSA Championships Technical Standards.

Material and Equipment Provided

All lumber and materials, as specified on the job sheet Job sheets and blueprints for each contestant

Each Contestant Will Need to Provide

- Safety glasses or goggles
- Pencils (sharpened)
- Carpenter's tool and nail pouch with belt and/or suspenders
- Utility knife
- Framing Hammer
- Finish hammer
- Speed square
- Combination square

- Carpenters square
- 25' Tape Measure (plus extra)
- Power circular saw (with new blade)
- Power reciprocating saw (Sawzall) with new metal and demo blades
- Jigsaw with new blades
- 2 - 25' power cord (UL approved grounded)
- Tin snips or aviation snips
- 24" Level
- Cordless drill with Phillips tips
- Cordless impact/ driver with Phillips tips
- Drywall saw
- Cat's paw
- Wrecking bar
- 4-in - 1 screwdriver or equivalent
- Chalk line
- Clamps
- 2 - Vice Grip "C" Clamps (for metal studs)
- 2 - Saw Horses
- Stair gauges (optional)
- One 8 pt. crosscut saw (10 pt. or 12 pt. optional)
- Non-programmable calculator (optional)