

## **NJ SkillsUSA Championships**

### **NJ State Only Contest**

#### **BASIC CONSTRUCTION**

**Purpose:** To evaluate each competitor's preparation for employment and to recognize outstanding students excellence and professionalism in the field of residential and commercial carpentry.

**Eligibility:** Open to active SkillsUSA members enrolled in programs with Carpentry as the occupational objective. Advisors will be asked to submit verification that each student is classified under the provisions of NJ Administrative Code.

#### **Clothing:**

- Official SkillsUSA khaki short sleeve work shirt.
- Khaki pants.
- Black, brown or tan leather works boots.
- Contestants should supply their own safety glasses. (Prescription glasses may only be used if they are equipped with side shields. If not, they must be covered with goggles.)

#### **Equipment and Materials**

Supplied by technical committee:

- All lumber & materials as specified on job sheet
- Job sheets and blueprints for each contestant and judge
- All necessary information & furnishings for judges & tech committee

**Safety Requirement:** Both the instructor and the contestant certify by agreeing to enter this contest that the contestant has received instructions and has satisfactorily passed an examination on the safe use of a portable power saw. They also certify that the saw has been thoroughly inspected and is in safe working condition. Further, they agree that judges are released from all responsibility relating to personal injury resulting from its use. The signature of the local advisor on the contest registration form is also verification that proper instruction has been given. Contestants will be removed from competition if proper training has not been provided and/or they are using the equipment in an unsafe manner.

**Tools:** Contestants should bring the tools listed in the SkillsUSA carpentry technical standards. In addition, contestants should bring one pair of ready to use sawhorses, wood, plastic, or metal. Completed or foldable are acceptable. **Lumber for sawhorses will not be supplied.**

**Standards and Competencies:** Contestants should be prepared to

- 1.1 Interpret and determine dimensions from multiple view drawings and build the project from plans, elevations, sections, and details.
- 1.4 Interpret oral and written changes and incorporate modifications into existing plans.
- 2.2 Identify, receive and inspect materials and ensure all required materials are in place prior to the start of the competition by using materials list supplied.
- 4.1 Identify framing members and select materials for project.
- 4.6 Frame and brace walls to include corners, openings, trimmers, cripples, partitions, plumbing partitions, fixture backing and sheathing.
- 4.7 Layout and Frame stair stringer and other components
- 5.2 Determine rafter lengths from a rafter scale
- 5.3 Calculate and use the rise and run of a common rafter
- 5.5 Layout, cut and install common rafters, ridge board, and fascia boards.

**Resume Requirements:**

- Each contestant on the day of the contest must submit a resume to the on-site judges.

Questions: Contact Stephen White

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