



CONSTRUCTION

Event Start Time: 9:30 am*

***Teams must arrive by 9:30 am**

Event ends at 11:30 am.

Event Specifications

SCOPE OF CONTEST

This event will take place at the Fresno City College Career & Technology Center located at 2930 E. Annadale Ave. Fresno, CA 93725. The awards presentation will take place at the Fresno City College main campus in the gymnasium at 12:00 PM.

Contestants will demonstrate the ability to perform jobs and skills related but not limited to roof framing, wall framing, reading blueprints, estimating materials, and framing nomenclature. Team members will complete the attached safety statement and will be required to demonstrate proficiency in the use of power tools.

NUMBER OF COMPETITORS

Group event (3 members)

Fresno ROP reserves the right to modify enrollment due to limited spaces available.

RULES AND PROCEDURES

The team will demonstrate the ability to perform jobs and skills, which may include the following:

1. Roof Framing - one common rafter
 - a. Span of 10 feet or less
 - b. Layout on 2 x 4 or 2 x 6 materials
 - c. Slope range from 4/12 through 10/12
 - d. Layout cut and test to a pattern
2. Wall framing - Frame a wall up to 8 feet long and up to 4 feet tall, includes some or all of the following tasks:
 - a. Plate layout
 - b. One corner assembly
 - c. One partition tee
 - d. A door opening
 - e. A window opening
 - f. A 1 x 4 let-in brace
 - g. Layout, cut and assembly of the components
3. Reading of Blueprints for the test project
 - a. Using a scale rule
 - 1/4" = 1'-0"
 - 1" = 1'-0"
 - 1-1/2" = 1'-0"

4. Estimating materials
 - a. Concrete volume - in regards to a standard concrete slab floor with a footing to support a single story house
 - b. Board foot measure - including pricing, total cost and sales tax
5. Framing nomenclature
 - a. Wall frame part name recognition sheet. 10 Names
6. Personal Presentation
 - a. Clothing
 - b. Hair
 - c. Professional appearance
7. No cell phone or calculator use during written test

JUDGING CRITERIA

Contestants will be judged on accuracy of measurements, ability to follow plans and written directions, workmanship, safety and the proper use of tools, equipment and materials, and professional appearance.

Time Limit: The team will be stopped when time limits as specified on the contest job sheet are up. Contest will stop at 11:30 a.m.

No calculators, phones, Ipods or other electronic crutch allowed in classroom or outside during framing.

EQUIPMENT AND MATERIALS

1. Supplied by the contestant (group):
 - a. Portable electric circular saw
 - b. One 50 foot electrical cord
 - c. One crosscut hand saw
 - d. Claw hammers
 - e. 3/4" or 1" wood chisels
 - f. Rafter framing squares
 - g. Tape Measures
 - h. Pencils
 - i. Cat's paws
 - j. Utility knives
 - k. Combination wood rasps
 - l. Nail aprons
 - m. Combination squares or T-squares or speed squares
 - n. Goggles or safety eyeglasses
 - o. Architects triangular scale
 - p. Drills or Impact Drills with T-25 & T-30 bits
2. Supplied by the Career Skills Challenge:
 - a. All lumber and other materials as specified on job sheets
 - b. Job sheets and blueprints for each competitor

DRESS CODE

1. Wear appropriate clothing. Clothes must fit the body, no saggy and or baggy clothes will be allowed.
2. Students must wear closed toe shoes.
3. Students with long hair must keep hair in a pony tail or under a cap.
4. Long sleeve shirts must be kept buttoned at the sleeve, or rolled/pushed up.