

## **Carpenters Assistant Basic**

### **Description**

The NYC SkillsUSA Carpenters Assistant Basic contest is developed to evaluate each contestant's ability to demonstrate basic skills in the field of carpentry. To demonstrate the contestant's ability to support the carpenter on the job site.

### **Clothing Requirements**

- NYC SkillsUSA T-Shirt
- Work pants or jeans
- Leather or steel toed work shoes.
- Long hair must be restrained.
- Safety glasses with side shields or goggles. If not, they must be covered with goggles.

### **Equipment and Materials**

- 1. Supplied by NYC chair/committee:**
  - a. All lumber needed for the contest.
- 2. Supplied by contestant:**
  - a. Supplied by the contestant
    - i. Crosscut saw
    - ii. A  $\frac{3}{4}$ " wood chisel c.Claw
    - iii. Hammer
    - iv. Framing square
    - v. Utility
    - vi. Knife
    - vii. Sharpened pencils
    - viii. Folding rule or pocket rule h.Pinch
    - ix. Bar or Cat's paw
    - x. Nail apron or pouch
    - xi. Combination square or Tri square
    - xii. Packets of assorted sandpaper
    - xiii. Tool box for the above tools
    - xiv. 3x5- index card with the name of contest, contestant's name, and home address, name of CTE Center or school, advisor/chaperone's name, and Cell phone number.
  - b. All competitors must create a one-page resume.

## **SCOPE OF THE COMPETITION**

1. All safety rules must be observed.
2. Contestants will receive proper instruction and testing in the safe and proper use of selected power tools.
  - Power tool use may include circular saws, drills, etc.
  - Only contestants that pass the safety test and have a "safety letter" from their instructor will be allowed to operate power tools.
3. Careful instruction and explanation of all tasks to be completed will be given to each contestant in both oral and written form to ensure that each contestant fully understands the assigned tasks.
4. The contest will consist of the following:
  - a. A job interview for a carpenter's helper position.
  - b. Demonstrate correct measurement to the eighth(1/8) of an inch
  - c. Identify basic carpentry tools and materials.
  - d. Identify lumber dimensions.
  - e. Be able to select basic materials from a "lumberyard"
  - f. The contestant will make a project from a plan and visual model to follow; using hand tools. The project will include measuring, sawing, and assembling pieces.
  - g. Assist a carpenter with the safe tear down of a project, pull nails and re-stack materials in a safe and neat manner.
5. Time limits will be established on the job sheet for each task.