



## 17<sup>TH</sup> ONTARIO TECHNOLOGICAL SKILLS COMPETITION CARPENTRY-INDIVIDUAL - SECONDARY LEVEL

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**\*\* Gold medal winners will advance to the Canadian Skills Competition, provided they have achieved a minimum score of 60% in this contest.**

### PURPOSE OF THE CONTEST:

To evaluate each competitor's preparation for employment and to recognize outstanding students for excellence and professionalism in the field of Carpentry. To evaluate each competitor's ability to organize and execute a given working plan accurately and safely using generally accepted carpentry practices.

An oblique sketch of the project will be posted by the end of March.

### SKILLS AND KNOWLEDGE TO BE TESTED:

**Teacher advisors NOTE:** ALL Competitors are required to be familiar with and be able to demonstrate the correct use of the Electric Circular Saw as described in the Construction Safety Association's Publication #M006 (available at <http://www.csa.org/t.tools/t5.products/Detail.cfm>).

- Safe use of all hand and power tools noted in the scope.
- Competency in reading construction plans and specifications
- Competency in using appropriate systems of measurement
- Ability to apply planning, organization and time management skills to complete the project within the given time
- The selection and application of sound work practices and assembly techniques in the building of a residential framing construction project to a high standard, *including the safe layout, fabrication and assembly of rafters and associated components for roof framing.*
- Quality, accuracy and thoroughness of workmanship
- General work attitude
- Housekeeping

### EQUIPMENT AND MATERIALS:

#### Supplied by Committee:

- All power tools are provided. With the exception of cordless drills, competitors are NOT permitted to use personal power tools. Competitors are advised to bring a 3 – 6m extension cord that is in proper working condition. Extension cords will be inspected prior to the contest to ensure that they are in good condition with all ground and live plugs secure. Cords must be free of nicks, frays or other defects that may present a safety hazard to the competitor and others.
- A Workmate, sawhorses or similar equipment will also be provided for each competitor.

#### Supplied by Competitor:

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|---|---|
| <ul style="list-style-type: none"> <li>• Min. 6" adjustable wrench</li> <li>• Work apron or belt</li> </ul> | <ul style="list-style-type: none"> <li>• Framing square</li> <li>• Combination square/Speed square</li> </ul> |
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- Chalk line
- 24” Spirit level
- Utility knife
- Sliding Tee Bevel
- Cross cut saw (8 tpi)
- Calculator
- Hammer
- #8 or #10 countersink bit
- Block plane
- Measuring tape
- 1 set chisels (1/4” – 1”)
- Pencil and pen
- Framing hammer
- Cordless Drill (optional)

### CLOTHING REQUIREMENTS:

The competitor must supply and wear the appropriate clothing and protective gear:

- CSA approved **hard hat** and CSA approved **safety footwear** for use on a construction site
- **Safety eye wear** (must include side shields) and **Hearing protection**
- Long pants and T-shirt (NO muscle shirts or long, oversized shirts)

\*\* Please note: *Failure to wear personal protective equipment in an appropriate manner will result in loss of marks. The 3<sup>rd</sup> warning will result in competitor being disqualified from contest.*

### TIME TABLE

7:00 – 7:30	Registration
7:30 – 8am	Orientation & Equipment Use Demonstration
8am – 12 noon	Contest Session
12 – 12:30pm	Lunch
12:30 – 2:30pm	Contest Session
2:30 – 4pm	Judging

### JUDGING CRITERIA:

Total Possible score is 100%.

Worksite Safety	15%
Job Interview	5%
Accuracy of Project	60%
Fit, Finish & Appearance	20%
<b>Total</b>	100%
Completion Bonus	25%

### JOB INTERVIEW:

To assist competitors in fully preparing for their eventual job searches and to becoming valued employees, there will be a job interview incorporated into this contest. It is expected that the competitors arrive prepared WITH A RÉSUMÉ and be ready for interview questions and discussion. Competitor’s performance on the interview **will be** counted toward final contest standings. This is a compulsory component contributing to 5% of overall marks. Feedback will be provided to the competitors in order to help prepare them for the real-life experience of job interviews.

### THE ROLE OF THE TEACHER/ADVISOR:

Student competitors depend on the mentorship and guidance of teacher/advisors in order to effectively prepare for competitions such as this. Accordingly, teacher/advisors are **strongly encouraged** to ensure their students have adequate time to practice the technical and safe work skills required in this competition. **At a minimum,**

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competitors should be thoroughly instructed in the correct and safe use of the Electric Circular Saw **prior to** participating in this competition, as well as the other skills noted elsewhere in this scope.

**ADDITIONAL INFORMATION:**

**IMPORTANT NOTE FOR TEACHERS/ADVISORS:**

The competitor must have the "Equipment Use Competency Documentation" form (**follow the link**) completed by a qualified instructor **prior to** arriving at the competition to show competency with the use of electric hand saws and be prepared to demonstrate the "skills and knowledge to be tested".

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