

2020 PROVINCIAL SKILLS CANADA COMPETITION



Contest Description

Edmonton Expo Centre, Edmonton
May 6 & May 7, 2020

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|--|--|---------------------------------|--------|---------------|--------|-------|---------|----------------|---------|-------------|---------|----------------|------------|-------|--------|----------------|--------|---------------------|--------|----------------|--------|-------|--------|----------------|--------|-------|---------|----------------|------------|--------------------|--------|--|--|
| EVENT: Carpentry | LEVEL: Secondary | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WORLDSKILLS TRADE #: 26 | LOCATION: Hall C, Edmonton Expo Centre, Edmonton | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DURATION: 12 Hours (Two Days) | REGIONALIZED: YES Students must qualify through a Regional Skills Canada Competition (RSCC) to earn a position in the Carpentry Secondary competition at the Provincial Skills Canada Competition (PSCC). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COMPETITION SCHEDULE: <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><u>May 6: Wednesday</u></p> <table border="1"> <tr><td><i>COMPETITION /ORIENTATION</i></td><td>8:00AM</td></tr> <tr><td>PROJECT START</td><td>9:00AM</td></tr> <tr><td>BREAK</td><td>10:00AM</td></tr> <tr><td>RESUME PROJECT</td><td>10:15AM</td></tr> <tr><td>LUNCH BREAK</td><td>11:30AM</td></tr> <tr><td>RESUME PROJECT</td><td>12:00 NOON</td></tr> <tr><td>BREAK</td><td>2:30PM</td></tr> <tr><td>RESUME PROJECT</td><td>2:45PM</td></tr> <tr><td>COMPLETION OF DAY 1</td><td>5:00PM</td></tr> </table> </div> <div style="width: 45%;"> <p><u>May 7: Thursday</u></p> <table border="1"> <tr><td>RESUME PROJECT</td><td>7:30AM</td></tr> <tr><td>BREAK</td><td>9:30AM</td></tr> <tr><td>RESUME PROJECT</td><td>9:45AM</td></tr> <tr><td>LUNCH</td><td>11:30AM</td></tr> <tr><td>RESUME PROJECT</td><td>12:00 NOON</td></tr> <tr><td>END OF COMPETITION</td><td>1:15PM</td></tr> <tr><td> </td><td> </td></tr> </table> </div> </div> | | <i>COMPETITION /ORIENTATION</i> | 8:00AM | PROJECT START | 9:00AM | BREAK | 10:00AM | RESUME PROJECT | 10:15AM | LUNCH BREAK | 11:30AM | RESUME PROJECT | 12:00 NOON | BREAK | 2:30PM | RESUME PROJECT | 2:45PM | COMPLETION OF DAY 1 | 5:00PM | RESUME PROJECT | 7:30AM | BREAK | 9:30AM | RESUME PROJECT | 9:45AM | LUNCH | 11:30AM | RESUME PROJECT | 12:00 NOON | END OF COMPETITION | 1:15PM | | |
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2020 PROVINCIAL SKILLS CANADA COMPETITION



CONTEST INTRODUCTION

- To evaluate each competitor's competency to organize and execute a given work assignment accurately and safely in the carpenter trade.
- To recognize outstanding excellence and professionalism.

SKILLS AND KNOWLEDGE TO BE TESTED:

- Demonstrate skills and competency in interpreting prints, shop drawings, and specifications.
- Demonstrate the safe use of hand and power tools.
- Demonstrate acceptable site management, housekeeping, and best practices.
- Proficient knowledge and demonstration of skill in; framing, cutting and drilling materials, fastening techniques, joinery, determining angles & elevations, trim & finishing.
- Quality, accuracy and thoroughness of workmanship.
- Ability to complete an assignment within a specified time frame.

PROJECT DESCRIPTION

Please see the attached dimensional prints for this year's Secondary competition. Contrary to previous years, a dimensional print is now released with this contest description for competitors to train and practice with prior to the competition. Please note that the attached project may change up to 30% on the day of the competition.

2020 PROVINCIAL SKILLS CANADA COMPETITION



EQUIPMENT & MATERIALS

Equipment and Materials Competitors Must Supply:

| Measuring/Layout | Safety | Assembly Tools | Misc. |
|---------------------|--|----------------------|-----------------------------|
| Pencils | CSA Approved (Green Triangle) Footwear | Hammer | Non-Programmable Calculator |
| Metric Tape Measure | Suitable work clothing | Screwdriver (Rob #2) | Carpenters Apron |
| Framing Square | | | Clamps (2 minimum) |
| Speed Square | Cutting Tools | Disassembly Tools | Sanding Block |
| Combination Square | 10-12 Point Finishing Hand Saw | Examples: | Sandpaper |
| Sliding T-Bevel | Wood Chisels | Nail Puller | |
| Stair Gauges | Smooth Plane | Glazing Bar | |
| Chalk Line | Block Plane | Wonder Bar | |

***NO personal electronic data devices (cell phones, smartphones, tablets, PDA's, etc.) will be allowed in the competition area.**

Equipment and Materials Supplied by the Committee:

| Power Tools And Equipment | | Safety | Materials |
|---------------------------|--------------------|---------------------------------|--|
| Cordless Drill | Saw Horses | CSA approved hard hat | All materials and fasteners will be provided for the project |
| Cordless Impact Driver | Step Work Platform | CSA approved safety glasses | |
| Cordless Circular Saw | Drill Bits | CSA approved hearing protection | |
| Cordless Jigsaws | Driver Bits | | |

*** NO additional power tools or power tool accessories will be allowed during the competition.**

*** Any tool or equipment not contained in the Contest Description will be inspected and approved/removed by a committee member.**

2020 PROVINCIAL SKILLS CANADA COMPETITION



SAFETY

The health, safety and welfare of all individuals involved with Skills Canada Alberta are of vital importance. Safety is a condition of participation with Skills Canada Alberta and shall not be sacrificed for the sake of expediency. At the discretion of the judges and technical committees, any competitor can be denied the right to participate should they not have the required proper safety equipment and/or act in an unsafe manner that can cause harm to themselves or others.

Safety Requirements: MANDATORY to compete

- CSA approved (Green Triangle) footwear (Competitor)
- CSA approved hard hat (Committee)
- CSA approved safety glasses (Committee) However, prescription glasses must conform to CSA regulations (Competitor)
- CSA approved hearing protection (Committee)
- Appropriate work clothing (Competitor)
- Competitors are required to follow all industry safety standards during the competition.

Clothing Requirement

Appropriate work clothing must be worn to compete. All clothing must be neat and clean and free of rips and tears. Casual wear such as shorts and open toed shoes/sandals will not be permitted. No loose fitting clothes or jewelry. Long hair is to be restrained.

2020 PROVINCIAL SKILLS CANADA COMPETITION



JUDGING CRITERIA

| | |
|-----------------------------|-------------|
| • <i>Safety/Clean-up</i> | 10% |
| • <i>Dimensions</i> | 30% |
| • <i>Construction</i> | 40% |
| • <i>Salability</i> | 10% |
| • <i>Material Usage</i> | 10% |
| <hr/> | |
| <i>Overall Total</i> | 100% |

TIE BREAKING PROCESS

If two or more competitors are tied in points at the end of the competition, the following tie breaking procedure will be used

- Step 1.** Participant with the highest Safety score.
- Step 2.** Participant who has completed the project in the least amount of time.
- Step 3.** Re-evaluate the projects with different judges

RELATED CAREER AND TECHNOLOGY STUDIES COURSES

Descriptions of all modules are located at the following website:

<http://www.education.gov.ab.ca/cts>

| | |
|----------|----------------------------------|
| CRA 3900 | APPRENTICESHIP SAFETY |
| CRA 3407 | HAND TOOLS THEORY |
| CRA 3417 | PORTABLE POWER TOOLS |
| CRA 3452 | SKETCHING & DRAWINGS |
| CRA 3457 | DRAWING PRINCIPLES |
| CON 1010 | CONSTRUCTION TOOLS AND MATERIALS |
| CON 1070 | BUILDING CONSTRUCTION |
| CON 1120 | PRODUCT MANAGEMENT |
| CON 1130 | SOLID STOCK CONSTRUCTION |
| CON 2035 | FRAMING SYSTEMS - FLOOR |
| CON 2045 | FRAMING SYSTEMS – WALL |
| CON 2050 | ROOF STRUCTURES 1 |

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ADDITIONAL INFORMATION

Skills Canada Alberta Regional and Provincial Rules and Regulations

[Regional and Provincial Rules and Regulations](#)

Competitor Registration

Registration for regionalized events will open online at <https://portal.skillsalberta.com/> on January 15, 2020 @ 8:30 AM. Please refer to the following links for additional registration information: [Tips for High School Teachers](#) and [Road to Provincials](#)

High School Competitor Information is [available here](#).

Lunch

Lunch for accredited competitors will be provided by Skills Canada Alberta. Teacher accreditation can be purchased online at: <https://skillsalberta.com/hospitality-access-pass>

Parking & Venue Maps: <http://edmontonexpocentre.com/attend/parking/>

Opening Ceremonies / Competitor Registration

Opening Ceremonies for the PSCC will take place on Tuesday May 5, 2020 at 6:00 pm in Hall D of the Edmonton EXPO Centre. Admission is free, and everyone is welcome to attend. It is important to note that competitor registration will open immediately following the Opening Ceremony.

Team Alberta Information

Team Alberta will be selected at the PSCC happening on May 6 - May 7, 2020. Gold medalists will then be eligible to participate at the Skills Canada National Competition (SCNC) on May 28 and May 29, 2020 in Vancouver, BC. It is recommended that competitors review the SCNC contest description to be familiar with the national contest description and project at <http://www.skillscanada.com/>.

During the PSCC Awards Ceremony on Thursday May 7, 2020 gold medalists will be given their Team Alberta information package and will confirm their participation in the SCNC. Students must be present at the Awards Ceremony to claim their position on Team Alberta. If the Gold medalist is not able to attend SCNC, the next top ranking individuals will be asked to participate. If a student is not able to attend the Awards Ceremony, a letter confirming the student's interest in Team Alberta participation must be emailed to katherinek@skillsalberta.com prior to the start of competition on May 6, 2020.

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Please prepare your students in advance to accept a position on Team Alberta and outline how your school will support their participation. Furthermore, it is very important that all fieldtrip/travel information for potential Team AB members is organized and completed prior to the selection of Team AB.

PROVINCIAL TECHNICAL COMMITTEE MEMBERS

| | |
|--|---|
| Gary Halvorson – Chair, Infrastructure, Industry Liaison | Michael Androschuk –SED Coordinator - North |
| Paul Bettio – Co-Chair, NTC Rep, Judge Coordinator | Raymond Ting – SED Coordinator - South |
| Alan Kabotoff –Chair, Infrastructure Lead | Kevin MacKenzie – High School Liaison |
| Hunter Shaw – Secretary, Safety Lead | John Wilkinson |
| Tony Lovell – Co-Safety | James Kovesy |
| Dwayne Rausch – Regional Project Lead | Shawn Scotney |
| Curtis Cassibo – Secondary Project Lead | Niklas Bartsch |
| Ron Bolokoski – Post-Secondary Project Lead | Luke Anderberg |
| Dwayne Rausch – Orientation Facilitator Lead | Crystal Bowen |
| Rod Woloschuk – Co-Orientation Facilitator | Jordan Kalzak |
| Len Lopatynski – Try-a-Trade Coordinator | Marc Beintema |
| Colin Belliveau – Try-a-Trade Coordinator | |