

2021 PROVINCIAL SKILLS CANADA COMPETITION



CONTEST DESCRIPTION

CONTEST AREA: CARPENTRY			LEVEL: Secondary
COMPETITION SCHEDULE:			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).
Live Stream Test	April 12, 2021	1:00-2:00PM	
Competition	April 16, 2021	8:00 AM	
COMPETITION SCHEDULE:			
WELCOME AND CHECK IN	8:00 AM – 8:15 AM		
SAFETY/PROJECT ORIENTATION - MANDATORY	8:15 AM – 9:00 AM		
COMPETITION	9:00 AM – 12:00 Noon		
LUNCH	12:00 – 12:30 PM		
COMPETITION	12:30 PM – 3:30 PM		
DURATION: 6 HOURS			LOCATION: COMPETITOR'S SCHOOL. SEE COMPETITION FORMAT INFORMATION BELOW
<p>COMPETITION FORMAT: (VIRTUAL/ IN SCHOOL)</p> <p>All secondary competitors will be competing with in their school environment and must arrange in advance with a teacher for a safe competition location, according to their school's Covid-19 safety policies. Teachers and competitors will need to work together to ensure the competitor is ready for success on their competition day.</p> <p>Competitors will need to be prepare their competition space with a FLOORPLAN AREA NOT TO EXCEED 14' x 12'. Competitors will need to compete within this space only. This space will also include all the required tools, equipment, materials, and technology for the competition.</p>			



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Each competitor must have a teacher/ supervisor available throughout the day, in case of incident. Teacher/supervisor must be present at the competition orientation. Competitors and Teachers should be prepared to receive additional information about the competition projects, livestreams, shipping, etc. prior to the competition. Please ensure you are double checking for emails from Skills, including checking junk mail.

WEBEX LIVESTREAMS:

Tech Check: A “Tech Check” will take place prior to the competition with the purpose of giving the competitor an opportunity to ensure they have all of the necessary technology in place to join in their virtual orientation meeting the morning of their competition. On the competition day, there will be no time to work out technology issues. This is the opportunity work out any unforeseen issues and to start your competition day off prepared. There may also be an opportunity to ask questions regarding the competition day if time allows. **An email with the WebEx link will be sent out in advance of the competition.**

Competition Safety and Project Orientation: The competition will begin with a virtual safety and project orientation. Competitors will join the assigned videoconference link that will be emailed to all registered competitors for the competition orientation. Camera’s MUST be on and competitors visible on the camera during the orientation.

Live Streamed Competition: Competitors must film their competition through out the entire day. Camera’s MUST be on and competitors visible on the camera, as well as mics working. Competitors must consider their camera angle and lighting in advance of the competition. It is the competitors responsibility to ensure they are prepared for a day long livestream.

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 Checklist: It is the responsibility of each competitor and teacher to review the Safety Checklist (<https://skillsalberta.com/additional-2021-competition-resources/>) in advance of the competition and



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ensure they are able to meet all safety requirements. During the orientation, the safety checklist will be formally reviewed.

AWARDS CEREMONY INFORMATION: Please join us for a live virtual awards ceremony on May 13th at 6:30PM.

Please note: This document is subject to change as competition information is updated. Competitors are responsible for staying up to date with the most recent information. Check the footer for last updated date. Changes will be highlighted in yellow.

CONTEST INTRODUCTION

- To evaluate each contestant'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.
- Quality, accuracy, and thoroughness of workmanship.
- Ability to complete an assignment within a specified time frame.

PROJECT DESCRIPTION

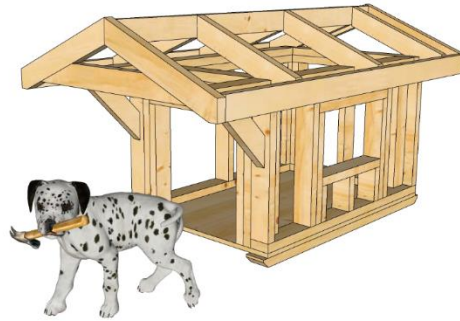
Please view the preliminary project print and Contest Description at <https://skillsalberta.com/overview/carpentry/>. Prior to the competition teachers and competitors will be able to access the competition dimensional print along with the evaluation sheet and judge's handbook.



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Doghouse Frame



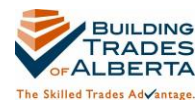
EQUIPMENT & MATERIALS

VIRTUAL COMPETITION RESOURCE SUPPORT FORM

A \$315 competition resource subsidy is available to all competitors. It is intended to cover the cost of all materials and fasteners required to complete the project on the day of competition. The form can be accessed at the following link: <https://skillsalberta.com/additional-2021-competition-resources/>

Skills Alberta Provided Tools, Materials, and Equipment

Cordless Circular Saw Kit DeWalt (includes battery and charger)	Cordless Jig Saw Kit DeWalt (includes battery and charger)	#8 Countersink Bit	Drill Bits
Cordless Drill & Impact Driver Kit DeWalt (includes battery and charger)	Jig Saw Blades	#2 Rob Driver Bit	



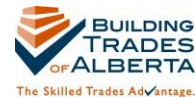
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Competitor / School Provided Tools, Materials, and Equipment*

Safety-CSA Approved	Measuring and Layout	Assembly Tools	Misc.
Footwear-green triangle standard	Pencils	Hammer	Non-Programmable Calculator
Hearing Protection	Metric Tape Measure	Screwdriver (Rob #2)	Carpenters Apron
Eye Protection	Framing Square	Disassembly Tools	2-12" Speed Clamps (minimum)
Hard Hat (as required)	Speed Square and/or Combination Square and/or Sliding T-Bevel	Nail Puller and/or Glazing Bar and/or Cat's paw and/or Wonder Bar	Sanding Block
Gloves (Optional)	Chalk Line	Cutting Tools	Sandpaper
Dust Mask (as required)	Stair Gauges	Hand Saw	24 - 38 X 89 - 2440 Spruce (2" x 4" - 8') SPF #2 or Better
First Aid Kit	Sawhorses	Wood Chisels	300 - 3" wood screws or 3 ¼" coated nails 50 - 2" wood screws or coated nails
		Block Plane	1 - 800 x 1200 x 19 (3/4" ply)

* No additional hand tools, power tools or power tool accessories will be allowed during the competition.



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*NO personal electronic data devices (cell phones, smartphones, tablets, etc.) will be allowed during the competition (with the exception of accessing the livestream link.)

*Competitors and schools will need to work together to arrange for the tools, equipment, and materials provided by the competitor. If a competitor and/or school is not able to procure a certain item, please contact mikes@skillsalberta.com to inquire if additional arrangements can be made.

JUDGING CRITERIA

- | | |
|-------------------|-----|
| • SAFETY/CLEAN-UP | 15% |
| • DIMENSIONS | 35% |
| • CONSTRUCTION | 35% |
| • SALEABILITY | 5% |
| • MATERIAL USAGE | 10% |

OVERALL TOTAL	100%
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TIE BREAKING PROCESS

If two or more participants 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.

CLOTHING REQUIREMENT

Safety protection and appropriate work clothing **must** be worn to compete. Safety protection includes footwear, hard hat (when required), safety glasses, and hearing protection. 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. Competitors are required to follow all industry safety standards during the competition.



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RELATED CAREER AND TECHNOLOGY STUDIES COURSES

Descriptions of all modules are located at the following website:

https://education.alberta.ca/media/160534/con_course_summaries_old.pdf

- 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

ADDITIONAL INFORMATION

Skills Canada Alberta Regional and Provincial Rules and Regulations
[Regional and Provincial Rules and Regulations](#)

Lunch

Lunch will be provided by Skills Canada Alberta

Virtual Awards Ceremony

The Virtual Awards Ceremony will take place **Thursday, May 13th at 6:30PM**. A link will be made available on the website with additional information.



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Team Alberta Information

Team Alberta will be selected from competition Gold medalists who will then be eligible to participate at the Skills Canada National Competition (SCNC) in a virtual format May 25-30, 2021. 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/>.

Ethical Conduct

We recognize that participants will be competing individually in their own unique environments. We expect all competitors to compete fairly, respecting and abiding by the established rules in the true spirit of Skills Canada Alberta.

Letter of Participation

Competitors who participate in the 2021 Provincial Skills Canada Competition are eligible for a Letter of Participation that can be downloaded on the Registration Portal after the competition ends.

PROVINCIAL TECHNICAL COMMITTEE MEMBERS

Gary Halvorson (Chair)	Tony Lovell (Co-Safety Coordinator)
Paul Bettio (Associate Chair)	Len Lopatynski (Co-Safety Coordinator)
Kevin McKinley (Technology Lead)	Alan Kabotoff (Secondary Lead)
Kevin MacKenzie (Regional Lead)	Ron Bolokoski (Post-Secondary Lead)

