

2021 PROVINCIAL SKILLS CANADA COMPETITION



CONTEST DESCRIPTION

CONTEST AREA: JOINERY			LEVEL: Secondary
COMPETITION SCHEDULE:			LOCATION: COMPETITOR'S SCHOOL. SEE COMPETITION FORMAT INFORMATION BELOW
Registration	Wednesday, April 14	7:30am 7:45am	
Competition	Wednesday, April 14	8:15am- 3:15pm	
DURATION: 6 HR.			REGIONALIZED: No
<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. They will need to prepare their competition space with all of the required tools, equipment, materials, and technology (as listed below) that will be needed to complete the competition. Teachers and competitors will need to work together to ensure the competitor is ready for success on their competition day.</p> <p>Each competitor must have a teacher/ supervisor available throughout the day, in case of incident. (Teacher/Supervisor must be present at the competition orientation.)</p> <p>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.</p> <p>Competition Orientation: The competition will begin with a virtual 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. An email with the WebEx link will be sent out in advance of the competition.</p>			
<p>PROJECT SUBMISSION DEADLINE: APRIL 14 BY 3:30</p> <p>PROJECT SUBMISSION LINK:</p> <ul style="list-style-type: none"> • https://form.jotform.com/SkillsAB/2021joinery Submissions will be due within 15 minutes of the end of competition time. • Please note: Late submissions sent after the date and time specified above will not be accepted. 			

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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 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

Joinery is the process of connecting or joining two or more pieces of wood together using various wood joints. In the timber frame industry joinery is part of the overall strength and construction of bents. In fine woodworking, common forms of joinery include dovetail joints, mortise-and-tenon joints, biscuit joints, lap joints, spline joints, etc. Joiners construct doors, windows, stairs and other architectural objects. Joinery involves work both by hand and machine.

Over the course of 1 day the participants will demonstrate their Joinery abilities in assembling a project. Each participant will receive a set a plans, a work space, materials and related power tools to complete the task.

PLEASE NOTE**

Joinery is currently not an event at the SCNC and therefore the gold medalist of the Secondary Joinery Competition will not become part of Team Alberta and will not compete at the SCNC. Medals will be awarded during the Awards Ceremony.

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SKILLS AND KNOWLEDGE TO BE TESTED

- The ability to hand cut a number of joints such as:
 - Dovetail
 - Mortise and Tenon
- Hand Plane
- The ability to layout joints to be cut
- The ability to read plans and follow written and verbal instructions
- The ability to work safely and efficiently
- The ability to use the following power tools:
 - Drill Press
 - Cordless Drill
 - Chisel Mortisers
 - Miter Saw
 - Router Tables
 - Bandsaws

PROJECT DESCRIPTION

Please see the attached project plans that are available for competitors to practice and train. Please note that these plans are preliminary and may be subject to change. Please check the website frequently for updates. The PTC reserves the right for a 20% change to the plans prior to competition.

SUBMISSION REQUIREMENTS

The Judging of the projects takes place by using photos that are submitted using the submission link listed above. Further instructions will be emailed prior to the competition.

EQUIPMENT & MATERIALS

Skills Canada Alberta Provided Tools, Materials, and Equipment

CSA Approved Safety Glass	Miter Saw Stand	
½" Cordless Drill, DeWalt	Project Materials	
10" Miter Saw, DeWalt		

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School/Competitor Provided Tools, Materials, and Equipment*

CSA Approved Steel Toed Shoes	Personal clamps	Sliding T bevel
Router Table & bits	Drill press & Forstner bits	Glue/ sandpaper
Bandsaw	Chisel mortise	File or rasp used for wood
Standard Set of chisels	Block Plane (other planes)	Work bench
Sanding block	Combination square	Cabinet scraper
Utility Knife	Metric tape and/or folding ruler	Dovetail saw
Cross cut saw (fine and/or Japanese)	Marking gauge	Wooden Mallet
Pencil Sharpener	Pencils	Eraser
600mm Steel Ruler or Folding Ruler		

*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.

VIRTUAL COMPETITION RESOURCE SUPPORT FORM

A \$40 competition resource subsidy is available to all competitors. It is intended for items that were purchased to support competitors (e.g. food supplies, materials, technical equipment, tools, etc.). The form can be accessed at the following link: <https://skillsalberta.com/additional-2021-competition-resources/>

SHIPPING INFORMATION

Any tools and equipment provided by Skills Canada Alberta will be shipped to your school by: **April 13th**
If you do not receive your shipment by this time, please contact: whitneyk@skillsalberta.com.

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JUDGING CRITERIA AND INFORMATION

Teachers/Competitors are required to have a 600MM Steel Ruler or 600MM Folding Ruler to be used in the photo submission photos for measurement.

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|---------------------------------|-----|
| • <i>Dimensions</i> | 30% |
| • <i>Construction</i> | 40% |
| • <i>Sale ability/Finishing</i> | 30% |

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 shall apply to determine the placing:

- Step 1. Re-evaluate the effected projects with different judges.
- Step 2. Participant who has completed the project in the least amount of time.

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. CSA approved steel toed boots must be worn at all times

RELATED CAREER AND TECHNOLOGY STUDIES COURSES

Descriptions of all modules are located at the following website:

<https://education.alberta.ca/media/160535/cons.pdf>

- CON 1010 CONSTRUCTION TOOLS & MATERIALS
- CON 1120 PRODUCT MANAGEMENT
- CON 1130 SOLID STOCK CONSTRUCTION
- CON1160: MANUFACTURED MATERIALS

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- CON3130: FURNITURE – LEG & RAIL

ADDITIONAL INFORMATION

Skills Canada Alberta Regional and Provincial Rules and Regulations

[Regional and Provincial Rules and Regulations](#)

Competitor Registration

Competition Registration will open online at <https://portal.skillsalberta.com/> on January 12, 2021 at 8:30AM for the Regional Skills Canada Competition and on January 14, 2021 at 8:30 AM for the Provincial Skills Canada Competition (PSCC)

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.

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.

COMMITTEE MEMBERS

Kendell Anquist-SAIT		
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