

2022 SECONDARY SKILLS CANADA ALBERTA VIRTUAL COMPETITION

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CONTEST DESCRIPTION

CONTEST AREA: JOINERY			LEVEL: Secondary
COMPETITION SCHEDULE: Competition Date: Wednesday April 13 th , 2022 Duration: 6 Hours			LOCATION: COMPETITOR'S SCHOOL. SEE COMPETITION FORMAT INFORMATION BELOW
Registration	Wednesday, April 13	7:30am	LIVESTREAMED: YES – COMPETITORS WILL BE REQUIRED TO BE ON CAMERA THROUGH THE ENTIRE COMPETITION
Orientation		7:45am	
Competition	Wednesday, April 13	8:15am- 3:15pm	
Lunch		12:00pm- 12:30pm	
COMPETITION FORMAT: (VIRTUAL/ IN SCHOOL) 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.			
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: Competition Registration and Orientation: The competition will begin with a mandatory virtual registration. Competitors will join the assigned link that will be emailed to all registered competitors and registering teachers in advance. This will be the time that competitors are able to check in and ensure sound, cameras, and tech are working appropriately. The registration will be followed by competition orientation. Camera's MUST be on and competitors visible on the camera during the orientation.			
Competition Livestream: Competitors must remain on camera through their entire competition. 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			



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competition. It is the competitor's responsibility to ensure they are prepared for the competition livestream.

PROJECT SUBMISSION DEADLINE: April 13th by 4:00PM

PROJECT SUBMISSION LINK:

- <https://form.jotform.com/SkillsAB/2022SCAVC>
- Multiple files can be uploaded at once, each file has a maximum size of 1G. If file sizes are larger than 1G, please follow alternate instructions through the submission link.

ACCEPTED FILE TYPE: pdf, doc, docx, xls, xlsx, csv, txt, rtf, html, zip, mp3, wma, mpg, flv, avi, jpg, jpeg, png, gif. If you would like to submit a different type of file, please place it in a zip folder.

To create a zip file – Select all the files that you would like to submit and right-click your mouse, a menu will open, select Send To, and then click on Compressed (zipped) folder. A zip file will then be created containing your submission documents.

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.

SAFETY

Safety Checklist: It is the responsibility of each competitor and teacher to review the Safety Checklist in advance of the competition to ensure all safety requirements are met prior to the competition. During the official competition orientation, the Safety Checklist will be formally reviewed with competitors. The Safety Checklist is posted as a sperate document with the Contest Description.

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



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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 of plans, a work space, materials and related hand 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.

SKILLS AND KNOWLEDGE TO BE TESTED

- The ability to hand cut a number of joints such as:
 - Half Lap
 - Chamfer
- 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

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.

This is a You Tube video of a similar project. [Mini Japanese Sawhorse](#)



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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

Required Project Materials		
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Competitor/School Provided Tools, Materials, and Equipment*

CSA Approved Steel Toed Shoes	Clamps	Sliding T bevel
CSA Approved Safety Glass	Drill press & Forstner bit	Glue/ sandpaper
Standard Set of chisels	½" Forstner bit	File or rasp used for wood
Wooden Mallet	Block Plane (other planes)	Work bench
Sanding block	Combination square	Cabinet scraper
Utility Knife	Metric tape measure	Dovetail saw
Marking gauge	600mm Steel Ruler or Folding Ruler	Cross cut saw (fine and/or Japanese)
Pencil Sharpener	Pencils	Eraser

*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.

SHIPPING INFORMATION



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Materials provided by Skills Canada Alberta will be shipped to your school by: **April 8th** If you do not receive your shipment by this time, please contact: whitneyk@skillsalberta.com.

JUDGING CRITERIA

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

- *Dimensions* 30%
- *Construction* 40%
- *Sale ability/Finishing* 30%

Overall Total 100%

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.



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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/160535/cons.pdf>

- CON 1010 CONSTRUCTION TOOLS & MATERIALS
- CON 1120 PRODUCT MANAGEMENT
- CON 1130 SOLID STOCK CONSTRUCTION
- CON1160: MANUFACTURED MATERIALS
- CON3130: FURNITURE – LEG & RAIL

ADDITIONAL INFORMATION

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

Competitor Registration

Registration for Secondary Skills Canada Alberta Virtual Competition will open online at <https://portal.skillsalberta.com/> on January 26, 2022 at 8:30 AM. There will be no registration fee for competitors to compete. Late cancellation or drop-spots fees may apply.

Lunch

Lunch will NOT be provided.

Virtual Awards Ceremony

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

Team Alberta Information

Top eligible medalists will compete virtually in the Skills Canada National Competition (SCNC) May 16-27, 2022. 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/>.

If a competitor is not able to attend the SCNC, competitors **MUST** notify Victoria Anderson Victoriaa@skillsalberta.com prior to the start of competition. If a gold medalist is not able to attend the SCNC, the next top-ranking individual will be asked to participate.



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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 2022 Provincial Skills Canada Competition are eligible for a Letter of Participation that can be downloaded on the Registration Portal after the competition ends.

Questions?

Please contact Mike Sury Mikes@skillsalberta.com if you have any questions regarding the Contest Description.

COMMITTEE MEMBERS

Kendell Anquist-SAIT		
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