

2022 SECONDARY SKILLS CANADA ALBERTA VIRTUAL COMPETITION

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CONTEST DESCRIPTION

CONTEST AREA: CABINET MAKING	LEVEL: Secondary																				
<p> COMPETITION SCHEDULE: Competition Date: Tuesday April 12th, 2022 Duration: 6 Hours </p> <table border="1" data-bbox="198 527 889 1066"> <tr> <td>Live Stream – Check-In</td> <td>Begins @ 7:30 a.m.</td> </tr> <tr> <td>Safety Orientation – Check-In</td> <td>8:00 – 8:30</td> </tr> <tr> <td>Competition Start</td> <td>8:30 – 10:30</td> </tr> <tr> <td>Break – Check-In</td> <td>10:30 -10:45</td> </tr> <tr> <td>Competition resumes</td> <td>10:45 -12:15</td> </tr> <tr> <td>Lunch – Check-In</td> <td>12:15-1:00</td> </tr> <tr> <td>Competition resumes</td> <td>1:00-2:30</td> </tr> <tr> <td>Break – Check-In</td> <td>2:30-2:45</td> </tr> <tr> <td>Competition Ends</td> <td>2:45-3:45</td> </tr> <tr> <td>PROJECTS or PHOTOS DUE</td> <td>4:00 p.m.</td> </tr> </table>	Live Stream – Check-In	Begins @ 7:30 a.m.	Safety Orientation – Check-In	8:00 – 8:30	Competition Start	8:30 – 10:30	Break – Check-In	10:30 -10:45	Competition resumes	10:45 -12:15	Lunch – Check-In	12:15-1:00	Competition resumes	1:00-2:30	Break – Check-In	2:30-2:45	Competition Ends	2:45-3:45	PROJECTS or PHOTOS DUE	4:00 p.m.	<p> LOCATION: COMPETITOR’S SCHOOL. SEE COMPETITION FORMAT INFORMATION BELOW </p> <p> LIVESTREAMED: YES – COMPETITORS WILL BE REQUIRED TO BE ON CAMERA THROUGH THE ENTIRE COMPETITION. PLEASE SEE BELOW FOR MORE INFORMATION </p>
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<p> 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. </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> 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 </p>																					



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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. Competitors will join the assigned videoconference link that will be emailed to all registered competitors. **Competitors will need to position their camera in such a way that the judges can see their entire work area from an exterior view.** It is highly recommended that technology be set up and tested prior to the day of the competition. Competitors will be expected to have their camera on for the orientation but will be able to log off once the competition has started.

PROJECT SUBMISSION DEADLINE: April 12th by 4:00PM

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.

Competitors must use the photo template (found with the project prints) to showcase their final project work. They must upload this completed document by the time above to the link below:

PROJECT SUBMISSION LINK:

- <https://form.jotform.com/SkillsAB/2021PSCC>
- 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:

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 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 separate document with the Contest Description.

Submission Link for Portfolio & Pictures: <https://form.jotform.com/SkillsAB/2022SCAVC>



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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.

CONTEST INTRODUCTION

The *Button Box* project is designed to provide an opportunity for contestants to demonstrate a variety of woodworking skills and abilities. Participants will need to be able to interpret the drawing and perform various joinery techniques to construct the project. The competent and safe use of hand tools, portable power tools and stationary power tools will be required to complete the project.

SKILLS AND KNOWLEDGE TO BE TESTED

- Reading plans
- Planning work procedures
- Layout and cutting of dovetail joints with hand tools
- Cutting components to size accurately with mitre and table saws
- Efficient glue up and assembly of the project
- Competent clean up and sanding of the project

PROJECT DESCRIPTION

The project is a 4 corner mitred box with a sliding tray and a chamfered lid with hardwood edging. It is designed to reinforce common cabinetmaking practices, as well as, test higher level hand skills in a short time frame.

- A mitred case reinforced with dowel pegs
- Hand cut dovetails as part of a wood on wood sliding tray
- A chamfered lift off lid with a universal reveal.

EQUIPMENT & MATERIALS

Equipment and Materials Supplied by the Committee to the Competitor:

Each competitor will receive one (1) project kit that contains the required materials to build project.

Equipment and materials competitors must supply:

Safety glasses	Safety foot wear	Metric tape measure
Pencils (HB or 2H)	Calculator (optional)	

- NO PRE-MADE JIGS WILL BE ALLOWED. Milled material will be provided.



Competitors materials will be limited to the following:

HAND TOOLS	EQUIPMENT	SUPPLIES
Sanding Block	Table saw- mitre gauge or crosscut sled/mitre sled	Supplied wood & materials
Block plane		*extra materials may be used for setup
Coping/Fret saw	Router table	Supplied router bits
Marking Gauge	Compound Mitre saw	All adhesives
Square	Workbench	Masking tape
Sliding t-bevel	Drill Press / Cordless drills	Sandpaper (80-150 grit)
Dovetail saw	Laminate Trimmers	Brad point drill bit (to match dowel)
Bevelled chisels	Bar and f-clamps	
Orbital Sander		

RECOMMENDED PROCEDURES LIST

Instructors may set up all router table operations.

Mitres for Carcass- Table Saw with a mitre gauge & auxiliary fence or mitre sled or mitre Saw

Plough (Dado) cut for tray- Router table. This is NOT a stopped cut.

Plough (Dado) cut for carcass- Router table or multiple cuts ripping on the Table Saw.

Rabbet for Lid- Router table or Table saw with supervision.

Chamfer for Lid- Router table set up or laminate trimmer with material clamped.

Dowels and Lid hole- Drill press or hand drill.

Dovetails- Hand Cut Only. No power tools may be used in any part of this process.

Edging- Flush trim bit on a laminate trimmer or block plane and hand sanding.

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CLOTHING REQUIREMENT

It is important that competitors present a professional image and appearance. 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 will not be permitted. No loose fitting clothes or jewelry.

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

CON1010	CON1120	CON1130	CON1160
CON2130	CON2140	CON2170	

JUDGING CRITERIA

- Dimensions 24%
 - Joinery 46%
 - Fit and Finish 30%
- Overall Total 100%

TIE BREAKING PROCESS

The quality of the dovetails will determine the winner in the event of a tie. If the results are still inconclusive the quality of the remaining joinery will be used.

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)ay 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 Katherine Kupchenko katherinek@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.

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 Whitney Koop whitneyk@skillsalberta.com if you have any questions regarding the Contest Description.

COMMITTEE MEMBERS

Harold Bergmann	SAIT
Steve Woodard	Bev Facey High School
Ivan Mazuryk	Notre Dame High School
Aaron Saunders	Lord Beaverbrook High School
Taylor Desjardins	
Tyler Wagner	

