

2022 POST-SECONDARY PROVINCIAL SKILLS CANADA COMPETITION



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Contest Description

Edmonton Expo Centre, Edmonton

May 4 & May 5, 2022

EVENT: Cabinet Making	LEVEL: Post-Secondary																																
WORLDSKILLS TRADE #: 24	LOCATION: Edmonton Expo Centre, Edmonton																																
DURATION: 12 hours (two days)																																	
COMPETITION SCHEDULE: MAY 4, DAY 1	MAY 5, DAY 2																																
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Please Note: Due to the uncertainty caused by COVID 19, the PSCC could be subject to change at any time based on the public health context. 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:

Competitors will have an opportunity to demonstrate their knowledge, skill, and craftsmanship in a fun and competitive environment. Projects will be evaluated by a team of industry professionals and educators and the winner will earn the chance to represent Alberta at the Skills Canada National Competition.

Last Updated February 9, 2022



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SKILLS AND KNOWLEDGE TO BE TESTED:

- Interpretation of drawings and specifications
- Planning and scheduling of processes
- Accurate measuring and mark out of joinery
- Safe use of basic hand tools and machinery such as: table saw, table router, band saw, miter saw, drill press, portable power tools and chisel mortiser
- Proper gluing techniques
- Final surface preparation before finishing
- Using critical thinking to solve construction problems

PROJECT DESCRIPTION:

This year's project includes mortise and tenon joints as well as dowel and biscuit joinery to build a table with a dovetailed drawer and a diamond match veneered top.

See the drawings for specifications regarding this year's Post-Secondary project. Please note that the project and marking scale **may** be changed up to 30% for the actual competition. The project combines the use of panel products and solid woods. Joinery techniques and surface preparation all need to come together for a successful outcome. Competitors must be competent with hand tools, stationary woodworking machinery, and portable power tools. Safe working practices will be in effect at all times.

EQUIPMENT AND MATERIALS

Equipment and Materials Competitors To Supply:

Any and all conventional hand tools commonly found in a cabinetmaker's tool box may be supplied by a competitor. No pre-made, project specific jigs or fixtures may be used in the competition. No commercial jigs or fixtures may be used for cutting dovetails. Dovetail layout markers are allowed. Competitors may use excess of supplied material to make on site jigs.

Recommended Equipment supplied by the competitor should include:

CSA Steel Toed Work Boots*	Utility knife	Set of bench chisels
CSA Safety Glasses *	Hammer	Sanding block
CSA Hearing Protection*	Metric tape measure	Cabinet scraper
Block and smoothing plane	Measuring tools	Combination square
Masking or fiber tape	Marking gauge	Wooden Mallet
Calculator	Sliding T-bevel	Clamps to assemble project

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Pencils	Try Square	Flush Trim Saw
Dovetail Saw	Coping/Fret Saw	#1 & #2 Robertson Drivers

*Safety Equipment is MANDATORY and competitors MUST be wearing appropriate PPE (Personal Protective Equipment) in order to compete. The committee will have a supply of additional hearing and eye protection, but we strongly encourage competitors to bring the PPE they are familiar with and comfortable in. Prescription safety glasses must include side shields and properly fitting eye protection must be worn over regular glasses.

Equipment and Materials Supplied by the Committee:

All project materials, solids and sheet goods	All adhesives	Selection of Sandpaper
Hardware and screws as required	Miter Saws	Table Saws/No Dado Blades
Edge Sander	Biscuit Joiner	Table Routers and Bits
Cordless Drills	Vacuum Bag and Pump (if required)	Cross Cut Sleds
Drill Bits	Air Nailer	Work Benches
Chisel Mortisers (if required)	Dust Collector	Drill Press

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. Steel toed boots and safety glasses are mandatory. No loose fitting clothes or jewelry allowed while using machinery.

JUDGING CRITERIA

The marking scale will be based on the following points breakdown:

- Overall dimensions 10%
- Detail dimensions 10%
- Joinery 30%
- Assembly 30%
- Surface preparation 10%

(There may be slight deviation in the actual percentages)

The posted project drawings may change up to 30% for the actual competition project.

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TIE BREAKING PROCESS

In the event of a tie in overall marks, the following will be used as the tiebreakers:

- Tiebreaker #1 – Dovetail joints prior to assembly
- Tiebreaker #2 – Joinery section mark
- Tiebreaker #3 – Overall dimensions mark

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.

*Please Note: All safety equipment must be worn at all times during the competition.

ADDITIONAL INFORMATION

Skills Canada Alberta Regional and Provincial Rules and Regulations

[Regional and Provincial Rules and Regulations](#)

Competitors must be prepared to adhere to all public health measures in place at the time of the PSCC.

Lunch

Lunch for competitors will be provided by Skills Canada Alberta.

Parking & Venue Maps

<http://edmontonexpocentre.com/attend/parking/>

Competitor Registration

Competitor Registration for the PSCC will take place on Tuesday May 3, 2022 from 9:00am-6:00pm outside Hall B of the Edmonton EXPO Centre. Please note you will be required to present your COVID-19 proof of vaccination.

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 prior to the ceremonies.

Team Alberta Information

Team Alberta (Post-Secondary) will be selected at the PSCC happening on May 4 - May 5, 2022. Top eligible medalists will compete at the Skills Canada National Competition (SCNC) May 24-28, 2022 in Vancouver, BC. It

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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.

Test Project change at the Competition

Where the Test Project has been circulated to Competitors in advance, PTC can change a maximum of 30% of the work content.

Questions?

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

COMMITTEE MEMBERS

Andrew Spring –	Aaron Saunders
Josh Allen	Ivan Mazuryk
Melinda Spring	Mick McGowan
Harold Bergmann (Committee Chair)	Dustin Sejdl
Mitch Christopherson - NAIT	Steve Woodard
Taylor Desjardins	
Tyler Wagner	