



2023 Provincial Skills Canada Competition



Contest Description

Edmonton Expo Centre, Edmonton

May 3 & May 4, 2023

EVENT: Cabinet Making	LEVEL: Post-Secondary
WORLDSKILLS TRADE #: 24	LOCATION: HALL C, Edmonton Expo Centre, Edmonton
DURATION: 12 hours total - 7 on Day 1, 5 on Day 2	
COMPETITION SCHEDULE: MAY 3, DAY 1	MAY 4, DAY 2
<i>Orientation/Briefing</i>	8:00am – 8:30 am
COMPETITION	8:30am – 10:00am
<i>BREAK</i>	10:00am - 10:15am
COMPETITION	10:15am – 11:30am
<i>LUNCH</i>	11:30am - 12:15pm
COMPETITION	12:15pm – 2:15pm
<i>BREAK</i>	2:15pm - 2:30pm
COMPETITION	2:30pm - 4:45pm
<i>CLEAN UP</i>	4:45pm – 5:00pm
	<i>BRIEFING</i>
	8:00am – 8:15am
	COMPETITION
	8:15am – 10:00am
	<i>BREAK</i>
	10:00am – 10:15am
	COMPETITION
	10:15am – 11:30am
	<i>LUNCH</i>
	11:30am - 12:15pm
	COMPETITION
	12:15pm - 2:15pm
	<i>CLEANUP</i>
	2:15pm - 2:30pm

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.

SKILLS AND KNOWLEDGE TO BE TESTED:

- Interpretation of drawings and specifications
- Planning and scheduling of processes
- Accurate measuring and mark out of joinery



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- 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 has two main components - a lower frame incorporating solid wood joinery and an upper cabinet with a hinged door. The project includes various different skill elements such as:

- Case with mitred corner joinery, an adjustable shelf and a grooved in back
- Lower frame with curved solid components
- Hand cut dovetail lap joinery

Project drawings will be posted with specifications for this year’s project. Please note that the actual competition project **may** have up to 30% change from the posted drawings.

The project combines the use of solid wood and manufactured sheet goods. Clean machining of components, efficient assembly and consistent 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:

Conventional hand tools commonly found in a cabinetmaker's tool box may be supplied by the 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
Pencils	Try Square	Flush Trim Saw





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Dovetail Saw	Coping/Fret Saw	Assorted Screwdrivers
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*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	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 or sleeveless T-shirts will not be permitted. Steel toed boots and safety glasses are mandatory. Loose fitting sleeves, dangling jewelry or other items such as hoodie strings and lanyards should be avoided while using machinery.

JUDGING CRITERIA

The project elements will be marked according to the following guidelines:

Overall Dimensions	10%
Detail Dimensions	10%
Case Joinery and Assembly	30%
Lower Frame Joinery and Assembly	30%
Surface Preparation	15%
Drawing Reading Quiz	5%

Some of the joinery components will be marked **prior to assembly** so that internal surfaces may be evaluated. It is up to the competitors to make sure those components are handed in.





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Exact weighting of elements may deviate slightly on the actual marking rubric.

TIE BREAKING PROCESS

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

- Tiebreaker #1 – Drawing Reading Quiz
- Tiebreaker #2 – Lap dovetail joints prior to assembly
- 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: Personal Protective 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](#)

Lunch

Lunch for competitors will be provided by Skills Canada Alberta.

Parking & Venue Maps

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

Opening Ceremonies / On-site Provincial Competitor Registration

Opening Ceremonies for the PSCC will take place on Tuesday May 2, 2023 at 6:00 pm in Hall D of the Edmonton EXPO Centre. Admission is free, and everyone is welcome to attend. It is important to note that competitor registration will open immediately following the Opening Ceremony.

Awards Ceremony

The Awards Ceremony will take place on Thursday May 4, 2023 at 6:30 pm in Hall D of the Edmonton EXPO Centre. Admission is free and everyone is welcome to attend. The Awards Ceremony will be shown live at <http://skillsalberta.com/>



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Team Alberta Information

Team Alberta will be selected at the PSCC Awards Ceremony. Gold medalists will then be eligible to participate at the Skills Canada National Competition (SCNC) on May 24- 27, 2023 in Winnipeg MB. 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/>.

During the PSCC Awards Ceremony on Thursday May 4, 2023 gold medalists will be given their Team Alberta information package and will confirm their participation in the SCNC. Students must be present at the Awards Ceremony to claim their position on Team Alberta. If the Gold medalist is not able to attend SCNC, the next top ranking individuals will be asked to participate. If a student is not able to attend the Awards Ceremony a letter confirming the student’s interest in Team Alberta participation must be emailed to javierad@skillsalberta.com prior to the start of competition on May 3, 2023.

Please prepare your students in advance to accept a position on Team Alberta and outline how your school will support their participation.

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 Kennedy Mayer at kennedym@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 SejdI
Mitch Christopherson	Steve Woodard
Taylor Desjardins	Andrew Campbell
Tyler Wagner	Christian Lohmann

