



2023 Regional Skills Canada Competition



2023 South West Regional Skills Canada Competition

Contest Description (Scope Document)

Lethbridge College

Saturday, March 18, 2023

EVENT: Carpentry		LEVEL: Secondary
DURATION OF CONTEST: 5.5 HOURS		LOCATION Lethbridge College TR 1835
COMPETITION SCHEDULE:		REGIONALIZED: YES If YES, To compete at the Provincial Skills Canada Competition students must qualify at their Regional Skills Canada Competition.
CHECK IN (CE 1305)	7:30 A.M.	
ORIENTATION	7:45 A.M.	
COMPETITION BEGINS	8:00 A.M.	
LUNCH	11:45 A.M. – 12:15 P.M.	
COMPETITION ENDS	2:00 P.M.	
AWARDS CEREMONY INFORMATION: The awards ceremony will be held at 4:00 p.m. in the Swing Space (AN1804). It is open to the public, parents are encouraged to attend.		

CONTEST INTRODUCTION

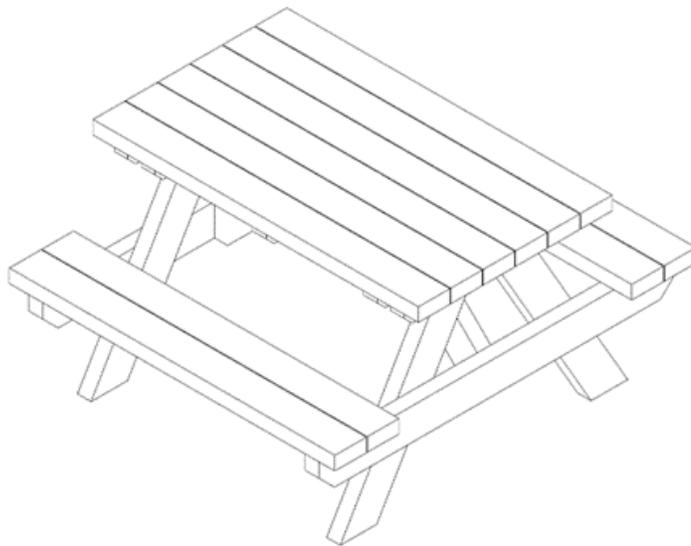
- To evaluate each contestant’s competency to organize and execute a given work assignment accurately and safely in the carpenter trade.
- To recognize outstanding excellence and professionalism.

SKILLS AND KNOWLEDGE TO BE TESTED

- Demonstrate skills and competency in interpreting prints, shop drawings, and specifications.
- Demonstrate the safe use of hand and power tools.
- Demonstrate acceptable site management, housekeeping, and best practices.
- Proficient knowledge and demonstration of skill in; framing, cutting and drilling materials, fastening techniques, joinery, determining angles & elevations, trim & finishing.
- Quality, accuracy and thoroughness of workmanship.
- Ability to complete an assignment within a specified time frame.

PROJECT DESCRIPTION

Please see the attached practice plans released along with the contest description in addition to this isometric image. On the day of the Regional Competition, competitors will be provided the actual Competition Plans which may have been changed up to 30% from the practice set.



PICNIC TABLE

EQUIPMENT & MATERIALS

Equipment and Materials Competitors Must Supply:

- CSA approved steel toed shoes/work boots (toe caps provided for competitors without approved footwear)
- Suitable work clothing
- Competitors are required to follow all industry safety standards during the competition.

***NO personal electronic data devices (cell phones, smartphones, tablets, etc.) will be allowed in the competition area.**



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Equipment and Materials Supplied by the Committee:

Measuring/Layout	Cutting Tools	Assembly Tools	Misc.
Pencils	10-12 Point Finishing Hand Saw	Hammer / Mallet	Non-Programmable Calculator
Metric Tape Measure	Wood Chisels	Screwdriver (Rob #2)	Speed or Pipe Clamps
Framing Square	Smooth & Block Plane		Clamps over 12"
Speed Square	Utility Knife	Disassembly Tools	Sanding Block
Combination Square	Power Tools	Examples:	Sandpaper (100 grit)
Sliding T-Bevel	Drill	Glazing Bar	
Stair Gauges	Impact Driver	Cat's paw	
Chalk Line	Jigsaw	Wonder Bar	
Saw Horses	Circular Saw	Safety	Materials
	Driver Bits	CSA approved safety glasses, hearing protection and hard hat	All materials and fasteners will be provided for the project
	Drill Bits		
		Dust Masks	
		First Aid Station	

The above noted power tools and equipment will be provided however, competitors may bring their own if they wish as per the above list.

- * No additional power tools or power tools accessories will be allowed during the competition.
- * Any tool or equipment not contained in the scope will be inspected and approved/removed by committee member.
- * No additional home-made jigs or gauges, power tools or power tools accessories will be allowed during the competition.

JUDGING CRITERIA

- SAFETY/CLEAN-UP 10%
- DIMENSIONS 30%
- CONSTRUCTION 40%
- SALABILITY 10%
- MATERIAL USAGE 10%

OVERALL TOTAL 100%

TIE BREAKING PROCESS

If two or more participants are tied in points at the end of the competition, the following tie breaking procedure will be used:

- Step 1.** Participant with the highest Safety score.
- Step 2.** Participant who has completed the project in the least amount of time.
- Step 3.** Re-evaluate the projects with different judges.



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***PLEASE NOTE: Unsafe work practices will result in points being deducted from the competitor's overall score.**

***PLEASE NOTE: Any communication between spectators (including teachers, parents, chaperones, etc.) and competitors during the contest times may be seen as coaching and could result in points being deducted from the competitor's overall score.**

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

CRA 3407	HAND TOOLS THEORY
CRA 3417	PORTABLE POWER TOOLS
CRA 3452	SKETCHING & DRAWINGS
CRA 3457	DRAWING PRINCIPLES
CON 1010	CONSTRUCTION TOOLS AND MATERIALS
CON 1070	BUILDING CONSTRUCTION
CON 1120	PRODUCT MANAGEMENT
CON 1130	SOLID STOCK CONSTRUCTION
CON 2035	FRAMING SYSTEMS - FLOOR
CON 2045	FRAMING SYSTEMS – WALL
CON 2050	ROOF STRUCTURES 1

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.

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 Requirements: MANDATORY

- CSA approved footwear – green triangle standard (Competitor)
- CSA approved hard hat (Provided by Committee)
- CSA approved safety glasses (Provided by Committee) However, prescription glasses must conform to CSA regulations.
- CSA approved hearing protection (Provided by Committee)
- Suitable work clothing (Competitor)

Competitors are required to follow all industry safety standards during the competition.



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ADDITIONAL INFORMATION

Lunch will be provided for all competitors, teacher chaperones, judges, and volunteers. Unfortunately, all allergies may not be able to be accommodated for. Your lunch ticket will be in the back of your name tag.

PARKING INFORMATION & VENUE MAPS:

Please park in Lot V – there is no charge. Overflow will also be allowed in Lot P. A printable parking map of Lethbridge College can be found at : <https://lethbridgecollege.ca/document-centre/forms/facilities-management/lc-parking-map>

REGIONAL REGULATIONS & POLICIES

A copy of the Skills Canada Alberta Regional Regulations & Policies can be found at the following link: <http://www.skillsalberta.com/policies-and-procedures>

EVENT SCHEDULE

COMMITTEE MEMBERS

Mark Adams	Lethbridge College
Rob Burton	Ramton Homes
Tyrel Churko	Lethbridge College
Brody Forster	Lethbridge College
Zac Harris	Matthew Halton High School
Corby Pankhurst	Community Member
Shawn Scotney	Lethbridge College
Judy Stolk-Ingram	Career Transitions
Leon Wensmann	Community Member
Tara Yagos	Career Transitions