

2022 POST-SECONDARY PROVINCIAL SKILLS CANADA COMPETITION



Contest Description

April 24 & 25

Olds College

4500-50 St, Olds Alberta

EVENT: Landscape Horticulturist	LEVEL: Post-Secondary																		
WORLDSKILLS TRADE #: 37	LOCATION: OLDS COLLEGE-PAVILLION																		
DURATION: 12 hours (two days)																			
COMPETITION SCHEDULE: <div> <div> April 24: <table border="1"> <tr> <td>ORIENTATION/COMPETITION</td><td>7:30AM-8:00AM</td></tr> <tr> <td>BREAK (15 MINUTES)</td><td>10:00AM</td></tr> <tr> <td>LUNCH (1 HOUR)</td><td>12:00PM</td></tr> <tr> <td>BREAK (15 MINUTES)</td><td>3:00PM</td></tr> <tr> <td>BUILD ENDS</td><td>5:00PM</td></tr> </table> </div> <div> April 25: <table border="1"> <tr> <td>ORIENTATION/COMPETITION</td><td>8:00AM</td></tr> <tr> <td>BREAK (15 MINUTES)</td><td>10:00AM</td></tr> <tr> <td>LUNCH (1 HOUR)</td><td>12:00PM</td></tr> <tr> <td>COMPETITION ENDS</td><td>2:30PM</td></tr> </table> </div> </div>		ORIENTATION/COMPETITION	7:30AM-8:00AM	BREAK (15 MINUTES)	10:00AM	LUNCH (1 HOUR)	12:00PM	BREAK (15 MINUTES)	3:00PM	BUILD ENDS	5:00PM	ORIENTATION/COMPETITION	8:00AM	BREAK (15 MINUTES)	10:00AM	LUNCH (1 HOUR)	12:00PM	COMPETITION ENDS	2:30PM
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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

Purpose of Challenge

Each team will be required to complete the layout and build the project as described in the plans provided. The competition will involve the preparation and installation of various materials, such as natural stone,



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INSPIRE.
DEVELOP.
ELEVATE.



precast concrete, wood, substrates, mulch, plants, and other landscape elements. Competitors will be expected to demonstrate adaptability and resiliency.

PROJECT DESCRIPTION

Tasks that may be performed during the contest

- Reading plans
- Paving stone installation
- Planting
- Cutting and laying of natural stones
- Woodworking
- Use of technical elements (lighting, water games, etc.)
- Masonry work
- Some elements to be built could have in their design, Asian influences.

EQUIPMENT & MATERIAL

Equipment and Materials Competitors Must Supply:

- Rubber mallet or deadblow hammer - 2 per team
- Sledgehammer, 3 or 4 lb - 2 per team
- Masonry hammer-stone working - 2 per team
- Carpenters hammer-'straight claw' - 2 per team
- Wood and stone Chisels, assorted - 6 per team
- Saw-hand saw - 2 per team
- Combination Square/Speed Square 12 - 16 inch combination - 2 per team
- Carpenter's square - 2 per team
- Chalk Line
- Marking utensils - 10 per team
- Masonry string - 50 ft. roll-2 per team
- Torpedo level - 2 per team
- Carpenters level (2 ft.) -2 per team
- String Level - 2 per team



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- Wood clamps (6"-10")
- Tape measures-metric & imperial (25 feet) - 2 per team
- Utility knife and extra blades - 2 per team
- Sandpaper with block or holder 6 sheets per team
- Various masonry and finishing trowels - 8 per team
- Drill bits - assorted
- Screwdriver bits assorted
- Hand brush
- Wire cutters/wire strippers
- Wash brush
- Calculator with basic functions

***Note:** Any tool not listed must be approved for use by the Provincial Technical Committee (PTC). A written application (or email) to the PTC chairperson must be submitted at least 1 month before the competition start. Teams are not required to bring all listed tools but may choose to bring what they feel is appropriate for the competition. None of these tools will be supplied by the organizers.

Required Clothing Provided by the Competitor:

- CSA approved Safety boots (above ankle)
- Hearing protection
- Knee pads
- Appropriate gloves for handling precast concrete products and wood
- Half face dust mask (filter: P100)
- Safety clothing or jacket with reflective strips
- Long work pants (no jeans) in good condition
- Short sleeve shirt or sweater
- Long sleeve shirt or sweater
- Additional clothing
- Loose clothing not permitted
- No loose jewellery or rings
- No long loose hair

Note: Contestants who do not have the required protective gear will not be allowed to participate in the contest



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Equipment and Materials Supplied by the Committee:

- Workspace Installation
- Each competition team will have a workspace and storage space
- The construction area must have clearly defined benchmark for vertical
- measurements. Each team's construction area will have been previously filled
- and compacted with compacting sand.
- Each team will have equal, fair access to their site
- Husqvarna Portasaw ms 360 c/w stand
- Exacto knife blades
- 18v self-leveling rotary laser package
- Measuring rod (metrics)
- 10" compound sliding miter saw, c/w tables
- 10" 80T precision trim blade
- Circular saw 7.25" (20v) c/w blade
- 7.25" 40T precision finish blade
- Impact drill (20v)
- 48" carpenters' level
- 18"x24" building square
- Round shovel
- Square shovel
- 2 x 20 liters pail
- Hand-operated compactor
- Rakes
- Brooms

Toolboxes Guidelines

One of the objectives of SCC is the sustainability of the Competition. As a result, the toolboxes brought by competitors will be restricted to the following maximum specifications. The Competitor toolbox must not exceed 1.5 meters in volume. It can be multiple toolboxes but the total of all toolboxes must not exceed the maximum volume indicated. There is no exception to this rule. If the Competitor toolbox is larger than



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what is indicated, the Competitor with the guidance of the PTC, will need to remove items from the toolbox and those items will not be used during the competition. All tools must fit inside one or more toolboxes. Tools outside of a toolbox will not be permitted.

JUDGING CRITERIA (SUBJECT TO CHANGE)

A) <i>Horizontal Measurements</i>	15%
B) <i>Work Process</i>	15%
C) <i>Vertical Measurements</i>	15%
D) <i>Completion of Softscape</i>	15%
E) <i>Hardscape Construction</i>	15%
F) <i>Other items (wood, stone etc.)</i>	15%
G) <i>General impression</i>	10%
<i>Overall Total</i>	<i>100%</i>

CONTEST SPECIFIC RULES

Topic/Task	Contest Specific Rule
Use of technology - personal laptops, tablets and mobile phones	<ul style="list-style-type: none"> The use of electronic devices is prohibited by competitors during the competition. A device must never be in the hands of a competitor at the competition site.
Drawings, recording information	<ul style="list-style-type: none"> The plans must remain on site and never leave the site.

TIE BREAKING PROCESS

Tiebreaker #1: The team with the highest score in the criteria's A to F will be declared the winner.

Tiebreaker #2: The team with the highest score in the criteria G will be declared the winners.

Tiebreaker #3: The team with the highest score in the criteria B will be declared the winners.



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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.

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 safety equipment and/or act in an unsafe manner that can cause harm to themselves or others.

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.

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.



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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.

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

Kathryn Hutchison	Joel Beatson
Stephen Carlton	Chris Robertson
Elizabeth Kawahara	Dan Daley
Gerard Fournier	

