

# 2022 SECONDARY SKILLS CANADA ALBERTA VIRTUAL COMPETITION

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## CONTEST DESCRIPTION

<p><b>CONTEST AREA: AUTOBODY REPAIR</b></p>	<p><b>LEVEL:</b> Secondary</p>
<p><b>COMPETITION SCHEDULE:</b>  <b>Competition Date:</b> Monday April 11<sup>th</sup>, 2022  <b>Duration:</b> 6 Hours  <b>Mandatory Registration &amp; Orientation</b> -8:30am  <b>Competition:</b> 9:00AM-3:30PM  <b>Lunch:</b> 12:00-12:30PM</p>	<p><b>LOCATION:</b> COMPETITOR’S SCHOOL. SEE  <b>COMPETITION FORMAT INFORMATION BELOW</b></p>
<p><b>COMPETITION FORMAT: (VIRTUAL/ IN SCHOOL)</b>  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><b>WEBEX LIVESTREAMS:</b>  <b>Competition Registration and Orientation:</b> 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 sound, cameras, and tech are working appropriately. The registration will be followed by competition orientation. Camera’s <b>MUST</b> be on and competitors visible on the camera during the orientation.</p> <p><b>Competition Livestream:</b> Competitors must remain on camera through their entire competition. Camera’s <b>MUST</b> be on and competitors visible on the camera, as well as mics working. Competitors must consider their camera angle and lighting in advance of the competition. It is the competitor’s responsibility to ensure they are prepared for the competition livestream.</p>	

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## 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.

**AWARDS CEREMONY INFORMATION:** Please join us for a live virtual awards ceremony on May 6<sup>th</sup> 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 purpose of the Auto Body Repair competition is to evaluate each competitor's competency to organize and execute a given number of work assignments accurately and safely in the field of Auto Body Repair, and to recognize outstanding competitors for excellence and professionalism.

## SKILLS AND KNOWLEDGE TO BE TESTED

Competitors should possess the skills to be able to:

- Measure, cut, fit, and weld metal component assemblies using GMAW equipment
- Interpret dimensions, specifications, and accurately measure given points on a vehicle metal shape component.
- Finish the panel with the use of a hammer, dolly, drill, grinder for dressing of welds.

## PROJECT DESCRIPTION

Competitors will be asked to perform the following projects:

- Mock B panel sectioning and welding (6hrs)

## SHIPPING FINAL PROJECT FOR JUDGING:

Competitors will be required to ship their finished project for judging. Skills Canada Alberta will provide return packaging and return shipping labels. Competitors will be required to ship their projects within 24 hours after the competition.

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## EQUIPMENT & MATERIALS

### Skills Canada Alberta Provided Tools, Materials, and Equipment

Materials for "B" Pillar mockup		
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Any tools and equipment provided by Skills Canada Alberta will be shipped to your school prior to the competition. If you have any questions, please contact: [whitneyk@skillsalberta.com](mailto:whitneyk@skillsalberta.com).

### Competitor/School Provided Tools, Materials, and Equipment\*

All personal Auto Body Repair Technicians Tools and Safety Equipment, including:

CSA Approved Steel Toed Footwear	CSA Approved Safety Glasses	Safety Face Shield
Coveralls (one piece – cotton) Non-Disposable	Mechanics Gloves	Welding Helmet and Leather MIG Welding Gloves
Charcoal respirator / P-100 HEPA cartridge or disposable (MUST fit under welding helmet)	Straight Edge and Felt Marker Pencil / scratch awl	Grinder (air or electric)
Pistol Grip Sander	Die Grinder	Pistol Grip Grinder
Reciprocating Saw (optional)	Cut-Off Tool – WITH GUARD	Cold Chisels/Seam Splitter
Random Orbit Sander	Drill – air <u>or</u> electric <u>or</u> cordless	Dollies (all purpose and flat)
Metal Hand File	Utility Knife and Blades	Pliers and Needle Nose Pliers
Ball Peen Hammer	Body Hammers (Cross Peen and Pick)	Metric Tape Measure
Center Punch (optional)	Assortment of Vise Grips	Body File (Vixen)
Side Cutters or MIG Welding Pliers	Hacksaw and blade	
<b>NO HOMEMADE OR ALTERED TOOLS OF ANY KIND PERMITTED</b>		

\*Competitors and schools will need to work together to arrange for the tools, equipment, and materials provided by the competitor. If a competitor and/or school is not able to procure a certain item, please contact [mikes@skillsalberta.com](mailto:mikes@skillsalberta.com) to inquire if additional arrangements can be made.

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## JUDGING CRITERIA

Metal sectioning and welding skills, measuring and accuracy, metal repair techniques, and welding skills.

- B Pillar Sectioning- 1000 Points
- Rubric to be posted on SCA web site

## TIE BREAKING PROCESS

All events within the competition will be timed. In the event of a tie, the total amount time taken for the entire competition by the tying competitors will be factored into the scoring process.

## CLOTHING REQUIREMENT

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 and open toed shoes/sandals will not be permitted. No loose-fitting clothes or jewelry.

## Related Career and Technology Studies COURSES

MEC1160: Structures & Materials

MEC2170: Metal Repair & Finishing

MEC1170: Metal Forming & Finishing

MEC3180: Damage Repair 1

## 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.

### Lunch

Lunch will NOT be provided.

### Virtual Awards Ceremony

The Virtual Awards Ceremony will take place **Friday, May 6<sup>th</sup> at 6:30PM**. A link will be made available on the website with additional information.

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## Team Alberta Information

Team Alberta will be selected from competition Gold medalists who will then be eligible to participate at the Skills Canada National Competition (SCNC) in a virtual format May 25-28, 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/>.

## 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.

## COMMITTEE MEMBERS

Stefano Liessi – Committee Chair	Jim Peterson
Ashley Pederson	Lisa Little
Jozef Lachkovic	Muhammad Afzal
Craig Mannell	Nathan Badry
Jason Budd	Justin Dambitis

