

2022 SECONDARY SKILLS CANADA ALBERTA VIRTUAL COMPETITION

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CONTEST DESCRIPTION

<p>CONTEST AREA: CAR PAINTING</p>	<p>LEVEL: Secondary</p>
<p>COMPETITION SCHEDULE: Competition Date: Tuesday April 12th, 2022 Duration: 6 Hours Mandatory Registration – 8:15AM-8:30AM Mandatory Orientation - 8:30AM-9:00AM Competition-9:00AM-3:30PM Lunch 12:00-12:30PM</p>	<p>LOCATION: COMPETITOR’S SCHOOL. SEE COMPETITION FORMAT INFORMATION BELOW</p> <p>LIVESTREAMED: NO – COMPETITORS WILL BE REQUIRED TO REMAIN ON WEBEX, BUT CAMERAS CAN BE TURNED OFF</p>
<p>COMPETITION FORMAT: (VIRTUAL/ IN SCHOOL) 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>WEBEX LIVESTREAMS: Competition Registration and Orientation: 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 MUST be on and competitors visible on the camera during the orientation.</p>	



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PROJECT SUBMISSION DEADLINE: April 12th by 4:00PM

PROJECT SUBMISSION LINK:

- <https://form.jotform.com/SkillsAB/2022SCAVC>
- Multiple files can be uploaded at once, each file has a maximum size of 1G. If file sizes are larger than 1G, please follow alternate instructions through the submission link.

ACCEPTED FILE TYPE: pdf, doc, docx, xls, xlsx, csv, txt, rtf, html, zip, mp3, wma, mpg, flv, avi, jpg, jpeg, png, gif. If you would like to submit a different type of file, please place it in a zip folder.

To create a zip file – Select all the files that you would like to submit and right-click your mouse, a menu will open, select Send To, and then click on Compressed (zipped) folder. A zip file will then be created containing your submission documents.

Submissions will be due within 15 minutes of the end of competition time. Please note: Late submissions sent after the date and time specified above will not be accepted.

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 6th 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

To evaluate each competitor's comprehension of Car Painting terms and procedures, and their ability to perform these tasks in a safe and professional manner.

PURPOSE OF THE CHALLENGE

To test the competitor's skills at:

- Cleaning
- Surface Preparation
- Masking
- Undercoat Application
- Topcoat Application

SKILLS AND KNOWLEDGE TO BE TESTED

- **Cleaning:** To demonstrate proper cleaning techniques using proper cleaners.
- **Sanding:** To be able to featheredge, back sand, and scuff sand using industry standards.
- **Masking:** Demonstrate masking techniques to protect areas from unwanted overspray without using excessive materials.
- **Undercoat Application:** Be able to mix/catalyze undercoats, set-up a spray gun, and apply undercoat materials as per manufacturer's tech sheet.
- **Topcoat Application:** Be able to mix solvent and waterborne base coats, set-up a spray gun and apply as per manufacturer's technical data sheet.

PROJECT DESCRIPTION

Prep and Painting Project

- You will perform a full refinish and two-tone on a vehicle panel.
 - When you come to a STOP, you must take photos of your progress.
1. Prepare fender for sealer application.

STOP – Take photos of fender (approximately 2 - 4 feet away from panel, in good lighting)

- Front of fender view (Rename picture "P.Front")
- Wheel well arch inside view (Rename picture "P.Well")
- Top edge view (Rename picture "P.Top")
- Back inner edge view (Rename picture "P.Back")

2. Mix and apply sealer to fender as per manufacturer recommendations.

STOP – Take photos of fender (approximately 2 - 4 feet away from panel, in good lighting)

- Front of fender view (Rename picture "S.Front")
- Wheel well arch inside view (Rename picture "S.Well")
- Top edge view (Rename picture "S.Top")
- Back inner edge view (Rename picture "S.Back")

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3. Mix and apply basecoat as per manufacturer recommendations.

Mask two-tone area ½” above bottom body line of fender and spray 2nd color.

Clean spray guns in appropriate solvent.

STOP – Take photos of fender (approximately 2 - 4 feet away from panel, in good lighting)

- Front of fender view (Rename picture “B.Front”)
- Wheel well arch inside view (Rename picture “B.Well”)
- Top edge view (Rename picture “B.Top”)
- Back inner edge view (Rename picture “B.Back”)

4. Mix clear coat as per manufacturer recommendations.

Apply clear coat to entire panel.

Clean up area.

STOP – Take photos of fender (approximately 2 - 4 feet away from panel, in good lighting)

- Front of fender view (Rename picture “C.Front”)
- Wheel well arch inside view (Rename picture “C.Well”)
- Top edge view (Rename picture “C.Top”)
- Back inner edge view (Rename picture “C.Back”)
- Two-tone area with tape measure beside fender to prove ½” above body line (Rename picture “C.Line”)

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Theory Exam (Online Access)

You must have internet access to complete the theory exam. This exam and the time allotted are separate (and in addition) to the competition on April 12th. Your unique registration code will be sent prior to April 12th and we recommend it be completed in advance of the competition.

1. Go to: www.classmarker.com/register/
2. Select: 'Test Takers' option
3. Enter your unique registration code

Once you have started this exam, you will have a maximum of 1.5 hours to complete the test before it closes and saves your answers up to that point.

SUBMISSION REQUIREMENTS

Competitors will be required to submit photos of completed project through the PROJECT SUBMISSION LINK as specified in the Project Description.

EQUIPMENT & MATERIALS

Skills Canada Alberta Provided Tools, Materials, and Equipment

Masking materials (3M)	Sanding materials (3M)	New, unpainted fender
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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.

Competitor/School Provided Tools, Materials, and Equipment*

Charcoal Mask	Fresh-air Respirator	Paint booth
Spray Guns	Safety footwear	Safety glasses
Part stand for painting	Orbital Sander	Paint suit
Paint materials required to paint 1 fender (sealer, basecoat, clearcoat)		Gloves
Tape Measure		

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*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 to inquire if additional arrangements can be made.

JUDGING CRITERIA

The contestants will be judged on specific project standards, as determined by industry acceptance, as well as the technical committee.

Each competitor will be required to submit a series of photographs, each picture will require specific standards and must be re-named according to the project description. Failure to follow the requirements will result in a loss of points.

TIE BREAKING PROCESS

In the event of a tie, the competitor who scores the highest on the theory exam in the least amount of time will be ranked higher.

CLOTHING REQUIREMENT

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 submission can be denied should the participant not have the required proper safety equipment and/or act in an unsafe manner that can cause harm to themselves or others.

Related Career and Technology Studies COURSES

Course ABA3900: Apprenticeship Safety

Course ABA3410: Substrates

Course ABA3420: Surface Preparation

Course ABA3425: Masking

Course ABA3430: Undercoating

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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 6th at 6:30PM**. A link will be made available on the website with additional information.

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.

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COMMITTEE MEMBERS

Cecile Bukmeier	Stephen Giordano	Dalton Litzenberger
Nicholas Chan	Garret Weiss	Ryan Pomedli
Samantha Janishewski	Bryce Nelson	Jessica Anderson
Shannon Pulach	Daniel Addante	

