

# 2021 PROVINCIAL SKILLS CANADA COMPETITION



## CONTEST DESCRIPTION

<b>CONTEST AREA: CAR PAINTING</b>			<b>LEVEL: Secondary</b>
<b>COMPETITION SCHEDULE:</b>			<b>LOCATION: COMPETITOR'S SCHOOL. SEE COMPETITION FORMAT INFORMATION BELOW</b>
Livestream Test	April 12 <sup>th</sup>	9:30am-10:30am	
Orientation	April 14 <sup>th</sup>	8:30am-9:00am	
Competition	April 14 <sup>th</sup>	9:00am-3:30pm	
Lunch	April 14 <sup>th</sup>	12:00-12:30pm	
<b>DURATION: 6 HOURS</b>			<b>REGIONALIZED: NO</b>
<p><b>COMPETITION FORMAT: (VIRTUAL/ IN SCHOOL)</b></p> <p>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></p> <p><b>Tech Check:</b> A "Tech Check" will take place prior to the competition with the purpose of giving the competitor an opportunity to ensure they have all of the necessary technology in place to join in their virtual orientation meeting the morning of their competition. On the competition day, there will be no time to work out technology issues. This is the opportunity work out any unforeseen issues and to start your competition day off prepared. There may also be an opportunity to ask questions regarding the competition day if time allows. <b>An email with the WebEx link will be sent out in advance of the competition.</b></p>			

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**Competition Orientation:** The competition will begin with a virtual orientation. Competitors will join the assigned videoconference link that will be emailed to all registered competitors for the competition orientation. Camera's MUST be on and competitors visible on the camera during the orientation.

**PROJECT SUBMISSION DEADLINE: APRIL 14 BY 4:00PM**

**PROJECT SUBMISSION LINK:**

- <https://form.jotform.com/SkillsAB/2021PSCC>
- 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:** zip

To create a zip file – Select all the files that you 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.

**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.

**Safety Checklist:** It is the responsibility of each competitor and teacher to review the Safety Checklist (<https://skillsalberta.com/additional-2021-competition-resources>) in advance of the competition and ensure they are able to meet all safety requirements. During the orientation, the safety checklist will be formally reviewed.

**AWARDS CEREMONY INFORMATION:** Please join us for a live virtual awards ceremony on May 13<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.**

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## 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 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")**

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- 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")

3. Mix and apply basecoat as per manufacturer recommendations.

Mask two-tone area  $\frac{1}{2}$ " above bottom body line of fender and spray 2<sup>nd</sup> 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  $\frac{1}{2}$ " above body line (Rename picture "C.Line")

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## Theory Exam (Online Access)

- You must have online access to complete the theory exam.
1. Go to: [www.classmarker.com/register/](http://www.classmarker.com/register/)
  2. Select: 'Test Takers' option
  3. Enter your unique registration code
- Once you have entered 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
Cordless Polisher, DeWalt	Tape Measure, DeWalt	

### School/Competitor 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

\*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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## **SHIPPING INFORMATION**

Any tools and equipment provided by Skills Canada Alberta will be shipped to your school prior to the competition. If you do not receive your shipment by this time, please contact: [whitneyk@skillsalberta.com](mailto:whitneyk@skillsalberta.com).

## **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.

## **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 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.

## **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**

Course ABA3900 ; Apprenticeship Safety

Course ABA3410 : Substrates

Course ABA3420 : Surface Preparation

Course ABA3425 : Masking



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Course ABA3430 : Undercoating

## **ADDITIONAL INFORMATION**

### **Skills Canada Alberta Regional and Provincial Rules and Regulations**

[Regional and Provincial Rules and Regulations](#)

### **Competitor Registration**

Registration for Provincial Skills Canada Competition (PSCC) will open online at <https://portal.skillsalberta.com/> on January 14, 2021 at 8:30 AM. Please refer to the following links for additional registration information: [Tips for High School Teachers](#) and [Road to Provincials](#)

### **Lunch**

Lunch will be provided by Skills Canada Alberta.

### **Virtual Awards Ceremony**

The Virtual Awards Ceremony will take place a few weeks following the competition dates as a part of the SkillsXhibition. 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 June 1-5, 2021 tentatively in Quebec City, Quebec. 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.

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## Letter of Participation

Competitors who participate in the 2021 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

Cecile Bukmeier	Stephen Giordano	Dalton Litzenberger
Nicholas Chan	Garret Weiss	Ryan Pomedli
Samantha Janishewski	Bryce Nelson	