

2021 PROVINCIAL SKILLS CANADA COMPETITION



CONTEST DESCRIPTION

CONTEST AREA: CAR PAINTING			LEVEL: Post-Secondary
COMPETITION DATE AND TIMES:			LOCATION: Competitors will compete individually from their local Post-Secondary Institution
Orientation	April 24, 2021	8:00AM-9:00 AM	
Competition Day 1	April 24, 2021	9:00AM-4:00 PM	
Competition Day 2	April 25, 2021	8:00AM-3:00 PM	
Lunch	1 hour per day		
DURATION: 12 HOURS			WorldSkills Trade #: 36
<p>COMPETITION FORMAT: (VIRTUAL, AT A POST-SECONDARY INSTITUTION) Competitors will compete individually, in person, from their local Post-Secondary Institution. Location specific COVID-19 protocols must be followed. Post-Secondary Institutions and competitors will need to work together to ensure the competitor is ready for success on their competition day. 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. This competition will be closed to the public. Only registered competitors and assigned Provincial Technical Committee members will be allowed to attend.</p> <p>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.</p> <p>LIVESTREAMED COMPETITION: (If applicable) Competitors must film their competition throughout the entire day. Camera's MUST 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 competitors responsibility to ensure they are prepared for a day long livestream.</p>			
<p>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</p>			

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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 13th 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.

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.
- **Polishing:** Demonstrate ability to remove defects from a refinished panel and polish clear coat to back to a high gloss finish.
- **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.

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PROJECT DESCRIPTION

Prep Project

- You will fix and prepare a damaged panel for paint. You must choose a blendable match from the spray out cards provided.
- When you come to a **STOP**, you must call a judge to evaluate your progress before you move on to the next step.
- In the event of a tie, the winner will be determined by the time completing all projects combined.

Pick a fender and write your number on the back.

STOP

Evaluate spray out cards and select match. Give selection to a judge.

STOP

Repair damage, sand and mask fender for spot prime.

STOP

Apply primer and prepare remainder of panel for paint application.

STOP

Painting Project

- You will perform a spot repair and two-tone paint application on a vehicle panel.
- You must create colour evaluation card(s) during the painting process.
- When you come to a **STOP**, you must call a judge to evaluate your progress before you move on to the next step.
- In the event of a tie, the winner will be determined by the time completing all projects combined.

Select fender and place in booth.

STOP

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Mix basecoat as per manufacturer recommendations.
Create colour evaluation card(s).
Apply basecoat to repair area.
Clean gun in appropriate solvent.

STOP

Mix clear coat as per manufacturer recommendations.
Apply clear coat to entire panel.
Clean up area.

STOP

Paint Defect Analysis

- You must identify the defects on each panel and a recommended repair.
- In the event of a tie, the winner will be determined by the time completing all projects combined.

Identify the defects on each panel and record on provided worksheet.
Record a recommended repair for each defect.
Provide completed worksheet to judge.

Masking Project

- You will mask a fender, 2 doors and quarter panel.
- You must use the same masking materials shown on display picture for select areas.
- A minimum of 18" (45cm) barrier is required around the panels.
- When you come to a **STOP**, you must call a judge to evaluate your progress before you move on to the next step.
- In the event of a tie, the winner will be determined by the time completing all projects combined.

Clean vehicle and mask panels.

ALL MASKING WASTE MUST BE KEPT IN COMPETITOR WASTE BIN

STOP

Clean up area.

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Polishing Project

- You must remove all defects from the clear coat finish on a panel.
- When you come to a **STOP**, you must call a judge to evaluate your progress before you move on to the next step.
- In the event of a tie, the winner will be determined by the time completing all projects combined.

Remove clear coat defects and prepare panel for compound stage.

STOP

Compound and polish panel.

STOP

Clean up area.

STOP

EQUIPMENT & MATERIALS

Institute Provided Tools, Materials, and Equipment

Non-allergenic Nitrile Gloves	Spray guns	Ear Plugs
Particle masks	Fresh air respirator	
The Provincial Committee will work with Competitor school to provide all the necessary tools, equipment, and materials for the competition.		

Competitor Provided Tools, Materials, and Equipment

Safety glasses with side shield and brow bar	Safety footwear (CSA Approved)	Disposable painter's coveralls
Charcoal respirator		

JUDGING CRITERIA

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

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TIE BREAKING PROCESS

In the event of a tie, the winner will be determined by the time completing all projects combined.

CONTEST AREA SPECIFIC SAFETY REQUIREMENTS

Competitors are required to wear a fresh air respirator while spray operations are performed.

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.

ADDITIONAL INFORMATION

Skills Canada Alberta Regional and Provincial Rules and Regulations
[Regional and Provincial Rules and Regulations](#)

Post-Secondary Competitor Information is [available here](#).

Lunch

Lunch will be provided by Skills Canada Alberta.

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 25-30, 2021. 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 2021 Provincial Skills Canada Competition are eligible for a Letter of Participation by request by contacting katherinek@skillsalberta.com.

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COMMITTEE MEMBERS

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