



2021 SKILLS CANADA VIRTUAL NATIONAL COMPETITION

CONTEST DESCRIPTION

Car painting

POST-SECONDARY

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1 THE ESSENTIAL SKILLS FOR CAREERS IN THE SKILLED TRADES AND TECHNOLOGY

SCC is currently working with Employment and Social Development Canada (ESDC) in order to bring awareness to the importance of Essential Skills that are absolutely crucial for success in the workforce. Part of this ongoing initiative requires the integration and identification of Essential Skills in contest descriptions, projects, and project documents. The next phase and very important aspect of our Essential Skills (ES) initiative is to provide an ES report card to each competitor at the Skills Canada National Competition. The purpose of the ES report card is to inform the competitor about their current level of essential skills based on their competition scores. With this knowledge, the competitor will be made aware which essential skill may require improvement. Full implementation is expected in the next Skills Canada National Competition.

The following 9 skills have been identified and validated as key essential skills for the workplace in the legend below:

¹Numeracy, ²Oral Communication, ³Working with Others, ⁴Continuous Learning, ⁵Reading Text, ⁶Writing, ⁷Thinking, ⁸Document Use, ⁹Digital

These essential skills have been identified in section 2.4 and/or 3.2 of your Contest Description and if applicable, in your Project and all other supporting project documents.

2 CONTEST INTRODUCTION

2.1 Description of the associated work role(s) or occupation(s).

<http://skillscompetencescanada.com/en/careers/transportation/car-painting/>

2.2 Purpose of the Challenge.

Perform refinishing and surface preparation procedures common in the collision industry on various substrates. Competitors will be evaluated on their comprehension of car painting terms, procedures and their ability to perform these tasks in a safe and professional manner.

2.3 Duration of contest.

10 hours

2.4 Skills and Knowledge to be tested. (Top 3)

- Document Use
- Thinking
- Numeracy

3 CONTEST DESCRIPTION

3.1 List of documents produced and timeline for when competitors have access to the documents.

- All competition documents will be posted as they are ready for distribution.
- Assessment Process
- Project

3.2 Tasks that may be performed during the contest

- Clean and prepare vehicle panels for paint application⁷
- Mix and apply undercoats and topcoats¹
- Refinish various substrates⁷
- Perform minor damage repair⁷
- Prepare and refinish auto body panels⁷
- Remove surface paint defects⁷
- Colour matching utilizing paint manufacturer paint chips⁸
- Masking for refinish⁷
- Decal/paint protection film application⁷

Essential Skills – ¹Numeracy, ⁷Thinking (Problem Solving, Job Task Planning & Organizing, Critical Thinking), ⁸Document Use

4 EQUIPMENT, MATERIAL, CLOTHING

4.1 Equipment and/or material provided by the competitor and/or the host facility

- Waterborne and solvent technology will be used for this competition. All clear coat and single stage products will be low V.O.C.
- Electric polisher
- Work tables and stands
- Protective equipment other than personal protective gear (PPE)
- Fresh air supplied respirators
- Paint suits
- Environmental controls
- Sanding equipment, blocks and palm sanders
- Preparation products for automotive repair and refinish (3M care kit available upon request)
- Certified spray booth
- Dust mask
- Spray gun
- Safety glasses
- Rubber gloves
- The ability to dry clear coat in 1hr to polish, (bake, IR or snap dry clear) - Ability to spray sealer, base coat and clear coat.

4.2 Required clothing provided by the competitor.

- See point 5.3

5 HEALTH AND SAFETY

5.1 Safety program

SCC has implemented a comprehensive safety program as health and safety is an integral part of our competitions. Our safety program includes guidelines and procedures in order to make the work environment in each skill area safer.

5.1.1 Safety manual

As part of our program a safety manual has been created in order to monitor and document health and safety within each skill area. It includes a definite plan of action designed to prevent accidents. The safety manual will be provided for every skill and these instructions must be followed and respected by all participants and officials at the SCNC.

5.1.2 Safety workshop

During orientation, Competitors will participate in a Safety workshop and they will be expected to work and maintain a safe working area during the competition. Any Competitor breaking any health, safety and environmental rules, may be required to undertake a second safety workshop, this will not affect the Competitor's competition time.

5.2 Personal protective equipment (PPE) provided by competitors

- Hearing protection
- Fresh air respiratory protection
- Hazardous spill kit
- Nitrile /latex gloves
- CSA approved safety shoes
- Lint-free paint suit
- Glasses with side shields
- Half mask respirator: organic vapour, with documentation of valid fit-test pass (must be clean shaven to compete)

5.3 COVID-19 Protocol

The final COVID-19 guidelines will be shared with participants closer to the event.

The COVID guidelines already in place within the participants' jurisdiction would take precedence to the below protocol.

The following are suggested COVID-19 protocols that might be in place for the duration of the competition. It is the responsibility of the participants (Competitor, Proctors, NTC members, and anyone onsite during the competition) to ensure that the COVID guidelines are respected.

- Participants to complete and sign electronically a self-screening form at the beginning of each day of the competition. If a competitor is showing any symptoms, they might not be allowed to participate in the competition.
- Participants will be assigned a workspace in which they must remain at for the duration of the competition.
- Participants to ensure a minimum of 2m physical distancing from others at all times.
- Participants entering the competition space must use hand sanitizer provided at each entrance/exit.
- Participants to wipe work surfaces (e.g. desks, tables, and chairs) and objects (e.g. headsets, keyboards, equipment) with antibacterial wipes before and after use.

6 CONTEST SPECIFIC RULES

Contest specific rules cannot contradict or take priority over the Competition Rules. They do provide specific details and clarity in areas that may vary from contest to contest. Any additional contest rules will be reviewed during competitor orientation.

| TOPIC/TASK | CONTEST SPECIFIC RULE |
|-------------|--|
| Spray Booth | <ul style="list-style-type: none"> • Fresh air supplied respirators must be worn by all competitors in the spray booth at all times |

7 ADDITIONAL INFORMATION

7.1 Interpreter

If a competitor requires the help of an interpreter during the competition, the Skills/Compétences Canada Provincial/Territorial offices must advise Skills/Compétences Canada National Secretariat a minimum of 1 month prior to the competition or this service might not be guaranteed.

7.2 Ties

- Tiebreaker #1: The competitor with the highest score in the Refinishing criteria will be declared the winner.
- Tiebreaker #2: The competitor with the highest score in the Preparation criteria will be declared the winner.
- Tiebreaker #3: The competitor with the highest score in the Colour tint criteria will be declared the winner.

7.3 Competition rules

Refer to the competition rules of the Skills Canada National Competition which can be found on our website.

8 NATIONAL TECHNICAL COMMITTEE MEMBERS

| MEMBER ORGANIZATION | NAME |
|---------------------------|---------------------|
| Ontario | Catherine Mathewson |
| Nova Scotia – Co-Chair | Aaron Hebb |
| Manitoba | Derek Molinski |
| Québec | Nicolas Lefebvre |
| British Colombia | Mario Trettenero |
| Newfoundland and Labrador | Ryan Parsons |
| New Brunswick | Michel Plourde |
| Alberta – Chair | Cecile Bukmeier |
| Saskatchewan | Brayden Neufeld |

Contact the Skills/Compétences Canada national secretariat for any questions or concerns: Nathalie Maisonneuve (nathaliem@skillscanada.com).