



# 2023 Provincial Skills Canada Competition



## Contest Description

Edmonton Expo Centre, Edmonton

May 3 & May 4, 2023

<b>EVENT:</b> Job Skill Demonstration	<b>LEVEL:</b> Secondary (High School)
<b>SKILL #:</b> 84	<b>LOCATION:</b> HALL B, Edmonton Expo Centre, Edmonton
<b>DURATION:</b> 50 minutes per presentation (includes setup and take down time)	<b>REGIONALIZED:</b> no

## CONTEST INTRODUCTION

### Skills for Success

Skills Canada Alberta is working to bring awareness to the importance of Skills for Success that are crucial for success in the workforce. Part of this initiative requires the integration and identification of Skills for Success in contest descriptions, projects, and project documents. Given this knowledge, competitors will become aware of both areas of strength and areas for development of their own Skills for Success.

The following 9 skills have been identified and validated as key Skills for Success for the workplace:

*<sup>1</sup>Numeracy, <sup>2</sup>Communication, <sup>3</sup>Collaboration, <sup>4</sup>Reading, <sup>5</sup>Writing, <sup>6</sup>Creativity and Innovation, <sup>7</sup>Digital, <sup>8</sup>Adaptability, <sup>9</sup>Problem Solving*

These Skills for Success have also been identified within the Contest Description.

For further information on these important Skills, please go to <https://www.skillscompetencescanada.com/en/program/skills-for-success/>.

This short video describes how the former Essential Skills has evolved to the Skills for Success: <https://www.youtube.com/watch?v=GiBhZeZilwM>

### Purpose of the Challenge

The purpose of the competition is to evaluate each competitor's ability to demonstrate and fully communicate the process of the job skill. The skill demonstrated must reflect a skill contest area that is a component of the Provincial Skills Competition. See the following table for the Provincial Skills Alberta Contests.



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## Provincial Skills Alberta Contests

2D Character Computer Animation	Electronics	Mechatronics
3D Character Computer Animation	Fashion Technology	Photography
Aesthetics	Graphic Design	Plumbing
Aerospace Technology	Hairstyling	Precision Machining
Architectural Technology & Design	Heavy Equipment Service	Public Speaking
Auto Technology	Industrial Mechanic / Millwright	Refrigeration and Air Conditioning
Autobody Repair	Industrial Control	Robotics
Baking	IT – Network Systems Administration	Sheet Metal Work
Bricklaying	IT – Office Software Applications	Sprinkler & Fire Protection Installation
Cabinetmaking	Job Search	Steamfitter / Pipefitter
Carpentry	Job Skill Demonstration	Video Production
Car Painting	Joinery	Web Design & Development
CNC Machining	Landscape Gardening	Welding
Culinary Arts	Mechanical CADD	Workplace Safety
Electrical Installations	Mechanical Insulation	

## DURATION OF THE CONTEST

The Job Skills Demonstration competition takes place over both days of the Skills Alberta Competition. Each competitor has up to 50 minutes for this demonstration, which includes the time used to set up, demonstrate, and take down. Judges will ask questions following the demonstration, but the time used during questioning will not count as demonstration time. Visual aids such as props or one model may be used to demonstrate the topic.

### Time Format

- **Setup** - Up to 10 minutes <sup>1,8,9</sup>
- **Demonstration** - At least 20 minutes, not more than 30 minutes <sup>1,2,6,8,9</sup>
- **Questions** – Time used will have no bearing on the demonstration time <sup>2,8,9</sup>
- **Take Down** - Up to 10 minutes <sup>1,8,9</sup>

A detailed schedule will be emailed to all teachers that will include the orientation time and presentation time for all competitors. A safety orientation will take place at the beginning of each competition day at the competition site. All competitors for that day are expected to attend their day's orientation, regardless of their specific competition time.



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## SKILLS AND KNOWLEDGE TO BE TESTED

Each competitor must prepare for the Job Skills Demonstration by:

1. Providing a detailed step-by-step health and safety plan with a description of the demonstration, along with the appropriate Safety Data Sheet(s) (SDS), if applicable. The identification of the skills, and the relationship of the demonstration to the specific contest area should be identified. A PDF of the safety plan should be emailed to the judging panel via [kennedym@skillsalberta.com](mailto:kennedym@skillsalberta.com) by Thursday, April 27, 2023. <sup>2,4,5,7</sup> Two printed copies of the safety plan with applicable Safety Data Sheet(s) must also be submitted to the judges during the Contest Orientation time.
2. Preparing a 20- to 30-minute demonstration. <sup>1,2,6,8,9</sup>
3. Following the competition judging criteria provided in the Contest Description. <sup>4,8,9</sup>
4. Introducing the Skills for Success, identifying and elaborating on them throughout the demonstration. <sup>2,4,5,8,9</sup>

***Skills for Success: <sup>1</sup>Numeracy, <sup>2</sup>Communication, <sup>3</sup>Collaboration, <sup>4</sup>Reading, <sup>5</sup>Writing, <sup>6</sup>Creativity and Innovation, <sup>7</sup>Digital, <sup>8</sup>Adaptability, <sup>9</sup>Problem Solving***

## SPECIFIC INFORMATION

- Competitors must prepare their own digital and non-digital visual aids (signs, charts, transparencies, slides and diagrams). <sup>2,4,5,6,7,9</sup>
- This contest is an individual demonstration; however, one assistant may be used to set-up and take-down, or to be a model during the demonstration. The model and assistant may be different individuals, but only one assistant may be in the contest area at any given time. <sup>2,3</sup>
- The demonstration must be at least 20 minutes in length and must not exceed 30 minutes. <sup>1,9</sup>
- Competitors must present/demonstrate, not read from a script. <sup>2,6,8,9</sup>
- The demonstration should be designed with sustainability in mind (5 R's – Reduce, Reuse, Recycle, Regenerate, and Reformat). <sup>2,6,8,9</sup>
- Competitors must demonstrate compliance with current occupational health and safety standards throughout their presentation time, including attire and appearance (i.e. hair). <sup>4,8,9</sup>
- There must be no coaching/assisting from teachers, instructors, mentors or audience members once the demonstration has begun. Any interference or assistance may result in disqualification of the competitor. <sup>8,9</sup>
- Competitors should assume that their demonstrations will be viewed by the general public, other competitors, and may be photographed or videotaped. Competitors should be aware of, and prepared for, distractions in the competition area. <sup>6,8,9</sup>

***Skills for Success: <sup>1</sup>Numeracy, <sup>2</sup>Communication, <sup>3</sup>Collaboration, <sup>4</sup>Reading, <sup>5</sup>Writing, <sup>6</sup>Creativity and Innovation, <sup>7</sup>Digital, <sup>8</sup>Adaptability, <sup>9</sup>Problem Solving***



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## Tasks that May be Performed During the Contest

Some examples of job skills that may be demonstrated include (but are not limited to):

- Installing/repairing drywall
- Installing a lockset on a door
- Servicing small engines
- Installing a light and switch
- Soldering copper tubing
- Creating a visual element for a video production
- Hairstyling/manicure/esthetics procedure
- Baking/Cooking
- Constructing a webpage
- Laying a brick wall

## EQUIPMENT & MATERIALS

Students must supply all equipment needed for their demonstration. For example:

Data projector	Utensils and ingredients
Laptop with appropriate power and internet cables	Tools and materials
Remote Control	Water
Extension cords	Containers for waste created during the demonstration

Competitors must wear apparel appropriate for the presentation, please refer to the “Clothing Requirement” section of this document for more information.

Skills Alberta will provide the following at the competition site:

A space appropriate for conducting a demonstration	Two heavy duty tables approximately 0.75m by 1.5m	Plastic tarp (approx. 3m X 4m)
Two 110 volt (15 amp) electrical outlets	Large waste container for cleanup	Projection screen (approx. 3m X 4m)
Two power bars	A broom and dustpan	Portable microphone system with lapel mic
Two extension cords (min. 3m) / Tape for wiring	Wi-fi accessibility	A 48” TV or monitor with HDMI input and minimum 3m cable



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### Occupational Health and Safety Plan

Competitors are responsible for ensuring that they are complying with Occupational Health and Safety requirements from the moment they begin to perform their demonstration. **As mentioned previously, two printed copies of the competitor's safety plan, including a detailed step-by-step description of the demonstration and the appropriate Safety Data Sheet(s) must be submitted to the judges at the Orientation time for the competition. Also, a PDF of the safety plan should be emailed to the judging panel via [kennedym@skillsalberta.com](mailto:kennedym@skillsalberta.com) by Thursday, April 27, 2023**

During orientation, competitors will participate in a safety orientation and 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 disqualified.

The Occupational Health and Safety template can be found at the end of this Contest Description. Competitors will not be allowed to compete unless their Occupational Health and Safety Plan, with a detailed step-by-step description of the demonstration, has been reviewed and approved by the panel judging the competition. See <https://work.alberta.ca/occupational-health-safety/ohs-act-regulation-and-code.html> for safety requirements related to your demonstration. Assistants or models will not be able to enter the contest area without the proper Personal Protection Equipment (PPE). Please provide PPE for Judges if necessary.

### JUDGING CRITERIA

The following is the list of categories and skill criteria that will be judged. Each skill criterion will be rated out of three points:

- 0 = skill demonstrated less than 50% of the time
- 1 = skill emerging (shown 50-69% of the time)
- 2 = skill demonstrated with proficiency (shown 70-84% of the time)
- 3 = skill application reflects mastery (shown 85%-100% of the time)

### Tie Breaking:

In the event of a tie in grand totals, the competitor with the highest combined score in Skill Categories 3 and 4 will be declared the winner.



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POINT BREAKDOWN	WEIGHT	TOTAL
<b>1. Orientation</b>	<b>1</b>	<b>1</b>
Safety plan submitted online, on time		
<b>2. Opening</b>		
Introduces the skill to be demonstrated	2	10
Explains link to competition area	2	
Identifies and explains the Skills for Success to be used in the demonstration	3	
Outlines the process to be followed in the demonstration	3	

<b>3. Demonstration and Explanation Overview: Steps of the demonstration follow a logical progression:</b>		
Initial steps lay out the groundwork of the demonstration	3	10
Subsequent steps expand upon and develop out of these	4	
Final steps in the demonstration lead to a logical conclusion	3	

<b>4. Demonstration shows thoroughness</b>		
Details in the explanation help to support each step of the process	3	34
Each step makes the process clearer	3	
Although thorough and detailed, steps are easy to follow and understand	3	
Complexity of the demonstration	5	
Demonstration space is organized	3	



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Demonstration space is effectively used	3	
Materials and resources are used effectively and sustainably	3	
Throughout the demonstration, Skills for Success have been demonstrated and elaborated on as identified	4	
Demonstration is within the 20- to 30-minute time limit	2	
Setup is within the required time limit and with only one assistant/model in the skill area at a time	1	
Take-down is within the required time limit and with only one assistant/model in the skill area at a time	1	
Competitor adheres to current occupational health and safety standards in accordance with the submitted, approved Safety Plan	3	

5. Presentation		
The competitor uses trade-appropriate language in the demonstration	3	33
The competitor explains any skills-specific terminology used in the demonstration	3	
The competitor uses voice appropriately: Tempo	3	
The competitor uses voice appropriately: Pitch	3	
The competitor uses voice appropriately: Projection	3	
The competitor conveys enthusiasm	4	
The competitor conveys confidence	4	
The competitor establishes audience rapport through both verbal and non- verbal elements.	4	
The competitor does not read from prepared script	2	
The competitor addresses safety procedures throughout the presentation	4	



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6. Closing and Application		
Closing summarizes the presentation	2	6
Closing explains the practical uses of the skill demonstrated	4	

7. Response to Questions		
Question 1: Competitor answers question providing depth and insight	3	6
Question 2: Competitor answers question providing depth and insight	3	
<b>Grand Total</b>		<b>100</b>

### RELATED CAREER AND TECHNOLOGY STUDIES COURSES

This contest is applicable to many modules within the clusters of Career and Technology Studies. Modules for inclusion may include:

CTR 1010 Job Preparation  
CTR 2010 Job Maintenance  
HCS3010 Workplace Safety Practices  
HCS3000 Workplace Safety Systems  
HSS1090 Speaking & Presenting

Descriptions of all modules within Career and Technology Studies can be found at:  
<http://www.education.gov.ab.ca/cts>

### CLOTHING REQUIREMENT

It is important that competitors present a professional image and appearance. As noted earlier, appropriate work clothing must be worn to compete: all apparel must be neat and clean, free of rips and tears, and comply with proper PPE, safety, and professional standards of the skills category being demonstrated.

### 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.





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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 Provincial Skills Canada Competition (PSCC) will open online on January 18, 2023 @ 8:30 AM. Please refer to this competitions event page for additional registration and competition information:

<https://skillsalberta.com/competition/>

### Lunch

Lunch for accredited competitors will be provided by Skills Canada Alberta. Teacher accreditation can be purchased online at: <https://skillsalberta.com/hospitality-access-pass>

**Parking & Venue Maps:** <http://edmontonexpocentre.com/attend/parking/>

### Opening Ceremonies / Competitor Registration

Opening Ceremonies for the PSCC will take place on Tuesday May 2, 2023 at 6:00 pm in Hall D of the Edmonton EXPO Centre. Admission is free, and everyone is welcome to attend. It is important to note that competitor registration will open immediately following the Opening Ceremony.

### Awards Ceremony

The Awards Ceremony will take place on Thursday May 4, 2023 at 6:30 pm in Hall D of the Edmonton EXPO Centre. Admission is free and everyone is welcome to attend. The Awards Ceremony will be shown live at <http://skillsalberta.com/>

### Team Alberta Information

Team Alberta will be selected at the PSCC Awards Ceremony. Gold medalists will then be eligible to participate at the Skills Canada National Competition (SCNC) on May 24- 27, 2023 in Winnipeg MB. 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/>.

During the PSCC Awards Ceremony on Thursday May 4, 2023 gold medalists will be given their Team Alberta information package and will confirm their participation in the SCNC. Students must be present at the Awards Ceremony to claim their position on Team Alberta. If the Gold medalist is not able to attend SCNC, the next top ranking individuals will be asked to participate. If a student is not able to attend the Awards Ceremony a letter confirming the student's interest in Team Alberta participation must be emailed to [javierad@skillsalberta.com](mailto:javierad@skillsalberta.com) prior to the start of competition on May 3, 2023.

Please prepare your students in advance to accept a position on Team Alberta and outline how your school will support their participation. Furthermore, it is very important that all fieldtrip/travel information for potential Team AB members is organized and completed prior to the selection of Team AB.



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### Questions?

Please contact Kennedy Mayer at [kennedym@skillsalberta.com](mailto:kennedym@skillsalberta.com) if you have any questions regarding the Contest Description.

### COMMITTEE MEMBERS

Susan Gwin
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Brenda Thain
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## Safety Plan (can be completed by hand or via word-processing software)

Name of Competitor : \_\_\_\_\_ Email Address : \_\_\_\_\_ Phone \_\_\_\_\_

Name of Teacher/Mentor: \_\_\_\_\_ Email Address: \_\_\_\_\_ Phone \_\_\_\_\_

Skill Contest Area (example Carpentry): \_\_\_\_\_

Skill Being Demonstrated (example installing a hinge) : \_\_\_\_\_

**Please Note :** Competitors must complete this form with a **detailed step-by-step plan** of the demonstration performed. Any necessary **Safety Data Sheet(s)** (SDS) must also be attached. The identification of the skills, and the relationship of the demonstration to the specific contest area, should be identified.

A **PDF file of the safety plan** should be **emailed** to the judging panel via [kennedym@skillsalberta.com](mailto:kennedym@skillsalberta.com) by *Thursday, April 27, 2023*.

**Two printed copies** of the safety plan with applicable Safety Data Sheet(s) must also be **submitted to the judges** during the Contest Orientation time.

Detailed step-by-step description of the demonstration:

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## FIRES

Will there be potential for Fires?  N/A  Yes  No  
If YES, please explain how a fire may occur in your demonstration.

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Will there be ways to minimize the risk?  N/A  Yes  No  
If YES, please explain how you are minimizing the risk of a fire.

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Will there be flammable substances used in your demonstration?  N/A  Yes  No  
If YES, please explain what these substances are.

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Will flammable substances be adequately controlled?  N/A  Yes  No  
If YES, please explain how you plan to keep these substances controlled.

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Are you planning to carry out “hot work”, i.e. welding, grinding etc. in your demonstration?  Yes  No

If YES, please explain these processes and the health & safety considerations implemented.

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## SLIPS & TRIPS

Explain how your planned layout for the work area has reduced the potential for slips and trips.

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Are there arrangements for cleaning up spillages?  N/A  Yes

If YES, please explain the process to be used.

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Explain how your chosen footwear is suitable to your demonstration.

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## PERSONAL PROTECTIVE EQUIPMENT (PPE)

Will any activities being undertaken require competitors and judges and PTC members to wear any protective equipment?  Yes  No

If YES, please explain the purpose/use of the PPE.

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If YES above: Will there be an adequate supply of protective equipment available?  Yes  No

If NO, please explain.

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Explain how the personal protective equipment provided will be suitable for competitors, judges and PTC members. (i.e. describe the size, degree of protection, etc.)

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### MANUAL HANDLING

Will all manual handling tasks associated with the demonstration be adequately controlled and within the capabilities of the competitor?  N/A  Yes

If YES, please describe the manual task(s) and the respective considerations.

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### HAZARDOUS SUBSTANCES

Have all hazardous substances within the competition demonstration been identified?  N/A  Yes

Will suitable control measures be in place for the hazardous substances and proper handling of them?  N/A  Yes

Will there be suitable storage and disposal arrangements for the hazardous substances?  N/A  Yes

If YES, please explain what arrangements have been made for handling each of the hazardous substances.

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OTHER

Will your demonstration include the following:

Electrical equipment and/or power supply?  Yes  No

Overhead hazards?  Yes  No

Airborne contaminants? (i.e. dust, molds, vapours, fumes etc.)  Yes  No

If you answered YES to any of the above, please explain what is planned to eliminate or mitigate the risk.

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The COVID-19 guidelines will be subject to change based on the COVID-19 guidelines in place at the time of competition. How are you ensuring that you will be following the COVID-19 protocols in your presentation? \*\*

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Explain any other health and sanitation guidelines needed for your demonstration.

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\*\* Prior to beginning your demonstration for the judges, please identify for the judges, the modifications that are needed in your submitted plan because of any changes in the COVID-19 guidelines and protocol, not previously required.