2027 Provincial Skills Canada Competition

Contest Description
Edmonton Expo Centre, Edmonton
May 5 & 6, 2027

EVENT: Job Skill Demonstration	**LEVEL:** Secondary (High School)
SKILL #: 84	**LOCATION:** Hall B Edmonton Expo Centre, Edmonton
REGIONALIZED: No	

COMPETITION SCHEDULE:

MAY 4:

MANDATORY ORIENTATION	4:00PM - 5:30PM

MAY 5 OR MAY 6:

COMPETITION WINDOW	9:00AM – 4:00PM

ONE DAY COMPETITION

- 50 minutes per demonstration (includes setup and take down time)
- Each competitor's day and time (May 5 or May 6) will be determined at the competitor orientation held on **May 4**. Competitors will compete in a group beginning at 9:00 am or 1:00 pm.

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. Please note that the judges will be following the most recently posted competition description.

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:

[1] Numeracy, [2]Communication, [3]Collaboration, [4]Reading, [5]Writing, [6]Creativity and Innovation, [7]Digital, [8]Adaptability, [9]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 examples of contest skill areas.

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

DURATION OF THE CONTEST

The Job Skills Demonstration competition takes place over both days of the Skills Alberta Competition. The competitor will compete on either the first or second day of competition. The date and time of the competitor's demonstration will be determined at the mandatory competitor orientation.

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. ANY MATERIALS OR VISUAL AIDS USED DURING THE DEMONSTRATION OR PROVIDED TO THE JUDGES AS SAMPLES, MUST BE REMOVED DURING THE COMPEITITOR'S TAKE DOWN. **NO ITEMS MAY BE LEFT BEHIND.**

Time Format

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

SKILLS AND KNOWLEDGE TO BE TESTED

Each competitor must prepare for the Job Skill Demonstration by:

1. Providing a detailed step-by-step health and safety plan with a clear description of the demonstration, along with the appropriate Safety Data Sheet(s) (SDS), if applicable. The Health and Safety Plan, including a detailed step by step description of the demonstration and the clear identification of the skill area being demonstrated, must be submitted by **Friday, April 16, 2027** by **4:00 pm** via the form here: https://skillsalberta.jotform.com/243338105692962 Any questions may be sent to **TaylorM@SkillsAlberta.com.** *1,2,4,5,7*
2. Addressing the health and safety aspects of their demonstration throughout the presentation to the judges. *2,8,9*
3. Preparing a 20 to 30-minute demonstration. *1,2,6,8,9*
4. Following closely the competition judging criteria provided in the Contest Description. *4,8,9*
5. Introducing the Skills for Success, identifying and elaborating on a minimum of two of them throughout the demonstration. *2,4,5,8,9*
6. Discussing and elaborating on the sustainability aspects of their demonstration. *2,4.5,8,9*

SPECIFIC INFORMATION

- Competitors must prepare their own digital and non-digital visual aids (signs, charts, transparencies, slides, and diagrams). [2,4,5,6,7,9]
- 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. [2,3]
- The demonstration time must be at least 20 minutes in length and must not exceed 30 minutes. At 30 minutes the demonstration will be stopped by the judging panel and the questioning portion of the competition begins. [1,8,9]
- Competitors will NOT be permitted the use of mobile devices (ex. cell phones, smart watches etc.) for timing purposes. Competitors should provide their own dedicated timer if they wish. Any timer used must not have alarm features enabled. [1,8,9]
- Competitors must present/demonstrate, not read from a script. [2,6,8,9]
- The demonstration should be designed with sustainability in mind (5 R's – Reduce, Reuse, Recycle, Regenerate, and Reformat). [2,6,8,9]
- Competitors must demonstrate compliance with current occupational health and safety standards throughout their presentation time, including attire and appearance (i.e. hair). [4,8,9]
- There must be no coaching/assisting from teachers, instructors, mentors, model, assistant, or audience members once the demonstration has begun. Any interference or assistance may result in disqualification of the competitor. [8,9]
- Competitors should assume that their demonstrations will be viewed by the public, other competitors, and may be photographed or videotaped. Competitors should be aware of, and be prepared for, loud noises and distractions in the competition area. [6,8,9]

Tasks that May be Performed During the Contest

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

- Carpentry - Installing/repairing drywall
- Outdoor Power & Recreation Equipment - Servicing small engines
- Electrical Installations - Installing a light and switch
- Plumbing - Soldering copper tubing
- Video Production - Creating a visual element for a video production
- Hairstyling - Creating an Updo
- Culinary Arts - Preparing Wonton Soup
- Web Design and Development - Constructing a webpage
- Bricklaying - Laying a brick wall

EQUIPMENT AND MATERIALS

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

Data Projector (With HDMI Cables)	Utensils and Ingredients
Laptop With Appropriate Power, HDMI And Internet Cables	Tools and Materials
Remote Control	Water
Extension Cords (Long and Short)	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	Internet accessibility that may be wired and/or wireless	A 48" TV or monitor with HDMI input and minimum 3m cable
Mop & Pail	Data Projector (With HDMI Cables)	

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. During orientation, competitors will participate in a mandatory 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 questions for the mandatory Health and Safety Plan can be found at the end of this Contest Description. Competitors must complete and submit their Health and Safety plan via the online form https://skillsalberta.jotform.com/243338105692962 . Competitors will not be allowed to compete unless their Health and Safety Plan is submitted by the due date **Friday, April 16, 2027 by 4:00 PM**, and the detailed step-by-step description of the demonstration has been reviewed and approved by the panel judging the competition. See https://www.alberta.ca/occupational-health-safety for 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.

Competition Specific Rules

The following Competition Specific rules along with Skills Canada Alberta's overall Policies and Procedures provide specific details in competition areas that may vary from one another. Any additional contest rules will be reviewed during the Competitor Orientation.

Topic/Task	Contest Specific Rule
Skills Canada National Competition Partner Exclusivity	To avoid conflict with Skills Competences Canada's "Partner Exclusivity, all branding on tools and equipment should be taped or covered prior to its use in the competition.
Time Used in Set Up	If the time used to set up exceeds 10 minutes, any additional set up time required will need to take place as part of the demonstration time.
Demonstration Time	The demonstration time must be at least 20 minutes in length and must not exceed 30 minutes. At 30 minutes, the demonstration will be stopped by the judging panel and the questioning portion of the competition begins.
Time Used in Take Down	The demonstration space must be returned to its original state within the 10 minutes allocated for take down time.
Use of Technology	The use of mobile phones and/or smart watches are prohibited when the job skill demonstration is officially underway. Competitors, assistants, and models will NOT be permitted to use mobile devices (e.g. cell phones, smart watches, etc.) for timing purposes. Competitors should provide their own dedicated timer if they wish. Any timer used must not have alarm features enabled.

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)

TASKS	WEIGHT	/100
Health and Safety Plan		2
The Health and Safety Plan is submitted on time	1	
The Health and Safety Plan is completed with thoroughness and detail	1	
Set Up and Take Down		2
Set up is within the required time limit and no intervention is required by the Health and Safety officer prior to starting.	1	
Take down is within the required time limit and the demonstration space is returned to its original state.	1	

Opening		10
The job skill to be demonstrated is identified	1	
The corresponding competition area is identified	1	
The connection with the corresponding competition area is discussed in the demonstration	2	
The competitor identifies more than one of the Skills for Success to be used in the demonstration	2	
The competitor explains all the Skills for Success to be used in the demonstration	2	
The competitor outlines the process to be followed in the demonstration	2	
Demonstration and Explanation		39
The demonstration is within the 20–30-minute time limit	2	
Only one assistant/model is in the skill area at one time	1	
The initial steps lay the groundwork for the demonstration	2	
Subsequent steps expand upon initial steps by showing a logical progression (a demonstration completed while avoiding show and tell)	2	
The final steps lead to a logical conclusion	2	
The details in the explanation help to support each step	2	
Each step makes the process clearer	2	
Each step is thorough and detailed	2	
The competitor applies specialized skills and understanding to perform tasks effectively	2	
The demonstration incorporates a variety of mediums to support comprehension	2	
Each step is easy to follow and understand	2	
The demonstration space is organized	2	
The demonstration space is effectively used	2	
The materials and resources are used appropriately with respect to the job skill demonstrated	2	
The materials and resources are used sustainably	2	
The competitor discusses and elaborates on sustainability practices during demonstration	2	
Several Skills for Success (minimum of 2) are identified during the job skill demonstration	2	
A least 2 Skills for Success are elaborated on during the job skill demonstration	2	
The competitor makes mention of safety standards during the demonstration in accordance with the submitted, approved Health and Safety Plan	2	

The competitor adheres to current occupational health and safety standards of the host province	2	
Presentation		35
The competitor uses trade appropriate, professional language in the demonstration	2	
The competitor explains any trade appropriate language used in the demonstration	2	
The explanation of trade appropriate language throughout the demonstration assists with viewer comprehension	2	
The competitor uses voice appropriately: Tempo	2	
The competitor uses intentional pauses to communicate effectively	1	
The competitor uses voice appropriately: Pitch	2	
The competitor uses intentional emphasis to convey meaning	1	
The competitor uses voice appropriately: Projection	2	
The competitor enunciates and articulates words appropriately	1	
The competitor conveys enthusiasm (actions/gestures/tone/vocal)	2	
The competitor stimulates curiosity of the job skill	2	
The competitor conveys confidence in the delivery of the job skill (verbal/non-verbal)	2	
The competitor conveys fluency throughout delivery of the job skill (smoothness/fluidity)	2	
The competitor establishes audience rapport through verbal elements	2	
The competitor establishes audience rapport through non-verbal elements	2	
The competitor does not read from a prepared script	2	
The competitor makes clear connections to workplace safety practices specific to the related occupation (beyond the skill demonstrated)	2	
The competitor addresses specific safety procedures used in the job skill demonstration	2	
The competitor implements safety procedures as outlined in the submitted, approved Health and Safety Plan	2	
Closing and Application		6
The presentation arrives at a logical conclusion; does not end abruptly	2	
The closing summarizes the entire demonstration	2	

The closing explains practical uses of the job skill demonstrated	2	
Response to Questions		6
Question 1: The competitor answers the question providing depth and insight.	2	
Question 2: The competitor answers the question providing depth and insight.	2	
Question 3: This question will be directly linked to the competitor's submitted Health and Safety Plan. The competitor answers the question providing depth and insight.	2	
Grand Total	100	100

TIE BREAKING

In the event of a tie in grand totals, the competitor with the highest combined score in the two skill categories of "Demonstration and Explanation" and "Presentation", will be declared the winner.

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:

CTR1010 Job Preparation
CTR2010 Job Maintenance
HCS3010 Workplace Safety Practices
HCS3000 Workplace Safety Systems
HSS1090 Speaking and Presenting

Descriptions of all modules within Career and Technology Studies can be found at:
https://curriculum.learnalberta.ca/curriculum/en/area/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 skill 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. During orientation, competitors will participate in a safety orientation and will be expected to work and maintain a safe working area during the competition

ADDITIONAL INFORMATION

Questions?
Please click the link below for all questions related to this Contest Description.

https://skillsalberta.jotform.com/262295335905967

All questions will be forwarded to the Provincial Technical Committee (PTC) for review and response. Responses will be compiled into a Q&A document, which will be posted on the Skills Alberta website alongside this Contest Description.

Please check the Q&A document regularly for updates and responses to submitted questions.

Any additional questions, please contact Taylor Marko TaylorM@SkillsAlberta.com

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

Skillz & Thrillz Podcast
Check out our podcast – Skillz & Thrillz: Alberta's Trade & Tech Youth Podcast. Our talented alumni share tips and tricks on how to succeed in competitions and your career! Their insights can help you prepare for your Skills journey, and who knows, you might just be a future guest!
https://skillsalberta.com/student-resources/skillz-thrillz-albertas-trade-tech-youth-podcast/

Project Change at the Competition
Where a Test Project has been circulated to competitors in advance, the PTC may modify the project by up to a maximum of 30% of the total work content for the competition.

Competitor Registration
Registration for the Provincial Skills Canada Competition (PSCC) will open online on January 13, 2027 @ 3:30 PM. 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.

Parking & Venue Maps
Parking is FREE for all attendees.
Attendees **MUST** register for FREE parking by clicking the below link. Attendees can pre-register their vehicle at any time prior to the PSCC or register onsite at the PSCC.
https://www.offstreet.io/events/N6D61P2N

Competitor Onsite Registration
Competitor registration will take place on Tuesday, May 4th from 12:00 PM - 4:00 PM at the Edmonton Expo Center.

Competitor Welcome and Registration Event
In lieu of Opening Ceremonies, all competitors and teachers are invited to attend the Competitor Welcome and Registration Event from 3:00 PM to 4:00 PM at the Edmonton Expo Center.

Awards Ceremony
The Awards Ceremony will take place on Thursday, May 6, 2027, 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 26- May 29, 2027, in Calgary, AB. It is recommended that competitors review and become familiar with the SCNC contest description and project at https://www.skillscompetencescanada.com/en/event/scnc2027/

During the PSCC Awards Ceremony on Thursday May 6, 2027, 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 highest-ranking individual will be asked to participate. If a student is not able to attend the Awards Ceremony, an email confirming the student's interest in Team Alberta participation must be emailed to javierad@skillsalberta.com prior to the start of competition on May 5, 2027.

Please prepare your students in advance to accept a position on Team Alberta and review how your school will support their participation.
Please see this link for additional Team Alberta information: https://skillsalberta.com/team-alberta/

COMMITTEE MEMBERS

Els Carter
Susan Gwin
Jeff Lerouge
Brenda Thain

Health and Safety Plan

Please Note : The questions contained in the Health and Safety Plan are listed below for **reference only**. Competitors MUST submit the completed Health and Safety Plan ***ONLINE VIA THIS LINK***: https://skillsalberta.jotform.com/243338105692962 by **Friday, April 16, 2027, 4:00 pm**.

Competitors must complete their Health and Safety Plan 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.

Name of Competitor _____ Email Address _____ Phone _____
Name of Teacher/Mentor _____ Email Address _____ Phone _____
School Name _____

Skill Contest Area (example Carpentry, Culinary Arts, etc.) _____

Skill Being Demonstrated (example installing a hinge) _____

1. Detailed step-by-step description of the demonstration.

FIRES

2. Will there be potential for Fires? □ N/A □ Yes □ No

   If YES, please explain how a fire may occur in your demonstration.

3. 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.

4. Will there be flammable substances used in your demonstration? □ N/A □ Yes □ No

   If YES, please explain what these substances are.

5. Will flammable substances be adequately controlled? □ N/A □ Yes □ No

   If YES, please explain how you plan to keep these substances controlled.

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

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

SLIPS & TRIPS

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

8. Are there arrangements for cleaning up spillages?

□ N/A □ Yes □ No

If YES, please explain the potential for spillages and the processes to be used for cleaning them up.

9. Explain how your chosen clothing and footwear are suitable to your demonstration.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

10. Will any activities being undertaken require competitors, judges and PTC members to wear any protective equipment? □ N/A □ Yes □ No

If YES, explain how the personal protective equipment provided will be suitable for the competitor, the judges and the PTC members. (i.e. describe the use, purpose, size, degree of protection required, etc.)

11. If YES above: Will there be an adequate supply of protective equipment available?
□ N/A □ Yes □ No

If NO, please explain.

ERGONOMICS

12. Describe the ergonomic considerations (examples: sitting, standing, reaching, carrying, lifting, pushing, pulling, transporting) within your Job Skill Demonstration and how you have adequately controlled them within your capabilities.

BIOLOGICAL HAZARDS

13. Are there considerations around sanitization, hygiene and/or cross contamination?
□ N/A □ Yes □ No □

If YES, please explain.

HAZARDOUS SUBSTANCES

14. Have all hazardous substances within the competition demonstration been identified?
□ N/A □ Yes □ No

15. All Safety Data Sheet(s) for the hazardous substances identified are attached?
□ N/A □ Yes No □

16. Will suitable control measures be in place for the hazardous substances and proper handling of them?

□ N/A □ Yes No □

If YES, please explain what control measures are planned to be used.

17. Will there be suitable storage and disposal arrangements for the hazardous substances?
□ N/A □ Yes No □

If YES, please explain what arrangements have been made for the safe storing and disposing of each hazardous substance(s).

OTHER

Will your demonstration include the following:

18. Electrical equipment and/or power supply? □ N/A □ Yes □ No

19. Overhead hazards? □ N/A □ Yes □ No

20. Airborne contaminates? (i.e. dust, molds, vapours, fumes etc.) □ N/A □ Yes □ No

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

21. 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?

22. Do you anticipate informing the judges of any modifications that are needed in your submitted safety plan because of any changes in the COVID-19 guidelines and protocol that was not previously required?

    □ N/A □ Yes □ No

    If yes, please explain what you anticipate may change within the current COVID-19 guidelines prior to your demonstration date.

23. Explain any other health and safety guidelines needed for your demonstration.