



Contest Description

Edmonton Expo Centre, Edmonton

May 8 & 9, 2024

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

*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

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, ²Communication, ³Collaboration, ⁴Reading, ⁵Writing, ⁶Creativity and Innovation, ⁷Digital, ⁸Adaptability, ⁹Problem 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	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 ^{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}



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.

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 **whitneyk@skillsalberta.com by Thursday, April 27, 2024.** ^{1,2,4,5,7} Three printed copies of the safety plan with applicable Safety Data Sheet(s) must also be submitted to the judges during the Contest Orientation time. It is expected that the competitor will address the health and safety aspects of their demonstration during the presentation to the judges.
2. Preparing a 20- to 30-minute demonstration. ^{1,2,6,8,9}
3. Following the competition judging criteria provided in the Contest Description. ^{4,8,9}
4. Introducing the Skills for Success, identifying and elaborating on them throughout the demonstration. ^{2,4,5,8,9}
5. Referring to the sustainability aspects of their demonstration.

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

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 must be at least 20 minutes in length and must not exceed 30 minutes. 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 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 general public, other competitors, and may be photographed or videotaped. Competitors should be aware of, and prepared for, distractions in the competition area. ^{6,8,9}

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

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 AND 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	Internet accessibility that may be wired and/or wireless	A 48" TV or monitor with HDMI input and minimum 3m cable

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, three 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 whitneyk@skillsalberta.com by Thursday, April 27, 2024

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)

TASKS	WEIGHT	/100
Orientation		2
Health and Safety Plan is submitted on time	1	
Health and Safety Plan is completed with thoroughness and detail	1	
Opening		10
Job skill to be demonstrated is identified s	1	
Corresponding competition area is identified p	1	
Connection with corresponding competition area is discussed be used in the demonstration	2	
Identifies more than one of the Skills for Success to be used in the demonstration	2	
Explains Skills for Success to be used in the demonstration	2	
Outlines the process to be followed in demonstration	2	
Demonstration and Explanation		41
Demonstration is within the 20-30 minute time limit	2	
Setup is within the required time limit	1	
Take down is within the required time limit	1	
Only one assistant/model is in the skill area at one time	1	
Initial steps lay the groundwork for the demonstration	2	
Subsequent steps expand upon initial steps by showing a logical progression	2	
Final steps lead to a logical conclusion	2	
Details in the explanation help to support each step	2	
Each step makes the process clearer	2	
Each step is thorough and detailed	2	

Each step is easy to follow and understand	2	
Demonstration incorporates a variety of mediums to support comprehension	2	
Demonstration of specialized knowledge and expertise as related to the job skill	2	
Demonstration space is organized	2	
Demonstration space is effectively used	2	
Materials and resources are used appropriately with respect to the job skill demonstrated	2	
Materials and resources are used sustainably	2	
Competitor makes reference to sustainability practices during demonstration	2	
Skills for Success are identified during job skill demonstration	2	
Skills for Success are elaborated on during job skill demonstration	2	
Competitor makes mention of safety standards during demonstration in accordance with the submitted, approved Health and Safety Plan	2	
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 addresses general safety procedures throughout the demonstration	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
Presentation arrives at a logical conclusion; does not end abruptly	2	
Closing summarizes the presentation	2	
Closing explains practical uses of the job skill demonstrated	2	
Response to Questions		6
Question 1: Competitor answers the question providing depth and insight	2	
Question 2: 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. Competitor answers the question providing depth and insight	2	
Totals	100	100

TIE BREAKING

In the event of a tie in grand totals, the competitor with the highest combined score in the skill categories "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:

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 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.

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 17, 2024 @ 8:30 AM. Please refer to this competitions event page for additional registration and competition information:

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

Test Project Change at the Competition

Where the Test Project has been circulated to competitors in advance, PTC can change a maximum of 30% of the work content.



Lunch

Lunch for accredited competitors will be provided by Skills Canada Alberta.

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

Parking is FREE for all attendees.

Opening Ceremonies / Competitor Registration

Opening Ceremonies for the PSCC will take place on Tuesday May 7, 2024, 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 Ceremonies.

Awards Ceremony

The Awards Ceremony will take place on Thursday May 9, 2024, 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 27- June 1, 2024, in Quebec City, QC. 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 9, 2024, 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 individual 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 prior to the start of competition on May 8, 2024.

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.

Questions?

Please contact Whitney Koop at whitneyk@skillsalberta.com if you have any questions regarding the Contest Description.

COMMITTEE MEMBERS

Susan Gwin
Brenda Thain

FIRES

Will there be potential for Fires?

☐ N/A ☐ Yes ☐ No

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

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.

Will there be flammable substances used in your demonstration?

☐ N/A ☐ Yes ☐ No

If YES, please explain what these substances are.

Will flammable substances be adequately controlled?

☐ N/A ☐ Yes ☐ No

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

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.



SLIPS & TRIPS

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

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

If YES, please explain the process to be used for cleaning up spillages.

Explain how your chosen footwear is suitable to your demonstration.

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.

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

If NO, please explain.

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.)

MANUAL HANDLING

Will all manual handling tasks (carrying, lifting, pushing, pulling, transporting) 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.

HAZARDOUS SUBSTANCES

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

Have you attached all the Safety Data Sheets for the hazardous substances? ☐ 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.

OTHER

Will your demonstration include the following:

- Electrical equipment and/or power supply?

☐ Yes ☐ No
- Overhead hazards?

☐ Yes ☐ No
- Airborne contaminates? (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.

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?**

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

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