

2020 PROVINCIAL SKILLS CANADA COMPETITION



Contest Description

Edmonton Expo Centre, Edmonton
May 6 & May 7, 2020

EVENT: Job Skill Demonstration	LEVEL: Secondary
WORLDSKILLS TRADE #: 84	LOCATION: HALL B, Edmonton Expo Centre, Edmonton
DURATION: 50 minutes per presentation (includes setup and teardown time)	REGIONALIZED: NO

CONTEST INTRODUCTION

Essential Skills

Skills Canada Alberta is working to bring awareness to the importance of Essential Skills that are crucial for success in the workforce. Part of this initiative requires the integration and identification of Essential Skills in contest descriptions, projects, and project documents. Given this knowledge, competitors will become aware of which essential skills within their project may require improvement.

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 within your Contest Description.

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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 contest area that is a component of the Provincial Skills Competition. See the list below for the Provincial Skills Alberta Contests.

2D Character Computer Animation	Electrical Installations / Electronics	Outdoor Power & Recreation Equipment
3D Character Computer Animation	Fashion Technology	Painting & Decorating
Aesthetics	Graphic Design	Photography
Aerospace Technology	Hairstyling	Plumbing
Architectural Technology & Design	Heavy Equipment Service	Precision Machining
Auto Service	Industrial Mechanic / Millwright	Public Speaking
Autobody Repair	IT – Network Systems Administration	Refrigeration and Air Conditioning
Automation & Control	IT – Software Solutions of Business	Robotics
Baking	Job Search	Sheet Metal
Brick Masonry	Job Skill Demonstration	Sprinkler Systems
Cabinet Making	Joinery	Steamfitter / Pipefitter
Carpentry	Landscape Gardening	Video Production
Car Painting	Mechanical CADD	Web Design Development
CNC Machining	Mechanical Insulation	Welding
Culinary Arts	Mechatronics	Workplace Safety

DURATION OF CONTEST

The number of days of the contest will be based on the number of competitors. Each competitor has up to 50 minutes for this demonstration, which includes set-up, demonstration, and take down. Judges will ask questions following the demonstration. Time used during questioning will not count as demonstration time. Visual aids such as props or models may be used to demonstrate the topic.

Time Format:

- Set-Up - Up to 10 minutes^{1,7}
- Demonstration - At least 20 minutes, not more than 30 minutes^{1,2,7}
- Questions - will have no bearing on the demonstration time^{2,7}
- Take Down - Up to 10 minutes⁷

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*Note: A detailed schedule will be emailed to all teachers that will include the orientation time and presentation time for all competitors.

SKILLS AND KNOWLEDGE TO BE TESTED

Each competitor must prepare for the Job Skills Demonstration by:

1. Providing a detailed health and safety plan with a description of the demonstration, along with a Safety Data Sheet (SDS) if applicable, identification of skills, and the relation of the demonstration to the specific contest area^{6,7,8}.
2. Preparing a 20-30 minute demonstration.^{7,8}
3. Following the competition judging criteria provided in the Contest Description.⁸
4. Identifying and explaining the essential skills that will be used during the demonstration.^{2,7}

SPECIFIC INFORMATION

- Competitors must prepare their own digital and non-digital visual aids (signs, charts, transparencies, slides and diagrams).^{8,9}
- 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 may be in the contest area at any given time.
- The demonstration must be at least 20 minutes in length and must not exceed 30 minutes.⁷
- Competitors must present/demonstrate, not read from a script.²
- Competitors must follow current occupational health and safety standards.^{4,7}
- 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.
- 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.

Essential Skills –, ¹Numeracy, ²Oral Communication, ⁴Continuous Learning, ⁵Reading Text, ⁷Thinking (Job task planning & organizing), ⁸Document Use, ⁹Digital

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CONTEST DESCRIPTION

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 dry wall
- Installing a lock set on a door
- Servicing small engines
- Installing a light and switch
- Soldering copper tubing
- Creating a visual element for a video production
- Hairstyling
- Baking/Cooking
- Constructing a webpage
- Constructing a brick wall

EQUIPMENT & MATERIALS

Equipment and Materials Competitors Must Supply:

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

Data projector
Laptop
Remote
Extension cords

Competitors must wear clothing appropriate for the presentation.

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Equipment and Materials Supplied by the Committee:

A space appropriate for conducting a demonstration	Two heavy duty tables approximately 0.75m by 1.5m	Plastic tarp (9 X 12)
Two 110 volt (15 amp) electrical outlets	Large waste container for cleanup	Projection screen (9 X 12)
Two power bars	A broom and dust pan	Portable microphone system with lapel mic
Two extension cords (min. 10')	Wi-fi accessibility	A 48" TV or monitor with HDMI input and minimum 10' cable

Safety Plan

Competitors are responsible for ensuring that they are complying with Occupational Health and Safety requirements as they perform their demonstration. **A safety plan including a description of the demonstration must be submitted to the judges at the Orientation for the competition.** 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 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 skill area without the proper Personal Protection Equipment (PPE).

JUDGING CRITERIA

POINT BREAKDOWN	WEIGHT	TOTALS
Opening		
Introduces the skill to be demonstrated	2	10
Explains link to competition area	2	
Identifies and explains essential skills to be used in the demonstration	3	
Outlines the process to be followed in the demonstration	3	
Demonstration and Explanation		
Steps of the demonstration follow a logical progression:		10
Initial steps lay out the groundwork of the demonstration	3	
Subsequent steps expand upon and develop out of these	4	
Final steps in the demonstration lead to a logical conclusion	3	
Demonstration shows thoroughness		
Details in the explanation help to support each step of the process	3	32

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Each step makes the process clearer	2	
Although thorough and detailed, steps are easy to follow and understand	3	
Complexity of the demonstration	5	
Demonstration space is organized	3	
Demonstration space is effectively used	3	
Materials and resources are used effectively	3	
Essential skills have been demonstrated as identified	2	
Demonstration is within the 20-30 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	4	
Presentation		
The competitor uses trade-appropriate language in the demonstration	3	36
The competitor explains any skills-specific terminology used in the demonstration	3	
The competitor uses voice appropriately: Tempo	4	
The competitor uses voice appropriately: Pitch	3	
The competitor uses voice appropriately: Projection	3	
The competitor conveys enthusiasm	5	
The competitor conveys confidence	5	
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 during the presentation	4	
Closing and Application		
Closing summarizes the presentation	2	6
Closing explains the practical uses of the skill demonstrated	4	
Response to Questions		
Competitor answers questions providing depth and insight	6	6
Totals	100	100

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TIE BREAKING PROCESS (no ties allowed)

In the event of a tie, the competitor with the highest score in the demonstration and explanation criteria combined will be declared the winner.

RELATED CAREER AND TECHNOLOGY STUDIES COURSES

Descriptions of all modules are located at the following website:

<http://www.education.gov.ab.ca/cts>

HCS3010

CTR 2030

HCS3000

HSS 1090

CTR 1010

CTR 2210

CLOTHING REQUIREMENT

It is important that competitors present a professional image and appearance. 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 will not be permitted. No loose-fitting clothes or jewelry.

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 at <https://portal.skillsalberta.com/> on January 22, 2020 @ 8:30 AM. Please refer to the following links for additional registration information: [Tips for High School Teachers](#) and [Road to Provincials](#)

Last Updated January 14, 2020

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High School Competitor Information is [available here](#).

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 5, 2020 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.

Team Alberta Information

Team Alberta will be selected at the PSCC happening on May 6 - May 7, 2020. Gold medalists will then be eligible to participate at the Skills Canada National Competition (SCNC) on May 28 and May 29, 2020 in Vancouver, BC. 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 7, 2020 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 katherinek@skillsalberta.com prior to the start of competition on May 6, 2020.

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.

COMMITTEE MEMBERS

Fred Mensch
Lorraine Jenkins
Susan Gwin

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FIRES

Will there be potential for Fires?
If YES, please explain.

Yes No

Will there be ways to minimize the risk?
If YES, please explain.

N/A Yes No

Will there be flammable substances used in your demonstration?
If YES, please explain.

Yes No

Will flammable substances be adequately controlled?

N/A Yes No

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

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SLIPS & TRIPS

Does the planned layout of the work area for the demonstration include reducing the potential for slips and trips? Yes No

Are there arrangements for cleaning up spillages? Yes No

Will the competitor be wearing suitable footwear? Yes No

PERSONAL PROTECTIVE EQUIPMENT

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

If yes, will there be an adequate supply of protective equipment available? Yes No

Will the personal protective equipment be suitable for competitors, judges and PTC members? (i.e. size, degree of protection) Yes No

MANUAL HANDLING

Will manual handling tasks associated with the demonstration be adequately controlled and within the capabilities of the competitor? Yes No

HAZARDOUS SUBSTANCES

Have all hazardous substances with the competition been identified? Yes No

Will suitable control measures be in place for the hazardous substances and proper handling of them? Yes No

Will there be suitable storage and disposal arrangements for the hazardous substances? Yes No

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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?

What other health and sanitation guidelines need to be followed for your demonstration?
