

# 24th ANNUAL



**April 4–14, 2022 (Secondary)**  
**April 14, 2022 (Post-Secondary)**



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**[www.skillsmanitoba.ca](http://www.skillsmanitoba.ca)**



Skills Canada Manitoba (established in 1998) is a not for profit, charitable organization that works with employers, educators, labour groups and governments to reposition skilled trades and technology careers, as a first choice career option for Manitoba youth. The Skills organization guides students toward available opportunities in skilled trades and technology through events and programs like the skills competition. Skills Canada Manitoba and its partners in business, industry, labour, education, and government, are helping to secure Manitoba's future skilled workforce needs.

The highlight of Skills Canada Manitoba is our Skills Competition. The Secondary level Competition will be virtual due to COVID 19. The competition will be held between April 4 – 14, 2022. The Post-Secondary Competition will be held on Thursday, April 14, 2022—To Be Confirmed.

Students participate in challenges designed to test skills required in trades and technology careers. The philosophy of the Skills Competition is to reward students for excellence, directly involve industry in evaluating student performance, and keep training programs relevant to employers' needs.

There will be no fee to enter the 2022 Secondary level Skills Manitoba Competition. The Post-Secondary Skills Manitoba Competition to be confirmed.

Competitors and Advisors/Supervisors must register. Please go to the Skills Manitoba website for the links. <https://skillsmanitoba.ca/competitions/>

Winners of the Secondary level provincial competition may form Team Manitoba and compete against their peers at the Skills Canada National Competition which will also be virtual in 2022 and will be held May 25—28, 2022. Post-Secondary winners will compete in person in Vancouver, British Columbia at the Skills Canada National Competition May 25—28, 2022.

Over 475 high school, post-secondary and apprentice students compete in 42 skilled trades and technology contests in six industry sectors.

Over 500 volunteers contribute their time and energy to this event.

Contest Descriptions (Scope documents) are devised by provincial technical committees which are made up of industry professionals and educators. The Contest Descriptions outline the nature of each contest and the areas of knowledge to be tested. Each scope is specific to the competition. The Contest Descriptions can be found on the Skills Manitoba website <https://skillsmanitoba.ca/competitions/>

#### **IMPORTANT DATES FOR VIRTUAL SECONDARY LEVEL CONTESTS:**

**February 7, 2022** - Registration for the Skills Manitoba Competition begins

**March 18, 2022** – Competitor registration deadline

**April 4 – 14, 2022** – Skills Manitoba Competition

**April 12, 2022** – Deadline for student's work to be submitted

**April 14, 2022** - Student's work to be evaluated by this date

**April 20, 2022** – Results to be posted on the Skills Manitoba website and social media sites

#### **IMPORTANT DATES FOR POST-SECONDARY LEVEL CONTESTS**

**February 7, 2022**— Registration for the Skills Manitoba Competition begins

**March 18, 2022**—Competitor registration deadline

**April 14, 2022**—Post Secondary Skills Manitoba Competition

**April 20, 2022**—Results to be posted on the Skills Manitoba website and social media sites.

Please note that there will be an Orientation Session prior to both the Secondary and Post Secondary competitions. Details and time to be announced by the Provincial Technical Committee. Competitor and advisor/supervisor attendance is mandatory.

We will be using **Google Classroom** as our platform for the Secondary level virtual competition. You will receive login information prior to the competition start date.



# Who can participate?

Contests are open to students who meet all the criteria (see below) for the level at which they wish to participate. ***Some contests have limits to the numbers of students (i.e. one student per contest, school), in which case we suggest an "in-school" competition run off.***



*Competitors are eligible to register in a **SECONDARY LEVEL** contest if they:*

- Have taken an accredited skilled trades or technology program related to the contest as part of their core high school course any time from July 2021 to present; and
- Be less than 22 years of age on December 31st of the year of the Competition
- Are currently attending a secondary school in Manitoba; and
- Are a Canadian citizen or permanent resident (landed immigrant)

Note: If home residence is a province or territory other than Manitoba, a waiver must be signed to indicate that the competitor will not represent their home province or territory at the 2022 Provincial and National Skills competitions.

*Competitors are eligible to register in a **POST-SECONDARY LEVEL** contest as follows:*

- Are a Canadian citizen or permanent resident (landed immigrant)

## **Non-Apprenticeable Skills**

A competitor must be a registered student with a training institution in a related program in the skill in which they wish to compete at any time between July 1st of the previous year of the provincial competition and the date of the current provincial competition.

## **Apprenticeable Skills**

A competitor must be registered in a pre-apprenticeship program or be a registered apprentice in the trade (skill) in which they wish to compete at any time between July 1st of the previous year of the provincial competition and the date of the current provincial competition.

Competitors must not be a certified journey person prior to April 1st of the Provincial Competition year, in the skill area in which they wish to compete. Please note: Skills Canada's definition of a certified journey person is someone who has received one or more of the following from their Provincial/Territorial issuing Authority;

- Journeyman Certificate
- Certificate of Qualification
- Confirmation of Apprenticeship Completion Letter
- Completion Letter
- Or any other documentation confirming completion of an apprenticeable skill area

## **CONTESTS**

Skills Manitoba hosts over 40 Olympic-style, industry sponsored contests representing six industry sectors at two different levels (secondary and post secondary). Where indicated, (2) represents a 2 member "team" contest. Please note: Some contests are provincial only; therefore, students competing in these contests will not compete nationally.



**Scope of testing** Criteria for each contest (contest descriptions) are developed by volunteer industry professionals and trade and technology educators and reflect standards recognized provincially, nationally, and, in some cases, internationally. Contest Descriptions are to be reviewed by the competitor well in advance of the competition to understand all the contest parameters, such as skills requirements and knowledge level, accepted tools and appropriate dress.

*Please note that (2) beside a contest name indicates that this contest requires a two-person team.*

*\* This is a preliminary list of contests. Changes may occur.*

*\*Provincial competition only*

## MANUFACTURING AND ENGINEERING

| Contest # | Contest Name         | Level |   |
|-----------|----------------------|-------|---|
| 01        | Industrial Mechanics |       | P |
| 03        | Precision Machining  |       | P |
| 06        | CNC Machining        |       | P |
| 23        | Mobile Robotics (2)  | S     |   |

## EMPLOYMENT

| Contest # | Contest Name            | Level |  |
|-----------|-------------------------|-------|--|
| 83        | Job Search              | S     |  |
| 84        | Job Skill Demonstration | S     |  |
| 85        | Public Speaking         | S     |  |
| 92        | Workplace Safety        | S     |  |

## CONSTRUCTION

| Contest # | Contest Name                       | Level |   |
|-----------|------------------------------------|-------|---|
| 10        | Welding                            | S     | P |
| 15        | Plumbing                           |       | P |
| 18        | Electrical Installations           |       | P |
| 20        | Bricklaying                        |       | P |
| 24        | Cabinetmaking                      |       | P |
| 26        | Carpentry                          |       | P |
| 37        | Landscape Gardening (2)            |       | P |
| 38        | Refrigeration and Air Conditioning |       | P |
| 43        | Sheet Metal Work                   |       | P |

## INFORMATION TECHNOLOGY

| Contest # | Contest Name                           | Level |    |
|-----------|--|-------|----|
| 05        | Mechanical Engineering CAD             | S     | P  |
| 16        | Electronics                            | S     | P  |
| 17        | Web Technologies                       | S     | P* |
| 39        | IT Network Systems Administration      | S     | P  |
| 40        | Graphic Design Technology              | S     | P  |
| 50        | 3D Digital Game Art                    |       | P  |
| 52        | Architectural Technology & Design      |       | P  |
| 54        | Photography                            | S     | P  |
| 82        | Video Production (2)                   | S     |    |
| 87/88     | 3D 2D Character Computer Animation (2) | S     |    |
|           | 2D Auto Cad                            | S*    |    |

## TRANSPORTATION

| Contest # | Contest Name                           | Level |   |
|-----------|--|-------|---|
| 13        | Autobody Repair                        | S     | P |
| 14        | Aerospace Technology                   |       | P |
| 33        | Automobile Technology                  | S     | P |
| 36        | Car Painting                           | S     | P |
| 49        | Heavy Vehicle Technology               |       | P |
| 53        | Outdoor Power and Recreation Equipment |       | P |

## SERVICES

| Contest # | Contest Name           | Level |   |
|-----------|------------------------|-------|---|
| 29        | Hairstyling            |       | P |
| 30        | Aesthetics (Skin Care) |       | P |
| 32        | Baking                 | S     | P |
| 34        | Cooking                | S     | P |