

20th Annual



SKILLS MANITOBA
Competition

April 13, 2017



Presented By



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What is the Skills Manitoba Competition?

The Skills Manitoba Competition is a one day event that provides young Manitobans the opportunity to showcase their talents in an Olympic-style, province wide contest, held at Red River College. Students compete in over 40 different hands on contests at the secondary and post secondary/apprentice level that are designed (and judged) by industry professionals and educators. The philosophy behind the competition is to reward students, involve industry and to keep training relevant for employers' needs. Winners of the provincial competition may form team Manitoba and compete against their peers at the Skills Canada National Competition.

In 2016, over 500 students and 300 volunteers participated and the numbers are sure to increase again for 2017. The competition also coincides with Red River College's open house, where middle and high school students tour the college facilities and contest sites. The tours offer hands on activities at different contest sites and detailed program and entrance requirements.



Why a skills competition?

The Skills Competitions provide the much needed awareness of Canada's skilled workforce shortage. In report, *Toward a Bright Future: Recommendations for Addressing Skills Shortages in Western Canada*, Todd Hirsch (Chief Economist of the Canadian West Foundation), says **73 of the 76 major industry associations in the west expect moderate to severe worker shortage within the next five years. 41 of those associations said the number of students currently graduation from post secondary institutions will not be enough to meet the demands of their industries.** Many students, educators and parents are uninformed of the merits of post secondary training in trades and technology (good pay, job security and flexibility) and the skills competition is an excellent venue to overcome these misconceptions.

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 2016 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 2017 Provincial and National Skills competitions.

*Competitors are eligible to register in a **POST-SECONDARY/APPRENTICE LEVEL** contest if they:*

- Have taken a skilled trades or technology program related to the contest through an accredited institution any time from July 2016 to the present; and/or
- Are not a certified journeyman in the contest area for which they have registered; and/or
- Are currently a registered apprentice in Manitoba; and/or
- 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 2017 Provincial and National Skills competitions.

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) or (4) represents a 2 member “team” or a 4-member “team” contest. Please note: Some contests are provincial only; therefore, students competing in these contests will not compete nationally.



SKILLS WORK!®



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 skill requirements and knowledge level, accepted tools and appropriate dress.

MANUFACTURING

Contest #	Contest Name	Level	
6	CNC Machining		P
3	Precision Machining	S	P
5	Mechanical CADD	S	P
38	Refrigeration and Air Conditioning		P
23	Robotics (4)	S	
51	Industrial Mechanic Millwright		P
10	Welding	S	P
	Auto CAD (2 dimensional)	S*	

EMPLOYMENT

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

TRANSPORTATION

Contest #	Contest Name	Level	
14	Aerospace Technology		P
33	Automotive Service	S	P
94	Heavy Equipment Service		P
13	Autobody Repair	S	P
53	Outdoor Power & Recreation Equip.	S	
36	Car Painting	S	P

*Provincial competition only

**Hairstyling will be hosting a beginner level competition

COMMUNICATION

Contest #	Contest Name	Level	
87	3D Character Computer Animation(2)	S	
88	2D Character Computer Animation(2)	S	
40	Graphic Design	S	
39	IT-Network Systems Administration	S	P
54	Photography	S	P
17	Web Design Development	S	P
8	IT Office Software Applications	S	P
82	Video Production (2)	S	
16	Electronics	S	P
	Geographic Information Systems	S*	P*

CONSTRUCTION

Contest #	Contest Name	Level	
52	Architectural Technology & Design	S	P
24	Cabinet Making	S	P
18	Electrical Installations	S	P
15	Plumbing		P
20	Brick Masonry		P
26	Carpentry	S	P
43	Sheet Metal		P

SERVICE

Contest #	Contest Name	Level	
30	Aesthetics (Nail Technology)	S*	
30	Aesthetics (Skin Care)		P
34	Cooking	S	P
29	Hairstyling**	B*	S P
32	Baking	S	P
37	Landscape Gardening (2)		P
31	Fashion Technology	S	



How do I register for the 2017 Skills Manitoba Competition?



If you are eligible to compete in one of the contests, you are required to fill out a 2017 Skills Manitoba Competition registration form and pay a registration fee before February 17, 2017 (for early bird registration). Forms are to be completed entirely in order to be valid and must include registration fees.



23rd Skills Canada National Competition Qualifiers

Gold medal winners may qualify to progress to the Skills Canada National Competition. In the event that a gold medal winner cannot attend the silver medal winner may qualify to participate.

The 23rd Skills Canada National Competition will be held May 31—June 3, 2017 here in Winnipeg, Manitoba! Students that will be attending the Skills Canada National Competition should begin training immediately after the provincial competition using the national contest description document as their guide.

Note: Only Canadian citizens and permanent residents (landed immigrant) have the right to compete in the Canadian Skills Competition.



Interactive School Tours

Red River College will host interactive school tours of the contest sites and the College's facilities on April 13, 2017. Tours will include knowledge challenges and hands on activities that will encourage learning about trades and technology careers. You'll get a birds eye view of the competition and what goes into it.

To book a group tour please call Ainslee DeVos at the Skills Manitoba office @ 204-927-0250 or by e-mail at skillsmb@skillscanada.com

Please book early as tour numbers are limited. ****Please note:** Tours are available at the Notre Dame Campus only.

SKILLS WORK!®

SKILLS CANADA MANITOBA 2016-2017 UPCOMING EVENTS

IN SCHOOL PROGRAM

September 2016 to June 2017

CARDBOARD BOAT RACE – Winnipeg, Manitoba
TBA – 17 Wing Fitness & Recreation Centre

YOUNG WOMEN'S CONFERENCE – Dauphin, Manitoba
October 26, 2016 – Dauphin Regional Comprehensive Secondary School

MODEL WIND TURBINE COMPETITION – Winnipeg, Manitoba
November 1, 2016 – Red River College, Notre Dame Campus

TRADE AND TECHNOLOGY OLYMPICS – Thompson, Manitoba
November 2016 – Thompson Regional Community Centre

YOUNG WOMEN'S CONFERENCE – Winnipeg, Manitoba
November 10, 2016 – Manitoba Institute of Trades and Technology

YOUTH IN MANUFACTURING – Winnipeg, Manitoba
December 1, 2016 – Red River College, Notre Dame Campus

SKILLED TRADES & TECHNOLOGY SHOWCASES
January/February 2017 – High Schools in Manitoba

EXTREME SLEDDING COMPETITION – Winnipeg, Manitoba
February 15, 2017 – Manitoba Institute of Trades and Technology

YOUNG WOMEN'S CONFERENCE – Brandon, Manitoba
April 4, 2017 – Assiniboine Community College

YOUNG WOMEN'S CONFERENCE – The Pas, Manitoba
March 7, 2017 – University College of the North

Northern Skilled Trades and Technology Showcase – The Pas, Manitoba
March 14, 2017 – University College of the North

SKILLS MANITOBA COMPETITION – Winnipeg, Manitoba
April 13, 2017 – Red River College, Notre Dame & Roblin Centre Campuses

YOUNG WOMEN'S CONFERENCE – Winnipeg, Manitoba
April 13, 2017 – Red River College, Notre Dame Campus

YOUNG WOMEN'S CONFERENCE – Thompson, Manitoba
April 25 2017 – R.D. Parker Collegiate

NORTHERN SKILLED TRADES AND TECHNOLOGY SHOWCASE– Thompson, Manitoba
(BOYS)

April 26, 2017– R.D. Parker Collegiate

NORTHERN SKILLED TRADES AND TECHNOLOGY SHOWCASE– Flin Flon, Manitoba
May 17, 2017 – Northern Manitoba Mining Academy

SKILLS CANADA NATIONAL COMPETITION – Winnipeg, Manitoba
May 31–June 3, 2017

For more information, visit our website at www.skillsmanitoba.ca