



Virtual Skills Competition

April 5th - 16th, 2021



Industrial Transportation Construction Service Technologies



**Great jobs...
Great future!**

A photograph of two young men in a workshop setting, focused on working on a large, complex engine. The man on the left is wearing a blue t-shirt and safety glasses, leaning over the engine. The man on the right is wearing a dark blue long-sleeved shirt, a black beanie, and safety glasses, also leaning over the engine. The background shows a blurred view of a workshop with various equipment and a large orange and white structure, possibly part of an aircraft or a large machine. The image is partially covered by a red circular graphic on the left side.

Innovation at Work

Best of luck to those taking part in the 2021 Skills Manitoba competition!

We're proud to support the next generation of skilled trades and technology leaders, and to showcase the achievements of those embodying excellence in their fields.

To explore the degree, diploma, certificate and micro-credential options at Manitoba's only polytechnic, visit rrc.ca

ABOUT SKILLS MANITOBA

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.

Skills Canada Manitoba and its partners in business, industry, labour, education, and government, are helping to secure Canada's future skilled workforce needs by:

- providing unique programs to raise awareness of current and emerging skilled trades and technology careers;
- bringing Canadian youth into a competitive spotlight;
- developing dynamic partnerships with agencies and organizations involved in promoting skilled trades and technology; and
- identifying and using best practices



THANK-YOU FOR SUPPORTING SKILLED TRADES AND TECHNOLOGY CAREERS AND THE YOUTH OF MANITOBA!

During this unprecedented time, Skills Manitoba has adapted to the global crisis and upheaval, by evolving and changing the way we deliver our Programs.

Our team is continuing to lead the way by engaging youth in skilled trades, technologies and employability skills, supporting diversity in our communities and celebrating excellence through competition.

Our programming has successfully changed over to a virtual delivery model to support youth, parents and teachers. Skills Manitoba has delivered the In School Program, Northern Manitoba Programs, Young Women's Conferences, Skills in the Classroom, Online Challenges and various 'hands on' Programs throughout the Province through a virtual delivery platform.

We recognize the need to adjust to our changing world so that we can help youth find their passion and chart their course. We also recognize the need to support local employers and develop programs to ensure the optimum skill match.

Skills Manitoba will help lead the Skills Movement and the recognition of the importance of skilled workers for the future success of our country in which the next generation can play an active role.

The time is now to focus on the next generation so that they can play an active role in our economic recovery and achieve success in creating a rewarding future

Through igniting passion and encouraging discovery, we are committed to leading the Skills Movement in this province and country.

We sincerely thank you for sharing our commitment to promoting skilled trades and technology career options to Manitoba's future workforce.

We look forward to working with you and future partners as we continue to inspire Manitoba's youth.

Maria Pacella

Executive Director

NONE OF OUR WORK COULD BE POSSIBLE WITHOUT OUR AMAZING PARTNERS AND SUPPORTERS AND FOR THAT WE ARE VERY GRATEFUL TO YOU!!

Skills Canada Manitoba continues to work closely with our industry, government and education stakeholders to offer innovative career exploration opportunities to Manitoba youth. With your help, we are able to provide a unique platform where young people can explore their skills and interests and learn about the many education and career pathways available to them.

WELCOME



SKILLS CANADA COMPETITIONS 2021

LETTER FROM THE MINISTER

As the Minister of Employment, Workforce Development and Disability Inclusion, it is my pleasure to welcome all of you to the Skills Canada Manitoba Provincial Competition.

The skilled trades offer rewarding, high quality and well-paying jobs that are critical to Canada's economic growth and are in high demand. Across the country, skilled tradespeople have been critical to essential sectors during this pandemic, and they will continue to play an important role as Canada moves towards economic recovery.

The Government of Canada recognizes the importance of ensuring that Canadians – including Canadians from key groups who face barriers, such as youth, women, newcomers, Indigenous people, persons with disabilities, and Black and racialized Canadians — get the opportunity to explore and prepare for good careers in the skilled trades. That is why supporting youth to go into the skilled trades is a longstanding priority for the Government.

We recently invested \$23 million over five years in an agreement with Skills/Compétences Canada to encourage youth to build careers in the trades through regional skills competitions as well as other promotional activities hosted by Skills/Compétences Canada's provincial and territorial Member Organizations.

À titre de ministre de l'Emploi, du Développement de la main-d'œuvre et de l'Inclusion des personnes handicapées, je suis heureuse de vous souhaiter la bienvenue à la compétition provinciale de Skills Canada Manitoba.

Les métiers spécialisés offrent des emplois valorisants, de grande qualité et bien rémunérés qui sont essentiels à la croissance économique du Canada, en plus d'être très recherchés. Partout au pays, les travailleurs spécialisés jouent un rôle critique dans des secteurs essentiels depuis le début de la pandémie, et ils continueront à le faire à mesure que le Canada avancera dans sa relance économique.

Le gouvernement du Canada reconnaît qu'il est important de faire en sorte que les Canadiens — y compris les Canadiens issus de groupes clés qui sont confrontés à des obstacles, comme les jeunes, les femmes, les nouveaux arrivants, les Autochtones, les personnes en situation de handicap et les Canadiens noirs et racisés — aient la possibilité d'explorer les bonnes carrières dans les métiers spécialisés et de s'y préparer. C'est pourquoi le fait d'encourager les jeunes à choisir un métier spécialisé est une priorité de longue date pour le gouvernement.

Nous avons récemment investi 23 millions de dollars sur cinq ans dans une entente avec Skills/Compétences Canada afin d'inciter les jeunes à se lancer dans une carrière dans les métiers, grâce à des compétences régionales de même qu'à d'autres activités promotionnelles organisées par les organisations membres provinciales et territoriales de Skills/Compétences Canada.

This is in addition to our support for the Red Seal Program, as well as measures for apprentices such as: apprenticeship grants, the Canada Apprentice loan, tax credits and Employment Insurance benefits while attending full-time technical training. For more information on the Red Seal Program and supports for apprentices, I encourage you to visit Red Seal and Supports for Apprentices.

I am proud to partner with Skills/Compétences Canada and support our country's youth to get the help they need to access training and work in their chosen trades. Being exposed to the skilled trades and technologies while engaging with your peers will surely be a memorable experience.

I wish you good luck in the virtual competitions.

A blue ink signature of The Honourable Carla Qualtrough, P.C., M.P. The signature is stylized and cursive, written in a dark blue ink.

The Honourable Carla Qualtrough, P.C., M.P.

Cela s'ajoute à notre soutien au programme Sceau rouge et à d'autres mesures pour les apprentis, comme les bourses pour les apprentis, le prêt canadien aux apprentis, les crédits d'impôt et les prestations d'assurance-emploi pendant une formation technique à temps plein. Pour en savoir plus sur le programme Sceau rouge et les mesures de soutien aux apprentis, je vous encourage à visiter les pages de Sceau rouge et Soutien fourni aux apprentis.

Je suis fière de m'associer à Skills/Compétences Canada et de soutenir les jeunes de notre pays à obtenir l'aide dont ils ont besoin pour accéder à la formation et à l'emploi dans le métier qu'ils ont choisi. Apprendre à connaître les métiers spécialisés et les technologies tout en échangeant avec vos pairs sera sûrement une expérience mémorable.

Je vous souhaite bonne chance dans les compétitions virtuelles.

A blue ink signature of The Honourable Carla Qualtrough, C.P., députée fédérale. The signature is stylized and cursive, written in a dark blue ink.

L'honorable Carla Qualtrough, C.P., députée fédérale



SKILLS CANADA MANITOBA MINISTERIAL GREETING FOR 2021 SKILLS MANITOBA COMPETITION

On behalf of the Government of Manitoba, it is my pleasure to welcome all participants to the annual Skills Manitoba Competition that is being held virtually from April 5-16, 2021.

The annual Skills Manitoba competition provides students and apprentices the opportunity to demonstrate the skills excellence that is essential to careers in the trades and technology. The competition highlights the value of careers in the skilled trades and exemplifies the talent, diversity and the possibilities that the trades offer. Events like these foster dynamic partnerships with industry, educational institutions and government, all of whom are devoted to increasing the skilled workforce in the province.

The emergence of the COVID-19 pandemic has changed the workplace. A skilled workforce is key to Manitoba's economy, and our government will rely on these workers to rebuild the economy following the pandemic. The Government of Manitoba is committed to invest in trained workers and the skilled trades. Youth engagement is essential for Manitoba's skilled trades system to continue on the path of success. This is why supporting youth in the trades system continues to be one of our main priorities.

Together, we will continue to create opportunities to keep our economy moving forward. I am grateful for the hard work and dedication that volunteers, teachers, industry partners and organizers contribute to make this year's event a success.

Congratulations to each of the participants for displaying their skills, talents, and abilities throughout the competition. I wish you much success in your goal to represent Manitoba at the Skills Canada National Competition in June.

Ralph Eichler

Minister
Economic Development and Jobs



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SKILLS CANADA NATIONAL COMPETITION



SKILLS COMPETENCES CANADA NATIONAL COMPETITION

The National event brings together over 500 young people from all regions of Canada, along with their parents and advisors, to compete in over 40 trade and technology areas. The competition provides an opportunity for young Canadians studying a skilled trade or technology to be tested against exacting standards and against their peers from across the nation. Students vie to win the honor of being crowned the best in their chosen discipline.

Participating students will have qualified to compete at the Skills Canada National Competition by earning a gold medal in their respective provincial/territorial competitions. Select medalists from the Skills Canada National Competition may then form Team Canada and travel to the World Skills Competition. Offered every other year, the World Skills Competition is a prestigious event involving more than 50 countries and over 1000 competitors. This professional, once-in-a-lifetime event is an amazing experience for students involved.

The main goal of this event and Skills programming throughout the year across Canada is to deliver hands-on opportunities to explore these careers and to raise awareness for the general population for the value of skilled trades and technology occupations.

Through industry, government, labour, education and a terrific network of volunteers, the Skills Competitions prepare students for the realities of the working world and instills a “quality attitude towards work and pride in what they do.” Through recognition, students feel good about their future and become active participants in our country’s development and competitiveness.

HISTORY OF CANADIAN SKILLS COMPETITIONS

25th – Halifax, Nova Scotia 2019
24th – Edmonton, Alberta 2018
23rd – Winnipeg, Manitoba 2017
22nd – Moncton, New Brunswick 2016
21st – Saskatoon, Saskatchewan 2015
20th – Toronto, Ontario 2014
19th – Vancouver, British Columbia 2013
18th – Edmonton, Alberta 2012

17th – Quebec City, Quebec 2011
16th – Waterloo, Ontario 2010
15th – Charlottetown, Prince Edward Island 2009
14th – Calgary, Alberta 2008
13th – Saskatoon, Saskatchewan 2007
12th – Halifax, Nova Scotia 2006
11th – Edmonton, Alberta 2005
10th – Winnipeg, Manitoba 2004

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MODEL WIND TURBINE COMPETITION

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CARDBOARD BOAT RACE

17 Wing Winnipeg Fitness
and Recreation Centre
Red River College

SKILLED TRADES & TECHNOLOGY SHOWCASE

Crocus Plains
Regional Secondary School
Gerdau Ameristeel
Lord Selkirk Regional Secondary School
Safe Workers of Tomorrow

YOUNG WOMEN'S CONFERENCES

Assiniboine Community College
Dauphin Regional Secondary School
Major Pratt School
Manitoba Institute of
Trades and Technology
Northern Manitoba Mining Academy
R.D. Parker Collegiate
Red River College
Sunrise School Division Offices
University College of the North

YOUTH IN MANUFACTURING

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Convicon
MacDon Industries
Red River College

NORTHERN MANITOBA PROGRAMS

City of Flin Flon
(Fire and Emergency Services)
City of Thompson
(TRCC and Emergency Services)
Gardewine
Kelsey School Division
Opaskwayak Education Authority
Pruder's Property Services
Thompson Citizen

ESSENTIAL SKILLS

Essential Skills are the skills that people need for work, learning and life. They provide the foundation for learning all other skills.



NUMERACY

Numeracy refers to the workers' use of numbers and their capability to think in quantitative terms. We use this skill when doing numerical estimating, money math, scheduling or budgeting math and analyzing measurements or data.



ORAL COMMUNICATION

Oral Communication pertains primarily to the use of speech to give and exchange thoughts and information by workers in an occupational group. We use this skill to greet people, take messages, reassure, persuade, seek information and resolve conflicts.



WORKING WITH OTHERS

Examines the extent to which employees work with others to carry out their tasks. We use this skill when we work as a member of a team or jointly with a partner, and when we engage in supervisory or leadership activities.



CONTINUOUS LEARNING

We use this skill when we learn as part of regular work or from co-workers and when we access training in the workplace or off-site. All workers must continue learning to keep or to grow with their jobs.



READING TEXT

Reading refers to the ability to understand reading material in the form of sentences or paragraphs. We use this skill to scan for information, skim overall meaning, evaluate what we read and integrate information from multiple sources: forms and labels if they contain at least one paragraph; print and non-print media (for example, text on computer screens and microfiche); and paragraph-length text in charts, tables and graphs



WRITING

The ability to write text and documents; it also includes non paper-based writing such as typing on a computer. We use this skill when we organize, record, document, provide information to persuade, request information from others and justify a request such as writing texts and writing in documents (for example, filling in forms) and/or non-paper- based writing (for example, typing on a computer)



THINKING

Thinking is the ability to engage in the process of evaluating ideas or information to reach a rational decision. Thinking differentiates between six different types of interconnected cognitive functions: problem solving, decision making, critical thinking, job task planning and organizing, significant use of memory and finding information.



DOCUMENT USE

Document Use involves a variety of information displays in which words, numbers, icons, and other visual characteristics (eg. line, colour, shape) are given meaning by their spatial arrangement. We use this skill when we read and interpret graphs, charts, lists, tables, blueprints, schematics, drawings, signs, and labels.



DIGITAL

Digital skills are those needed to understand and process information from digital sources, use digital systems, technical tools, and applications. Digital sources and/or devices include cash registers, word processing software, and computers to send emails and create and modify spreadsheets.



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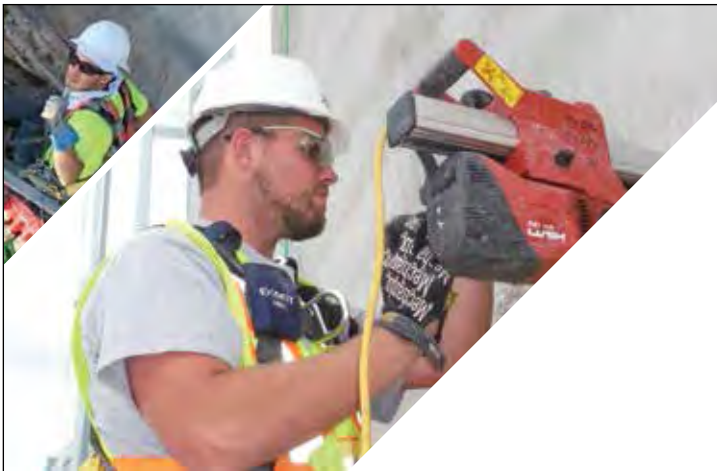
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COMMUNICATION

Communication is an ever-changing discipline that requires its employees to stay on top of the latest technology. Most people that are employed in this sector enjoy computers, are creative and are flexible enough to work alone or with a team.

2D Computer Animation Secondary

Caithlyne Lacsado	Kildonan East Collegiate
Jana Dijamco	Kildonan East Collegiate
Stephen Dueck	Miles Macdonnell Collegiate
Dana McCoy	Miles Macdonnell Collegiate
Kimberly Chau	Sisler High School
Bianca Solis	Sisler High School
August Lei Calayag	Sisler High School
Vince Bulanlagui	Sisler High School
Sam Balanial	Sisler High School
Xierra Cansino	Sisler High School
Jireh Larit	Sisler High School
Kiara Hare	Sisler High School
Stephen Dueck	Miles Macdonnell Collegiate
Francesca Musni	Sisler High School
Gian Abad	Sisler High School
Sara Knight	Sisler High School
Mikhylla Dilag	Sisler High School
Lourmay Tumaneng	Tec-Voc High School
Shaun Murillo	Tec-Voc High School
Donovan Barker	Swan Valley Regional Secondary School

3D Computer Animation Secondary

Avery McAmmond	Miles Macdonnell Collegiate
Abigail Yates	Miles Macdonnell Collegiate

3D Digital Game Art Post-Secondary

Breinard Cruz	Think Tank Training Center
Jaskaran Kalsi	Think Tank Training Center
Parklan Cross	Assiniboine Community College
Hayden Kelm	Assiniboine Community College
Joshua Hardy	Assiniboine Community College

3D Digital Game Art Secondary

Conner Lavineway	Kildonan East Collegiate
Marta Marcelino	Sisler High School
Jed Martin Orellano	Sisler High School
Brandon Barker	Swan Valley Regional Secondary School

Electronics Secondary

Leo Shafai	Manitoba Institute of Trades and Technology
Demetrius Goffard	Collège Sturgeon Heights Collegiate
Logan Fingas	Collège Sturgeon Heights Collegiate
Haylee Kimball	Collège Sturgeon Heights Collegiate

Network Systems Administration Post-Secondary

Benjamin Ochagabia	Manitoba Institute of Trades and Technology
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Network Systems Administration Secondary

Lakshay Sharma	Sisler High School
Erik Easter	Sisler High School
Ronah Isabelle Rafal	Sisler High School
Miguel Vieira	Sisler High School
Syrus Neil-Mcswain	Sisler High School
Sukhman Khaira	Sisler High School

Photography Post-Secondary

Aiyanna St. Cyr	Tec-Voc High School
Hannah Barnbrook	Tec-Voc High School
Rylan Dyck	Red River College
Casey Johnson	Red River College

Photography Secondary

Arzo Sayeed	Tec-Voc High School
Melina Chacon Gonzalez	Tec-Voc High School
Monique O'Neill	Northlands Parkway Collegiate
Aliya Toews	Northlands Parkway Collegiate
Natasha Winzinowich	Tec-Voc High School
McKenna Martens	Northlands Parkway Collegiate
Josie Smith	Crocus Plains Regional Secondary
Laura Scherfling	Crocus Plains Regional Secondary
Hannah Leckie	Crocus Plains Secondary School

Video Production Secondary

Anika Viado	Sisler High School
Ethan Langit	Sisler High School
Sean Monfero	Sisler High School
Jailyn Capiral Presto	Sisler High School
Shawna Miranda	Tec-Voc High School
Breanna Carpio	Tec-Voc High School
Kashton MacLeod	Tec-Voc High School
Breanna Thomas	Tec-Voc High School
Noah Kutzan	Vincent Massey High School
Zachary Harris	Vincent Massey High School
Yulianna Prytsyuk	Vincent Massey High School
Edson Gonzalez	Vincent Massey High School

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CONSTRUCTION

Construction is a varied occupation category as it can encompass either an office setting (developing architectural drafts) or an outdoor environment (operating heavy equipment). Construction has been identified as one of the industries that will be hardest hit by retirement. This will result in a huge shortage of employees in this sector.

Architectural Technology and Design Secondary

Andrew Simard	Crocus Plains Regional Secondary School
Fernando Mercado	Crocus Plains Regional Secondary School
Karen Beatrice Servidad	Tec-Voc High School
Alexandra Moog	Tec-Voc High School
Nico Figurasin	Tec-Voc High School

Carpentry Post-Secondary

Alex Michaleski	Red River College
Sean Ouellette	Red River College
Christine Allard	Red River College
Brandon Loudon	Red River College
Dorian nRaill	Red River College
Cody Claeys	Red River College
Aaron Loepky	Red River College
Ben Martens	Red River College

Bricklaying Post-Secondary

David Sherwood	Red River College
Jeremy Downing	Red River College
Maarten Smith	Red River College
Pavlos Athantos	Red River College
Ryan Rousseau	Red River College
Marc Penner	Red River College
Adam Carpenter	Red River College
Adan Gibic	Red River College
Hadis Alibegovic	Red River College
Keifer Joseph	Red River College

EMPLOYMENT

Employment skills are the critical skills you need in the workplace, whether you are self-employed or working for others. Employment skills include communication, problem solving, positive attitudes and behaviors, ability, working with others, and can also include science, technology and mathematic skills.

Job Search Secondary

Gurkirat Singh	Kelvin High School
Mariana Guevara Gomez	Crocus Plains Regional Secondary School
Bailey Bromley	Crocus Plains Regional Secondary School

Job Skill Demonstration Secondary

Faith Kasprick	Crocus Plains Regional Secondary School
Vivian Siemens	Northlands Parkway Collegiate
Haley Friesen	Northlands Parkway Collegiate

Public Speaking Secondary

Kendal Campbell	Crocus Plains Regional Secondary School
Romil Shah	Crocus Plains Regional Secondary School

Workplace Safety Secondary

Lily Lalonde	Collège Sturgeon Heights Collegiate
Logan McEvoy	Crocus Plains Regional Secondary School

MANUFACTURING

Employees in manufacturing know how to use and make tools, parts and equipment for a variety of things such as cars, heavy equipment, robots, or any machine, really. Computer technology is also changing the face (and pace) of the manufacturing industry

Mechanical Engineering CAD Secondary

Mason Kolesar	Crocus Plains Regional Secondary School
Marvin Warkentin	Crocus Plains Regional Secondary School
Jasper Alexander	Tec-Voc High School

Mechanical Engineering CAD Post-Secondary

Aaron Carter	Red River College
Seungyeop Kim	Red River College



UA Local 254, Piping Industry Technical College (PITC), staff and members, congratulate all participants competing in the 2021 Skills Manitoba Competition.



Kyle Kalcsics
Business Manager, LU254
Chairman, PITC

Steve Ducharme G.S.C. A.A.S.
Training Director, President
PITC

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SERVICE

The professions in the Service Industry are varied; some involve one-to-one interaction with clients (Baking & Culinary Arts) All of these professions, however, require creative, hands-on talent.

Baking Secondary

Kaylee Randall Crocus Plains Regional Secondary School
Catalina Camargo Crocus Plains Regional Secondary School
Sofy Valerio Vergara Crocus Plains Regional Secondary School
Ashton Diak Kildonan East Collegiate
Raija Rynanen Kildonan East Collegiate
Cass Tayo-Jones Kildonan East Collegiate
Michael Abellera Kildonan East Collegiate

Cooking Secondary

Madison Frendo Crocus Plains Regional Secondary School
Blake Richardson Crocus Plains Regional Secondary School
Rain Angelo Caldit Maples Collegiate

TRANSPORTATION

There will be a huge deficit of careers in the Transportation sector due to high retirement rates, in fact, 10% of new jobs created in Canada are to be in skilled trades and Transportation. Those that are interested in careers in this area should enjoy fixing things and working with large or small equipment.

Aerospace Technology Post-Secondary

Collin Ayotte Red River College
Arri Johal Red River College
Colin Desautels Red River College
Connor Smith Red River College
Seungha Kim Red River College

Heavy Duty Technologies Post-Secondary

Dylan Fruck Red River College
Ethan Wiedemann Red River College
Darren Orlick-Hogue Red River College
Mason Curtis Red River College

Automobile Technology Post-Secondary

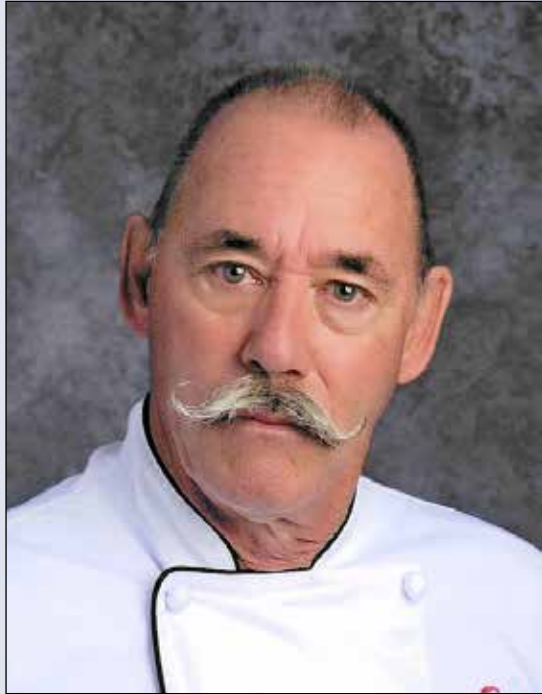
Zacharie Chaput Red River College
Noah Garbutt Assiniboine Community College
Gurman Mahal Assiniboine Community College
Erick Alexander Assiniboine Community College
Mahesh Sewpaul Red River College
Gurman Mahal Assiniboine Community College

Automobile Technology Secondary

Juan Ahumada Crocus Plains Regional Secondary School
Lachlan Spence Crocus Plains Regional Secondary School
Ethan Tiel Crocus Plains Regional Secondary School

Autobody Repair Secondary

Eduardo Cerrato Crocus Plains Regional Secondary School



ANDREW THOMAS ORMISTON

IN MEMORY

January 24, 1955 – June 27, 2020

Andy worked with dedication and passion as a culinary arts instructor at both Crocus Plains Regional Secondary School in Brandon and Lord Selkirk Regional Comprehensive Secondary School in Selkirk.

The accomplishments of his students were his great pride. Andy was a proud supporter of Skills Manitoba, Canadian Chef Educators, Canadian Culinary Federation and VTAM.



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BRIGHT
FUTURES

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WCB
Workers Compensation
Board of Manitoba



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moving forward.
Together.



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Got a story to tell about Skills Manitoba?

Why not share it!

Help us get the message out.

**Go to
www.skillsmanitoba.ca/alumnistories
to tell **YOUR** story.**



Our goal is to make sure that young Manitobans are informed about all the benefits of pursuing a career in skilled trades and technologies.



Great jobs...

Great future!

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Building Confidence Through Performance



Since the early beginnings, Penn-co Construction has been a leader in the Manitoba construction industry, equipping our team of skilled professionals with the vision, guidance and tools required to bring construction projects to life.

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Enns Brothers is proud of the skilled and dedicated apprentices and journeypersons in our 9 locations who work hard to keep Manitoba moving every day.

We offer a dynamic learning environment with experienced mentors for Ag Equipment, Powersports Technicians and Parts Specialists.



When you are ready to take your career to the next level, go to EnnsBrothers.com or call our Apprenticeship Coordinator at 204-475-3667.

GOOD LUCK TO ALL COMPETITORS

From the Manitoba J.T.A.C
Jamie McKenzie Training & Apprenticeship Manager
Steve Steele, Director of Training
National Sprinkler Industry J.T.A.C

315 Renfrew Drive, Suite 302
Markham, ON L3R 9S7
Tel: (905) 477-2270
Fax: (905) 477-3611
info@casa-firesprinkler.org



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StandardAero is proud to support the 2021 Skills Manitoba Competition



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StandardAero

SKILLS MANITOBA COMPETITION

Our cornerstone event, is a one day event that provides young Manitobans the opportunity to showcase their talents in an Olympic style, province wide contest. Students compete in over 40 different hands on contests at the secondary and post secondary level that are designed (and judged) by industry professionals and educators. Winners of the provincial competition may form Team Manitoba and compete against their peers at the Skills Canada National Competition, leading to the possibility of competing in the World Skills Competition.

Skills Canada Manitoba hosts many events throughout the year. On the following pages you'll find brief outlines of the **Winnipeg and surrounding area programs**.



We see a Future in your Future



Skills Development

Networking

Work Experience

Mental Well-Being

The future of work may be changing, but we know you have the potential, the ambition and the power to impact the world around you. That's why we created RBC® Future Launch, a program that increases your access to skill development, networking, work experience and mental well-being supports and services.

Empowering you for the jobs of tomorrow.

rbc.com/futurelaunch

RBC Future Launch

Empowering the youth of today for the jobs of tomorrow.



IN-SCHOOL PROGRAM

An in-school presentation program for grades 5 to 12 that provides young people from across the province with information about the vast career opportunities in the skilled trades and technologies.

The presentation includes...

- The job outlook in Manitoba
- Various occupational profiles
- Options for post-secondary schooling in trades & technology areas
- Information for successful career planning
- Real life success stories
- Employability skills
- Hands-on activities
- Essential skills



IN-SCHOOL Program





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SAFE AT HOME ONLINE CHALLENGES

Show us your skills challenge series. Skills Manitoba is challenging you to show us your skills! Explore the world of skilled trades and technologies through a series of online challenges using social media!



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For more information visit:
cwbweldingfoundation.org



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Northern Manitoba Sector Council

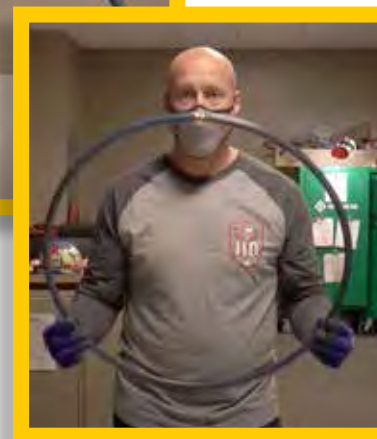
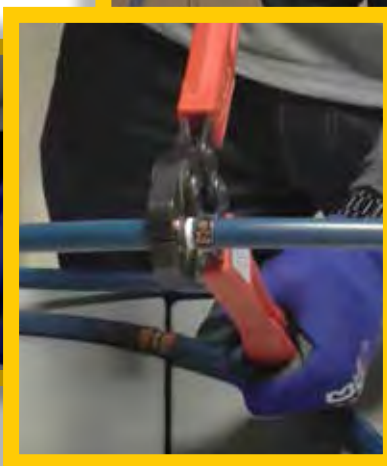
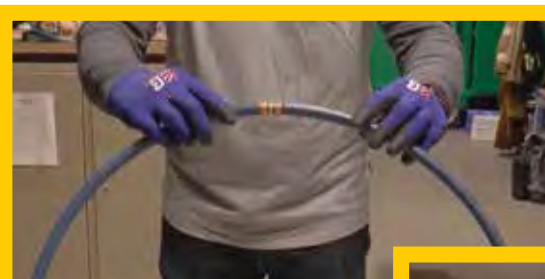
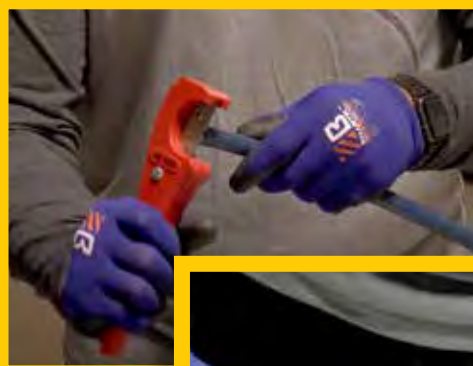
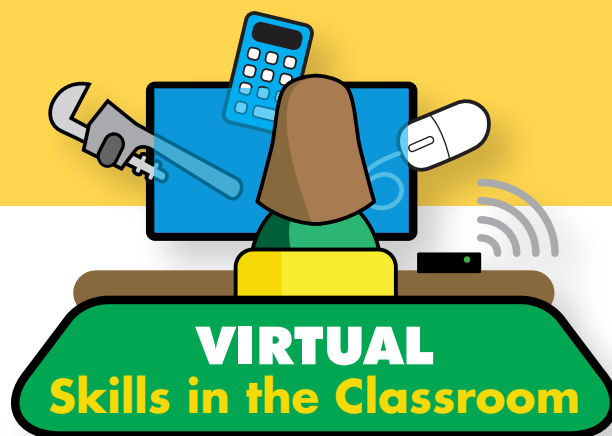
Northern People for Northern Jobs.

<http://www.nmscouncil.ca>

VIRTUAL SKILLS IN THE CLASSROOM

A 30 to 45 minute virtual program where students have the opportunity to learn about various trade and technology careers through hands on projects, videos and virtual speakers.

A hands on tutorial series of videos exploring Manufacturing / Machining, Plumbing, Carpentry and Electronics to name a few.





BUILDING RURAL MANITOBA

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MANITOBA'S TECHNOLOGY PROFESSIONALS.



SKILLED TRADES & TECHNOLOGY SHOWCASE



Each year Skills Manitoba and host schools from around the province come together for a week in February for the Skilled Trades & Technology Showcase.

Each day a host school welcomes grade 8 students from around Manitoba to try hands-on activities in different trade and technology areas, learn about their options for secondary schooling and receive guidance on career planning.

The day may also be combined with tours of Manitoba industries so students can learn first hand how skills are applied in the workplace. A brief presentation from "Safe Workers of Tomorrow" may be included in the day.

The showcase is a combination of hands-on learning, demonstrations, presentations and fun!



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Owners & Contractors: host your project on BuildWorks Canada and get your project in front of qualified contractors for the most competitive prices.

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For more information, visit: winnipegconstruction.ca/cis



PICTURE YOURSELF IN A SKILLED TRADE

The skilled trades offer rewarding, high-paying careers. Learn more about becoming an apprentice today!

Visit clac.ca/apprentice

CARDBOARD BOAT RACE

Teams of four students in Grade 10, 11 and 12, (from the same school) will design and construct a boat and participate in both a boat race and a weight challenge in a pool.

Armed with cardboard, duct tape and a few other odds and ends, students use skill and ingenuity to transform these materials into a vessel for the water. Not only does their "boat" need to be quick, but it must be capable of carrying passengers as well.

Boats are judged on design, quality of construction, team-work/organization, safety/cleanliness, visual appeal, speed and weight capacity. Each race and weight challenge is timed and recorded by a panel of judges.

The experience helps develop new skills, in addition to strengthening leadership, teamwork and problem solving ability.





You have the **skills**. We have the **opportunity**.

"After attending high school, I didn't have a game plan and I didn't think university was for me. Through the Skills competition, I learned a lot and I built a great relationship with the trades industry. I really believe the Skills competition helped me land my job at MPI."

Derek Molinski, Estimator

Past gold medal winner and participant in the national and international Skills competitions.

Put **your skills** to work at Manitoba Public Insurance, where your unique talents and career can grow. **We offer** many rewarding positions in trades and technology, including:

- auto service
- auto body repair
- graphic design
- information technology
- website development and
- workplace safety



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EXTREME SLEDDING



Recognizing that we live in a northern climate, it is time to have some fun and apply our technical skills!

Energized by a 4 person team (grades 7), students will construct a human drawn sled, consisting of cardboard, 2- 2x4's, and a pull rope. Racing through a moto-cross style course, the competition will consist of two trips around the course alternating riders with the pulling team.

This experience will help with the development of new skills, including: leadership, teamwork, problem solving and design. Students, who are up to this challenge, are guaranteed to come out and have a fun filled day.





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YOUNG WOMEN'S CONFERENCE



The Young Women's Conference is a one day event which highlights skilled trades and technology occupations.

Young participants meet female mentors working in the trades or technology fields, participate in team-building and hands-on activities, and receive information on employment opportunities and career planning. This conference is intended to provide female role models to young women and to assist them in planning their future career.

The conference also provides guidance to advisors (or parents), that accompany the young women on career planning in a "break-out" session.



- Beausejour** Sunrise School Division, Grade 8
- Dauphin** Dauphin Regional Comprehensive Secondary School, Grade 8
- Winnipeg** Manitoba Institute of Trades and Technology, Grades 9 and 10
- Flin Flon** Northern Manitoba Mining Academy, Grade 9
- Thompson** Thompson Regional Community Centre, Grade 8
- Winnipeg** Manitoba Institute of Trades and Technology, Technology Conference, Grades 9 and 10
- Winnipeg** Red River College, Grade 8
- Brandon** Assiniboine Community College, Grade 8
- The Pas** University College of the North, Grade 8
- Russell** Major Pratt School, Grade 8
- Winnipeg** Red River College, Technology Conference, Grades 6, 7 and 8

2021

Virtual Skills Manitoba



Skills Manitoba is pleased to host an exciting virtual one day conference on the V Fairs platform! This conference is for young women in Grades 6 – 12 to learn about the trade and technology careers available in today's employment market. The conference will highlight different vocations in trades and technology, introduce young women to women mentors working in the trades and technology field and provide employment and career planning information!

This event will feature an engaging and informative keynote speaker, an insightful panel discussion with tradeswomen to learn more about all day to day aspects of their current occupations. There will be an opportunity for students to ask lots of questions during the panel discussion! The conference will feature live industry tours and hands on demonstrations led by women industry professionals. There will also be 30 Exhibitor booths for students to explore through a fun Scavenger Hunt with the chance to win some awesome prizes! Students are

encouraged to spend time in the virtual space to interact with Exhibitor attendees through a question and answer area.

To register for the event
VISIT

<https://skillsmanitoba.vfairs.ca/>




SkillsCompétences
Canada
Manitoba

Skills Canada Manitoba is a not-for-profit, charitable organization that works with youth, parents, communities, industry and government to increase awareness of the rewarding careers available in skilled trades and technology.

For any questions please
contact Skills Manitoba at
204-927-0250 or go to

www.skillsmanitoba.ca

Wednesday, April 7, 2021

- | | |
|-------------------------|------------------------------------------------------------------------------------------------------------------|
| 8:30 – 10:00 am | Exhibitor booth exploration and scavenger hunt |
| 10:00 – 11:30 am | Young Women's Conference – Keynote Speaker, Panel Discussion and live industry tours and hands on demonstrations |
| 11:30 – 1:00 pm | Exhibitor booth exploration and scavenger hunt |

MODEL WIND TURBINE COMPETITION

Grade 9 and 10 students across Manitoba have an opportunity to use their knowledge, skills, leadership, teamwork and ingenuity to design and build a working model wind turbine in a one-day competition.

Teams of four students from the same school will design and construct a working model wind turbine. The students will be given specific materials to construct the wind turbine and will have approximately two hours of building time at the competition site. However, teams may not pre-construct a model wind turbine to use during the competition.

The model wind turbine will need to be solidly constructed and able to generate electrical power, which will be measured. Wind simulation will be created by a fan situated at a measured distance from the wind turbine being tested.

Model wind turbines are judged in three categories: (a) design; (b) construction; and (c) voltage-generating capacity. Each wind turbine design and construction is judged by a panel of expert judges. Turbine voltage-generating capacity is measured electronically and competitively in a progressive play down. Three trophies are awarded-one for each category.



Welcome to the

2021 Skills Manitoba Competitions

Manitoba Economic Development and Jobs - Apprenticeship Manitoba congratulates the competitors in the 2021 Skills Manitoba competitions.

Your dedication and hard work raises the profile of skilled trades as a career option and helps create the apprentices Manitoba's economy needs to grow and prosper.



Find out more.

manitoba.ca/tradecareers

YOUTH IN MANUFACTURING

Imagine if you could tour a local company and see the creation of a three dimensional design on a computer, see the transfer of the design to a computer numeric control machine and then get to see the finished product? This program will expose students to manufacturing processes from design to the building and assembling of a product and ultimately the marketing and sales process.

Students in Grades 9 and 10 will have the opportunity to tour an exciting, innovative local industry learning about their manufacturing processes which allow them to compete in the global marketplace. The students will spend the remainder of the day at Red River College touring areas key to manufacturing. They will then create a special project using the information and insight that they have gained throughout the day.

The experience will allow students to observe and try hands-on activities in the many varied areas key to manufacturing in addition to learning about their options for secondary and post-secondary programs so important for career planning.



NOTES



Skills Canada Manitoba

31 - 1313 Border Street, Winnipeg, MB R3H 0X4

Phone: (204) 927-0250 Fax: (204) 927-0258



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