

# SKILLS CANADA NATIONAL COMPETITION

## Official Program

### RBC Convention Centre



SKILLS  
COMPETENCES  
CANADA.COM  
#SCNC2023



Funded in part by the Government of  
Canada's Skilled Trades Awareness  
and Readiness Program



# CANADIAN STANDARD OF EXCELLENCE FOR SKILLED TRADES

PROGRAM  PROGRAMME  
EXCELLENCE  
**RED SEAL · SCEAU ROUGE**



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PRIME MINISTER • PREMIER MINISTRE

May 24–27, 2023



Dear Friends:

I am pleased to extend my warmest greetings to everyone taking part in the 2023 Skills Canada National Competition (SCNC), being held in Winnipeg, Manitoba.

This national event brings together over 550 students and apprentices from across Canada participating in 45 skilled trade and technology competitions. I would like to congratulate all those who have qualified for this year's SCNC and wish them the best of luck. I am certain that you will appreciate this opportunity to showcase your skill set and that you will come away from the experience with a real sense of accomplishment.

This edition of the SCNC features three new initiatives: the Skills Symposium, the Skills Showcase featuring First Nations, Inuit and Métis Skills, and Empowering Women in Trades. I would like to commend Skills Canada for putting together a rewarding program for everyone involved. Your commitment to promoting apprenticeships and skilled trades and technology careers contributes to our country's growth and prosperity.

Please accept my best wishes for an enriching experience.

Sincerely,

The Rt. Hon. Justin P. J. Trudeau, P.C., M.P.  
Prime Minister of Canada



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

As the Minister of Employment, Workforce Development and Disability Inclusion, I am pleased to welcome you to the Skills Canada National Competition 2023, in Winnipeg.

Congratulations to each and every one of you for the work you've done to get here today. I can only imagine the hours of hard work and dedication that it has taken. I believe that when others see the incredible work you're doing in the skilled trades, they'll be inspired to follow in your footsteps.

Canada's economy is growing, and with this growth comes the need for more skilled trade workers. Your skills and expertise are essential to Canada's economy and our way of life. Throughout the pandemic, skilled tradespeople have been critical to essential sectors, and they will have an even greater role to play in our economic recovery.

Between 2019 and 2028, about 700,000 skilled trade workers are expected to retire. Through this competition, you are investing your time and energy into a skill our workforce is seeking more and more in

the years to come, supporting Canada's transition to net zero. We must ensure that all Canadians—including those who face barriers, such as youth, women, newcomers, Indigenous people, persons with disabilities, and visible minorities—get the opportunity to explore and prepare for good careers.

Partnerships are a key element that helps us achieve our goal of increasing the number of young people entering and succeeding in the trades. Skills/Compétences Canada has been doing a great job promoting that. The Government of Canada also invests nearly \$1 billion annually in apprenticeship supports through grants, loans, tax credits, Employment Insurance benefits during in-school training, project funding, and support for the Red Seal program. In addition, we launched a national campaign to promote the skilled trades as a strong first-choice career path for youth and young adults.

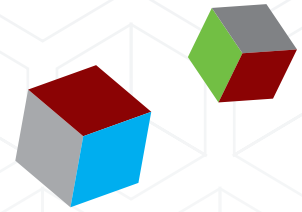
You already know how exciting and important the skilled trades are. I hope that, one day, you look back on this competition and see what an important milestone it is.

**The Honourable Carla Qualtrough, P.C., M.P.**  
Minister of Employment, Workforce Development  
and Disability Inclusion





**The Honourable  
Sarah Guillemard**



As the Minister of Advanced Education and Training, it is my pleasure to welcome all the participants to the 2023 Skills Canada National Competition, in Winnipeg, Manitoba.

The Skills Canada National Competition (SCNC) provides Canada's most talented, young tradespersons with an opportunity to showcase their skills as they have flourished in pursuing diverse career paths in the skilled trade and technology sectors. The Skills Canada National Competition gives rise to great optimism for the future of the Canadian workforce. SCNC gathers young tradespersons who all share similar passions for vastly important career paths, because these careers ensure the success of Canadian communities. Their commitment to their chosen career paths is truly inspiring.

Skilled tradespersons are in exceedingly high demand. Events such as the Skills Canada National Competition are vital to promoting and highlighting the skilled trade and technology sectors as first-choice career paths. Our department has made it a priority to ensure that industry and labour market needs are being met. Our government

has developed the skills, talent and knowledge strategy to guide the future direction of post-secondary institutions and training centres in a positive direction that supports economic growth and security.

As we continue to grow the trades in Manitoba, we are excited to introduce the skilled trades to Manitobans who have been underrepresented in the past. In 2021-2022, the department recorded the highest participation among women in the apprenticeship system, and we continue to encourage them to enter the construction, manufacturing and transportation trades to expand these industries in Manitoba.

On behalf of the Government of Manitoba, I would like to thank each participant for considering careers in trades and technologies. You are working hard today to sustain all our tomorrows. I wish each competitor the best of luck as they work their way through the tasks and challenges yet to be faced throughout the competition. It is an absolute pleasure to host this year's Skills Canada National Competition. We hope to see you again in the future.

**The Honourable Sarah Guillemard**  
Minister of Advanced Education and Training

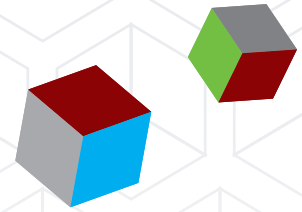
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**Dr. Patrick Rouble**  
**President**  
**Skills/Compétences Canada**



Welcome to the 2023 Skills Canada National Competition (SCNC), held in the vibrant city of Winnipeg, in historic Manitoba, at the RBC Convention Centre which is located on Treaty One Territory, the home and traditional lands of the Anishinaabe (Ojibwe), Inineu (Cree), and Dakota peoples, and in the National Homeland of the Red River Metis. I look forward to seeing everyone, experiencing the competition action and participating in all of the exciting activities at SCNC 2023!

Congratulations to the hundreds of students and apprentices from across Canada who have demonstrated their skills and earned their place to compete at SCNC in their chosen trade or technology, in 45 Skill Areas. Good luck to all the competitors as they strive to make the podium and be named national champion! This is also a qualifying year to compete at the 2024 WorldSkills Competition, in Lyon, France.

There will be many exciting activities and new initiatives taking place at this year's Skills Canada National Competition. These include:

- **NEW! Skills Symposium** where industry, government and education will have the opportunity to meet, exchange and share knowledge. This year's theme is: **Embracing Adaptability: navigating change in the skilled trades and technologies**;
- **NEW! Skills Showcase featuring First Nations, Inuit and Métis Skills**;
- **NEW! Empowering Women in Trades** where you can meet inspiring women who have pursued a career in the trades and discover the amazing opportunities that exist for women in these careers;

- **National Alumni Committee** who will brainstorm ideas on how to get alumni involved in promoting skills;
- **Skills for Success (SFS) Youth Assembly** who will be discussing this year's theme of *Adaptability* and integrating this into their onsite activities.

Thank you to everyone for making this such an impactful event. You are helping us inspire youth to discover the many rewarding careers that exist in the skilled trades and technologies and **#CreatingPossibilities** for our future workforce. The Skills Canada National Competition would not be possible without your continued support and the dedication of our hundreds of volunteers and partners. I would like to give a special thank you to Skills Canada Manitoba for all their great work as the host province of SCNC 2023.

Skills/Compétences Canada and its provincial/territorial Member Organizations reach over 125,000 youth each year through competitions and thousands more through our many activities. A skilled workforce is crucial in strengthening our country's economy. Skills Canada programs play an important role by assisting young Canadians develop the required skills needed to pursue meaningful careers.

On behalf of the Skills Canada Board of Directors, I would like to wish good luck to all the competitors. Strive for excellence and be proud of yourselves. We are proud of you! Together let's continue to build the skills movement because **#SkillsChangeLives!**

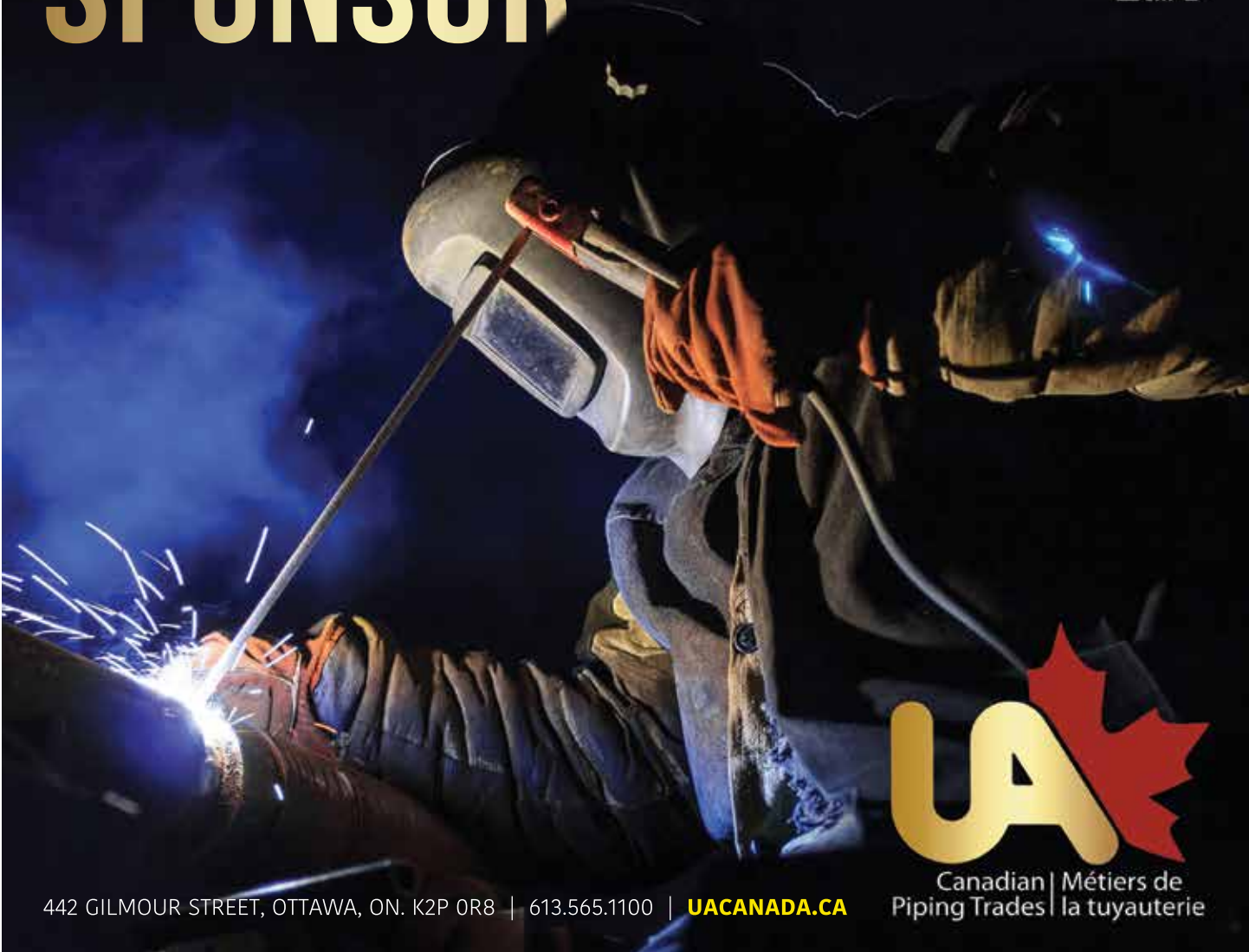
**Dr. Patrick Rouble**  
President of the National Board of Directors  
Skills/Compétences Canada

# UA CANADA IS PROUD TO RETURN AS PRESENTING SPONSOR

UA Canada  
represents over 57,000  
highly-skilled piping  
professionals including  
9 Red Seal trades

Plumbers, Pipefitters/Steamfitters,  
Welders, Sprinkler Fitters, Refrigeration  
and Air Conditioning Mechanics,  
Gasfitters (Class A & B),  
Oil Heat System Installers and  
Instrumentation & Control Technicians

Scan the QR code  
to learn more about a  
career with the UA



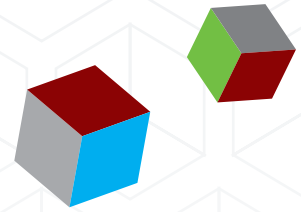
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**Mike Gordon**  
**Director of Canadian Training**  
**UA Canada**



Welcome to Winnipeg! UA Canada is delighted to once again partner with Skills/Compétences Canada (SCC) for the Skills Canada National Competition here in beautiful Manitoba. Along with UA Local 254 in Winnipeg, we look forward to taking part in this incredible event showcasing skilled, talented apprentices from across the country.

For over 130 years, the United Association (UA) has grown and evolved throughout North America maintaining a culture of excellence in the training of apprentices and journeypersons. We are the leading professionals in the piping industry, proudly representing nine Red Seal trades and a variety of specialty crafts. UA Canada represents 30 Local Unions from coast to coast, with upwards of 57,000 members nationwide consisting of Plumbers, Pipefitters, Steamfitters, Sprinkler Fitters, Oil Heat System Technicians, Instrumentation & Control Technicians, Refrigeration & Air Conditioning Mechanics, Welders, Gasfitters and more.

We are proud to continue as a Skills /Compétences Canada's Presenting Sponsor, participating in the Try-A-Trade® and Technology activities which showcase

the skills and techniques used in the piping industry. From soldering to tube bending, to simulated welding opportunities, many students will have a chance to try it for themselves.

UA Canada will also be presenting at the Skills Symposium about our support for Women in the Skilled Trades and highlighting how Maternity and Parental benefits are essential strategies for retention and recruitment. This year, we're extremely excited to continue the UA Canada Soaring Skills program alongside other sponsors like True North Youth Foundation, RBC and First Peoples Development Inc. where we will be hosting Indigenous Students from Northern Manitoba and Nunavut to come enjoy and explore this great event!

As Director of Canadian Training, and on behalf of UA Director of Canadian Affairs Terry Snooks, we would like to wish each competitor a memorable experience and continued success. We know you have been preparing for this opportunity. The last few years have proven you can adapt and persevere—the recognition of your dedication has brought you to this once in a lifetime event. All participants, no matter the outcome, should be incredibly proud. You are already winners.

**Mike Gordon**  
Director of Canadian Training  
UA Canada

Making a difference,  
**TOGETHER**

Changer les choses,  
**ENSEMBLE**



At Cenovus, we are committed to making social investments – financial and beyond – to help young people prepare for their futures.

Chez Cenovus, nous sommes déterminés à investir dans la société – tant sur le plan financier qu'autrement – pour aider les jeunes à se préparer pour l'avenir.

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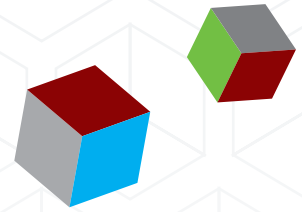
Find out more at  
Apprenez-en davantage au  
[CENOVUS.COM/SOCIALINVESTMENT](https://www.cenovus.com/socialinvestment)

**cenovus**  
ENERGY





**Susan Anderson**  
**Senior Vice-President**  
**People Services, Cenovus Energy**



On behalf of Cenovus Energy, I would like to welcome everyone to the 2023 Skills Canada National Competition, in Winnipeg. Skills/Compétences Canada (SCC) recognizes the vital role trade and technology workers play in industries in Canada and Cenovus is excited to partner with SCC as a Presenting Sponsor.

Inspiring innovation and creativity as well as promoting careers in trades and technologies will help deepen the talent pool in a variety of sectors and improve the future workforce across Canada. Events like the Skills Canada National Competition are great for bringing together skilled technical and trade workers, and enabling organizations from across Canada to connect with one another, showcase their abilities and discover prospective careers.

At Cenovus, skilled trade and technology workers are key to our success, helping operate our assets safely and reliably every day. It's critical that we continue to have access to skilled and talented people in the workforce and we're confident that our partnership with SCC will help continue to promote these careers as a rewarding option for workers. I encourage you to learn more about Cenovus and our many career possibilities through our representatives at the event and most of all, enjoy the competition and your experience.

Best of luck to everyone participating and thank you for having us as a sponsor.

**Susan Anderson**  
Senior Vice-President, People Services  
Cenovus Energy

# LEGENDS: WHAT'S THIS?

## SENSORY GUIDE

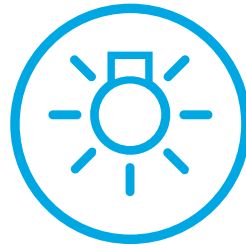
Sensory guides are provided for all our Skill Areas at the Skills Canada National Competition. These guides highlight the different sensory experiences you might expect when participating in or visiting the Skills Canada National Competition. Please refer to the legend below. For visitors that would like to take a break from these stimuli, you can go to the livestream area on Level 2, located in front of the concession area, to view the competitions and watch the interviews in a quiet space.



BUSIER SPACES



LOUD NOISES



BRIGHT LIGHTS



STRONGER SMELLS

## RED SEAL

The Red Seal, when affixed to a provincial or territorial trade certificate, indicates that a tradesperson has demonstrated the knowledge required for the national standard in that trade. The Red Seal endorsement promotes excellence to employers, instills pride in skilled workers, and facilitates labour mobility.



## CHECK OUT OUR SOCIAL MEDIA PLATFORMS!

The official hashtag of the 2023 Skills Canada National Competition (SCNC) is **#SCNC2023**, and for the Skills for Success Program is **#SkillsForSuccess**.

Skills/Compétences Canada (SCC) will be sharing information about SCNC 2023 on its social media platforms:


Like us on  **Facebook:** skillscanada

Follow us on  **Twitter:** skills\_canada

Watch videos of SCNC 2023 on  **YouTube:** SkillsCanadaOfficial

View photos of the Competition on  **Flickr:** skillscompetencescanada and

 **Instagram:** skillscompetencescanada

Find us on  **LinkedIn:** Skills/Compétences Canada

Check us out on  **TikTok:** @skillscompetencescanada

Catch the livestream of the Opening and Closing Ceremonies on **May 24 at 7:15 pm CST**, and on **May 27 at 12:00 pm CST**, on SCC's **YouTube channel**. You can also check out the livestream of the competition action, watch fascinating interviews, and much more, during the competition days on **May 25 and 26**, on this channel.





# RBC Future Launch

Congratulations to the 2023  
Skills Canada RBC Best of  
Region Award winners!

Future Launch® is investing \$500 million over 10 years to support Canadian youth in developing the skills, connections, work experience and mental well-being support for the jobs of today and tomorrow.

[rbc.com/futurelaunch](https://rbc.com/futurelaunch)



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129407 (03/2023)

## SPARKING SUCCESS CRÉER ÉTINCELLE

Join us to explore career opportunities in the future welding industry. We partner with educators, industry and government in supporting student success.

Joignez-vous à nous pour explorer les possibilités de carrière dans la future industrie du soudage. Nous travaillons en partenariat avec les éducateurs, l'industrie et le gouvernement pour soutenir la réussite des étudiants.

For more information, visit: [www.cwbweldingfoundation.org](https://www.cwbweldingfoundation.org) | Pour en savoir plus:

cwbwelding  
foundation



fondation du  
soudage cwb





**Mayor Scott Gillingham**  
The City of Winnipeg

As Mayor of Winnipeg, I am honoured that you have chosen our vibrant city for the 2023 Skills Canada National Competition and I wanted to voice my support on behalf of Tourism Winnipeg.

We are proud to be your host. Winnipeg is a growing, thriving, and modern city that we want to share with your delegates. We're a big city with a friendly, small-town feel. From our renowned arts and culture scene and rich Indigenous history to our internationally recognized innovators and world-champion athletes, our community is one of the most diverse in Canada.

Winnipeg is experiencing an incredible transformation and seeing significant growth in recent years. The Skills Canada National Competition will benefit from our world-class meeting and convention facilities and several newly built hotels. Beyond the opportunity to bring skilled trades and technologies together, Winnipeg offers warm hospitality and iconic attractions to visit, such as the inspirational displays at the Canadian Museum for Human Rights, the polar bears at Assiniboine Park Zoo, and the country's tallest indoor waterfall at The Leaf. Our city is home to a variety of top-notch restaurants, shopping experiences and sporting events for you to explore and enjoy.

On behalf of the City of Winnipeg and my city council colleagues, it is our pleasure to welcome you for a rewarding experience and a great stay in our city.

Sincerely,

**Mayor Scott Gillingham**  
The City of Winnipeg

**We're entering the future of manufacturing. Are you coming?**

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- Save time and improve quality in design and planning
- Get real-time machining insights
- Improve your processes through advanced machining analytics

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**Proud to support the next generation of skilled collision and automotive repair technicians.**

[mpi.mb.ca](http://mpi.mb.ca)



The Gene Haas Foundation, Sirco Machinery and Thomas Skinner are thrilled to be part of the 2023 Skills Canada National Competition in Winnipeg, MB.

You, the competitors, have made it through provincial and territorial skills competitions to compete with the best in Canada in your chosen trade or technology.

Gene Haas is the owner of Haas Automation – the largest machine tool builder in the Western World – as well as Haas F1 Racing and a partner in Stewart Haas NASCAR. Gene has found the skilled trades a very exciting, prosperous career. Gene started in manufacturing, sweeping floors in a machine shop in high school, then learning to work on a CNC machine and design products that only an individual who knew the industry would be able to design. Now, as a successful business owner, he puts millions of dollars every year into his own foundation, the Gene Haas Foundation, to help educate the next generation of manufacturing professionals.

Sirco Machinery and Thomas Skinner, Haas Factory Outlets for Eastern Canada and Western Canada, respectively, serve manufacturers in Canada that require Machinists, Mechatronics, Robotics and Industrial Mechanics/Millwrights. Manufacturing is a little-known profession in Canada. The Skills Canada National Competitions provide the largest window we have into the skilled jobs that are available in our industry.

You, the competitors, are our future! Let the competition begin. We look forward to seeing you on the podium.

**Kathy Looman**  
Gene Haas Foundation

**Paul Krainer**  
Thomas Skinner & Son Limited

**Dan Ferko**  
Sirco Machinery Company, Ltd.



**EMPOWERING  
THE FUTURE.**



**HAAS FACTORY OUTLET**  
A Division of Thomas Skinner

Proud sponsors of the 2023 Skills Canada National Competition, Winnipeg, MB.



# FORCES | JOBS EMPLOIS



APPLY NOW AT [FORCES.CA](https://forces.ca) POSTULEZ MAINTENANT À [FORCES.CA](https://forces.ca)

The Canadian Armed Forces is pleased to attend and participate in the 2023 Skills Canada National Competition (SCNC), in Winnipeg, as a Premier Sponsor again this year. We look forward to watching the many skilled trade and technology competitions that are happening onsite for secondary and post-secondary students. This event is also a great opportunity to meet the student visitors, our future skilled workforce, and show them the variety of career options that are available to them.

The Canadian Armed Forces (CAF) are consistently ranked among the top 25 employers in Canada. We have a variety of skilled in-demand trades available in the Navy, Army, or Air Force. We offer a competitive salary and amazing benefits. We also offer 100% paid education programs for college and university for those who qualify. Train for your true calling and work in a fast-paced environment with the CAF!

We would like to wish good luck to all the competitors and look forward to seeing everyone at SCNC for another great event!

Sincerely,

**Captain Jesse Orozco**  
Canadian Armed Forces



## A CAREER IN SKILLED TRADES IS POSSIBLE WITH THE CANADIAN ARMED FORCES

In fact, there are numerous in-demand skilled trades available to choose from!

If you are thinking of going to college or university, the CAF can help get you there with one of our paid education programs. If you qualify, the CAF will pay 100% of your school fees, including your tuition, books, and academic equipment!

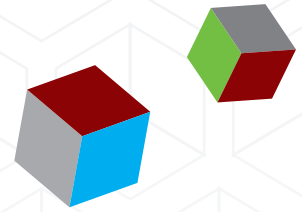
Meanwhile, you will earn a competitive annual salary and have access to an excellent benefits package including health, dental, vision care, and much more!

Scan the QR code to learn more.

**THIS IS FOR YOU**

**APPLY NOW AT [FORCES.CA](https://forces.ca)**





Welcome to Winnipeg! We are proud to be part of the Skills Canada National Competition as a Premier Sponsor and welcome you to Winnipeg, where it all started for Princess Auto.

We have had a long-standing connection with trades for 90 years. We serve the tradespeople, farmers, inventors, and industrial workers that keep our country going.

Our 3,600 team members in 54 stores, across Canada, are inspired by the work of trades and proud to help them get what they need to get the job done.

One of our main avenues for giving back to our communities is through the Princess Auto Foundation, that was established in 2007. Through this foundation, we support partner colleges across the country to financially assist new trade and technology students, enrolled in Canadian colleges, wanting to learn the necessary skills to work in the industry. Today, we have 19 partner colleges from coast to coast. We are excited to provide opportunities to people who choose to pursue careers in the trades.

We are looking forward to connecting with you during the competition. Come and visit us at the Try-A-Trade® and Technology booth where you can try our virtual reality welder, test your skill as part of a pit crew using air tools, or try your hand at abrasive blasting. You can also just stop by and say hello – we'd love to meet you.

Good luck to all the competitors, we hope that you have an amazing experience at the 2023 Skills Canada National Competition, in Winnipeg!

**Ken Larson**  
CEO, Princess Auto

## PRINCESS AUTO

is proud to join forces with  
**Skills Canada National Competition.**  
Together, we are supporting  
the next generation of skilled  
Canadians in Trades and Technology.



YOU ARE AN

# Investment in the Future

*The new economy needs someone who can  
create, build, and find solutions.*

Someone who has the desire  
to learn a skilled trade and  
build a career while helping  
build Manitoba.

The Apprenticeship program  
provides a proven and industry  
driven training path to certification  
in over 55 trades. Earn money  
while you learn a skilled trade  
and launch a lifelong career that  
is in high-demand, rewarding,  
and essential to communities  
across the province.

Find out today how being an apprentice can  
help **you** invest in **your** future.

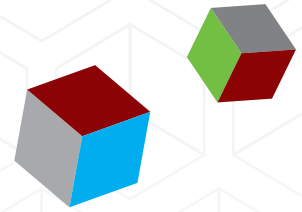
**[Manitoba.ca/Apprenticeship](https://Manitoba.ca/Apprenticeship)**



**Apprenticeship**  
Manitoba

**Manitoba** 

# ONSITE CELEBRITY TESTIMONIALS



*I'm so excited to announce that I will be attending this year's Skills Canada National Competition (SCNC)! I've been involved with Skills/Compétences Canada events for several years and SCNC has become something I look forward to every year.*

*Whether you are a seasoned competitor or a first-time participant, remember that the most important aspect of the competition is the process itself. The skills and knowledge you gain, the friendships you make, and the experience you obtain will be invaluable.*

*So, go out there, challenge yourself, and have fun! I look forward to seeing your smiling faces. Best of luck to all of you!*

**KATE CAMPBELL**  
TV PERSONALITY AND FOUNDER OF KATE'S CONTRACTING INC.



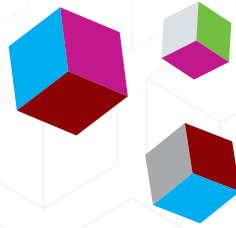
*As a skilled trades professional and advocate, nothing warms my heart more than to see the hard work, passion and dedication of our future workforce showcasing their talents on a national platform.*

*I have been honoured to represent both Skills/Compétences Canada as a speaker for the official launch of National Skilled Trade and Technology Week 2022 and at the Skills Canada Manitoba Apprenticeship Awards dinner, and I have been involved with Skills Canada Ontario for over 15 years in various roles. I believe in the mission and values of Skills Canada.*

*I will be at the 2023 Skills Canada National Competition, in Winnipeg, participating, celebrating and cheering on competitors from across Canada! I can't wait to see who wins the gold, silver and bronze medals!*

**JAMIE MCMILLAN**  
MADE IN THE TRADES & FOUNDER OF KICKASS CAREERS





# SCMC 2023 SCHEDULE

## WEDNESDAY, MAY 24

**4:30 PM – 5:45 PM**

**COMPETITOR ORIENTATION\***  
(Respective Skill Areas)  
RBC CONVENTION CENTRE

**6:00 PM – 7:00 PM**

**WELCOME RECEPTION\***  
Sponsored by DEWALT

**7:15 PM – 8:45 PM**

**OPENING CEREMONY**  
Tickets available for purchase  
YORK BALLROOM

## THURSDAY, MAY 25

**COMPETITION DAY 1**

**8:30 AM – 5:00 PM**

**Free Event** – Open to the public  
and registered school visitors  
(ALL FLOORS)

Try-A-Trade® and Technology Activities

**4:45 PM – 6:30 PM**

**NETWORKING RECEPTION\***  
Sponsored by UA Canada  
York Ballroom

## FRIDAY, MAY 26

**COMPETITION DAY 2**

**8:30 AM – 5:00 PM**

**Free Event** – Open to the public  
and registered school visitors  
(ALL FLOORS)

Try-A-Trade® and Technology Activities

## SATURDAY, MAY 27

**12:00 PM – 2:30 PM**

**CLOSING CEREMONY**  
Tickets available for purchase  
YORK BALLROOM

\*Private Event

### Skills Showcase: Featuring First Nations, Inuit and Métis Skills

Learn the skills from local First Nations, Inuit and Métis artists and explore how they apply to careers in the skilled trades and technologies.

### Empowering Women in Trades

Meet inspiring women who have pursued a career in the trades and discover the amazing opportunities that exist for women in these careers.





## EXHIBITORS / TRY-A-TRADE® AND TECHNOLOGY ACTIVITIES

### 310, 317 UA CANADA

Visit the UA Try-A-Trade® and Technology booth where students can interact with piping professionals and experience hands on trade related activities which will include tube bending, simulated welding opportunities, and pipe joining methods such as soldering copper.

### 305 APPRENTICESHIP MANITOBA

Visit Apprenticeship Manitoba's booth to test your knowledge on apprenticeship and the trades with our game wheel and win a prize! Learn more about the apprenticeship system and connect with an Apprenticeship Training Coordinator who can answer all of your questions.

### 336, 337 CANADIAN ARMED FORCES

Be sure to visit us at the Canadian Armed Forces booth and check out the robot that the Air Force uses for bomb disposal. We will also have a drone and other small surprises in store.

### 315 DEWALT

Visit our booth and try the DEWALT ping pong ball bucket challenge.

### 311 PRINCESS AUTO

1. **Virtual Welder** – The purpose of the VR welder is to give students an intro to welding in a safe and controlled environment.
2. **Abrasive Blasting** – Using an abrasive blasting cabinet will allow students to learn how abrasive media under pressure works in a controlled space.
3. **Impact Gun Race** – Students can interact with air tools to remove lug nuts and tires and learn how air tools, compressors and safety equipment are used.

### 325 RBC

Head to the RBC Future Launch Zone for mock job interviews with seasoned professionals and receive valuable feedback so you can make a great first impression with your next employer.

### 121 CBRE

From maintenance technicians to building engineers, our trade teams manage all aspects of commercial real estate facilities. Visit [www.cbre.ca/careers/technical-trades-careers](http://www.cbre.ca/careers/technical-trades-careers).

### 203 RED SEAL PROGRAM

The Red Seal Program is the Canadian standard of excellence for skilled trades. The Red Seal endorsement promotes excellence to employers, instills pride in skilled workers, and facilitates labour mobility.

## **104 CANADIAN COAST GUARD COLLEGE**

The Canadian Coast Guard College is a national, bilingual, degree conferring training institution located in Sydney, NS. We are a unique marine college with the purpose of saving lives, protecting the environment, and contributing to Canada's economic growth.

## **109 CAREERS IN ENERGY**

Careers in Energy develops leading-edge research, tools and resources to increase awareness of career opportunities in the energy industry, and to support attraction and retention of a skilled workforce.

## **135 WINNIPEG SCHOOL DIVISION**

The Winnipeg School Division was established in 1871 and is the largest school division in Manitoba with 79 schools, almost 30,000 students and over 4,000 full time employees. Its purpose is to provide a learning environment that fosters the growth of each student's potential and provides equitable opportunity to develop the knowledge, skills and values necessary for meaningful participation in a global and diverse society.

## **101 VALE**

Visit Vale's booth to try the nut & bolt challenge where you can assemble different size bolts on a stand and use the Ohm's Law electrical trainer which allows you to build electrical circuits safely.

## **207 BOARD OF CANADIAN REGISTERED SAFETY PROFESSIONALS (BCRSP)**

BCRSP is a public interest, not-for-profit association whose certificants are dedicated to the principles of health and safety as a profession in Canada.

## **216 EC-COUNCIL**

EC-Council is a global Cybersecurity certification body and the inventors of the respected Certified Ethical Hacker (CEH) certification and over 20 other tactical Cybersecurity certifications.

## **206 FAMIC TECHNOLOGIES**

Famic Technologies has lead the industry since 1986 by designing world-class trade-oriented tools for teaching and training in the fields of fluid power, electrical, control and automation.

## **CLAC**

CLAC is an all-Canadian, multisector union representing over 60,000 workers. We help build better workplaces, better communities, and better lives.

## **118 CONSTRUCTION MAINTENANCE AND ALLIED WORKERS (CMAW)**

CMAW is a national not-for-profit organization that promotes and supports meaningful and equitable employment of persons with disabilities. FIRST is its program to break down barriers for people with disabilities and other equity-deserving identities, such as women and Indigenous youth, to train, test, and secure employment in the Red Seal trades.

## **114, 115 SIGN ASSOCIATION OF CANADA**

Sign Association of Canada is a national association representing manufacturers, users and suppliers of on-premise signs and other visual communications systems.

## **343 COLOR COMPASS**

Color Compass has been built on a foundation of trust and respect, and we continue to grow by investing in our team, customers, and communities. By fostering these relationships, we are the leader in Canada for all autobody collision repair and refinish materials.

## **307 STANDARDAERO**

StandardAero is one of the world's largest independent providers of aviation services including engine and airframe MRO, with 50+ locations including Calgary, AB, Summerside, PE, Winnipeg, MB, and Vancouver, BC.

## **309 RV CAREERS**

As no RV trip is complete without a BBQ, we invite you to construct a pocket-sized BBQ using a wide range of tools and skill sets. It will give you a glimpse into the life of an RV service technician and the numerous exciting opportunities that exist in the RV sector!

## **106 CANADIAN DISTRICT – UNITED BROTHERHOOD OF CARPENTERS AND JOINERS OF AMERICA**

The UBC Canadian District Apprenticeship Service Program provides small and medium sized employers with financial incentives to hire first-year apprentices to get the hands-on work experience they need for a career in the skilled trades.





### **136 LET'S TALK SCIENCE**

Let's Talk Science, a national charitable organization, is committed to preparing youth in Canada for future careers and citizenship demands in a rapidly changing world.

### **321 PCL CONSTRUCTION**

PCL is a 100% employee-owned family of construction companies in Canada, the United States and Australia. As owners, we are committed to shaping the future of construction. Together we build success.

### **308 VOLVO CONSTRUCTION EQUIPMENT**

See who can be the most productive driver with the shortest cycle time by virtually operating a 40-ton haul truck inside a fast-paced quarry and navigating narrow roads and steep inclines hauling rock from the pit to the crusher while keeping safety top of mind.

### **329 COPELAND**

As a global leader in the manufacture of energy efficient, reliable compressors, Copeland delivers innovative technologies, sustainable energy solutions, and training & education programs to support the industry's toughest challenges.

### **335 MANITOBA PUBLIC INSURANCE/MANITOBA MOTOR DEALERS ASSOCIATION/ AUTOMOTIVE TRADES ASSOCIATION OF MANITOBA**

Come visit the Motor Vehicle Body Repair booth and immerse yourself in a SVR spray simulation where you can experience what it's really like to paint a car. Come and see the future of EV collision repair and learn what it takes to repair a damaged Mach E Mustang.

### **108 MANITOBA TRUCKING ASSOCIATION**

The trucking industry plays a vital role in Manitoba's economy. The Manitoba Trucking Association exists to advocate, support and educate to ensure a safe and healthy business environment for the trucking industry.

### **105 ABC LIFE LITERACY**

ABC Life Literacy Canada champions literacy by empowering adult learners, raising awareness, and supporting the adult learning sector. We envision a Canada where everyone has the skills and opportunities to fully participate in learning, life, and work.

### **332 COMAIRCO**

For 50 years Comairco Equipment has been providing compressed air equipment and services. As a Sullair distributor, Comairco supports its customers with locations in Canada and the United States, including a team of over 85 factory certified service technicians.

### **102 SOUTHWIRE**

As one of the leading manufacturers of wire and cable used in the transmission and distribution of electricity, Southwire delivers power to millions of people around the world.

### **326 IN-HOUSE SOLUTIONS**

We provide expert machining solutions to the manufacturing industry in the form of software, technical and professional services, and educational materials. We position ourselves at the forefront of manufacturing innovations in the CNC machining industry.

### **323 I-XL**

We are Canada's largest distributor of high-quality architectural masonry products in brick, stone, and cladding. We commit to providing outstanding product knowledge and service excellence.

### **316 AMERICAN STANDARD**

At American Standard it all begins with our unmatched legacy of quality and innovation that has lasted for more than 150 years. We provide the style and performance that fit perfectly into the life, whatever that may be.

### **120 UNIVERSITY COLLEGE OF THE NORTH (UCN)**

University College of the North is Northern Manitoba's premier place of learning. With over 55 trades, UCN offers a direct route to secure and fulfilling careers.

### **210 COMPUTERS FOR SUCCESS CANADA (CFSC) / COMPUTERS FOR SCHOOLS MANITOBA (C4SMB)**

CFSC and its Manitoban affiliate, C4SMB, deliver environmental, social and economic benefits with partners while supporting education, skills development, and environmental responsibility through affordable technology.

## **213, 214 BUNZL SAFETY**

Bunzl Safety provides the right personal protective equipment solution for every job. We strive for innovation and source the world to provide you with the best. That's our promise.

## **342 DERMALOGICA**

We create highly customized regimens and services for every individual. Whatever your lifestyle, background or environment, rest assured that Dermalogica will work for you. Watch our training specialists demonstrate a variety of skin treatments!

## **208 FLUKE**

Fluke Electronics is the world leader in electronic test tools providing testing and troubleshooting capabilities for professionals in a variety of market segments.

## **337 THOMAS SKINNER**

Thomas Skinner is a specialty supplier of cutting tools, precision measuring instruments and machine tools in Western Canada and a proud supporter of Skills/Compétences Canada. For our Try-A-Trade® and Technology activity, Thomas Skinner will be showcasing the Haas Desktop Mill with a medallion demo. Students can select from a list of graphics which will be engraved on to a medallion for their keychain.

## **137 MANITOBA HYDRO**

We will have six activities related to our trade and technology careers including testing a mechanical relay; stripping and terminating wires to create a LAN cable; using a hot stick to attach a ground chain onto a mock powerline; crimping together two pieces of cable; threading a metal pipe and watching a gas explosion performed by MH employees.

## **306 TOROMONT CAT**

Toromont Cat is the Caterpillar Dealer in East Canada. We supply and service new and used equipment, and our people deliver exceptional product support.

## **NEIL SQUIRE SOCIETY**

Join Makers Making Change to solder and assemble a small device. You will learn how affordable open-source DIY Assistive Technology devices impact the daily lives of people with disabilities. Experience how assistive switches and 3D printing for social good can be used in adaptive gaming.

## **314 LINCOLN ELECTRIC**

Lincoln Electric is the world leader in welding and cutting solutions and is committed to supporting education and the future generation of welders.

## **303 MERIT**

Merit Contractors Association of Manitoba supports and represents the unique and diverse interests of open shop contractors. Merit members are committed to achieving the highest standards of safety, quality, efficiency and economy.

## **328 ABB**

ABB is a leading global technology company that pushes the boundaries of technology in electrification, robotics, automation and motion to drive performance to new levels.

## **312 MANITOBA BUILDING TRADES**

Get a first-hand look at the machinery and operating techniques used by trades professionals. Thrill seekers will have the chance to don PPE and accompany one of MBT's safety instructors as they clip onto a stationary scissor lift and rise up to 20ft high! In collaboration with Skill Plan, students can navigate our online learning portal – the Try The Trades Construction Hub – to test their math skills and explore careers for creators.

## **327 WINNIPEG CONSTRUCTION ASSOCIATION**

The Construction Safety Association of Manitoba (CSAM) Try-a-Trade® and Technology activity will allow students to fire a construction framing nail gun less than 12 inches away from a mannequin head. The demo will show how approved safety glasses protect at a close range and allow students to feel the recoil of the nail gun along with the force that shoots the nails.

## **218 SCHNEIDER ELECTRIC**

Schneider's purpose is to empower all to make the most of our energy and resources. We offer solutions that bridge progress and sustainability. We call this Life Is On!

## **331 CWB WELDING FOUNDATION**

We are a national charity increasing awareness and accessibility to individuals exploring welding and related careers regardless of their social or financial status, geographical location, culture and more.







### **313 WESTROCK**

WestRock is a global leader in sustainable paper and packaging solutions, with more than 50,000 teammates in the Americas, Europe and Asia-Pacific, including 17 locations across Canada. We offer rewarding career opportunities with competitive wages and benefits, a safety-focused culture, and ongoing development and training to further your career. Stop by our booth to meet our Human Resources team and learn more about careers at WestRock!

### **219 CARSTAR®**

CARSTAR®, North America's largest franchise network of independently owned collision repair facilities, will feature a virtual paint booth in collaboration with our paint vendor at the Try-A-Trade® and Technology activity. Auto collision students will learn the basic skills to become great automotive painters. With a realistic experience in a virtual reality environment, students will learn the movement techniques necessary to create the perfect paint.

### **209, 125 AMAZON WEB SERVICES**

Try out interactive, hands-on demos that show the power and fun of cloud computing at this Try-A-Trade® and Technology activity. Amazon Web Services (AWS) is the world's most comprehensive and broadly adopted cloud platform. Millions of customers are using AWS to lower costs, become more agile, and innovate faster.

### **322 APPRENTICESearch.COM**

ApprenticeSearch.com is a free online job search and matching platform with an exclusive focus on apprenticeship and skilled trade positions in Canada.

### **341 MC COLLEGE**

MC College operates six campuses in four provinces. Our Hairstyling and Esthetics graduates are in demand by salons and spas across Western Canada. Our Fashion Design program offers students the opportunity to see their clothing designs come to life. MC College offers a safe and inclusive learning environment for any student looking to explore their creativity while training for a rewarding career.

### **320 VOLKSWAGEN GROUP / AUDI**

Electrical and mechanical systems in modern vehicles have become increasingly complex. Experience the capability of modern testing equipment to help diagnose and repair vehicles in today's high-tech automotive landscape.

### **339 CUMMINS**

Cummins Inc. is a global technology company designing, manufacturing, distributing and servicing a broad portfolio of reliable power solutions including diesel, natural gas, hybrid, electric and other alternate solutions.

### **127 ADIA EDUCATIONAL RESOURCES**

The future of mobility systems is electric! How do we get there? ADIA provides Hybrid/EV and High Voltage Battery teaching systems that impart important concepts to technicians prior to working with real vehicles.

### **330 MESSER**

Messer is the largest privately held industrial gas business in the world, and a leading industrial and medical gas company in North and South America. Messer offers over 120 years of expertise in industrial, medical, specialty, and electronic gases and safely delivers quality gases, related services, and technology via an extensive production and distribution network. Messer Americas is part of Messer Group, representing a USD 3.5 billion enterprise with presence in the Americas, Europe, and Asia.

### **324 CANADIAN WOODWORKER**

Canadian Woodworker has been fulfilling the needs of educational woodworking for 56 years. We have a vast lineup of CWI Woodworking machinery, specifically built for high performance and safety compliance for technical programs in Canadian educational facilities.

### **215 ST. JOHN AMBULANCE**

St. John Ambulance is the world's oldest humanitarian organization. We are proud that proceeds from training and product sales go right back into our community providing emergency first responder and therapy dog services.

### **126 ROBINSON SUPPLY**

ROBINSON SUPPLY is a fully diversified distributor of plumbing, heating, HVAC, waterworks, lighting and electrical products to the construction industry and retail home improvement market in Western Canada, operating from 32 distribution warehouses and showrooms in British Columbia, Alberta, Saskatchewan, Manitoba, and Ontario.

## 128 NFI GROUP

NFI is a leading independent global provider of sustainable bus and coach solutions under brands: New Flyer, Alexander Dennis Limited, Plaxton, MCI, ARBOC, and NFI Parts™. We are leading the evolution to zero-emission mobility.

## 211 ASSINIBOINE COMMUNITY COLLEGE

Try-A-Trade® and Technology with Assiniboine Community College! Stop by our booth and explore plumbing by making your own pex pipe hula-hoop, discover content creation with cameras, microphones and lights, try your hand at design with digital drawing and step into a new world of virtual reality.

## 302 SNAP-ON GROUP

In 2023, Car-O-Liner is celebrating 50 years as the leading global provider of high-quality, technologically advanced collision repair equipment solutions and is one of the many brands that Snap-on offers shop owners and managers to improve daily operations. Snap-on Incorporated is a leading global innovator, manufacturer and marketer of tools, equipment, diagnostics, repair information and systems solutions for professional users performing critical tasks.

## 122 MECHANICAL CONTRACTORS ASSOCIATION OF CANADA (MCAC)/ MECHANICAL CONTRACTORS ASSOCIATION OF MANITOBA (MCAM)

MCAM is a trade association representing the mechanical contracting industry across Manitoba. Members include constructors, service providers and suppliers of mechanical systems for residential vertical infrastructure, including specialized process piping and equipment, plumbing, heating, ventilation, air conditioning, fire suppression, automated controls, refrigeration, insulations and independent testing and balancing. MCAM is a member of MCAC, the national voice of the industry.

## 319 HARVEST TODAY

Harvest Today provides a simple way for people to grow leafy greens indoors with the most effective and space consuming technology on the market using the Harvest Wall.

## 132 MANITOBA SCHOOL BOARDS ASSOCIATION

As employer of over 36,000 staff who deliver the good of public education to over 190,000 students every school day, Manitoba's school boards play an important part in human resources and skills development in our province. Learn about potential career opportunities and how you can share your skills with the next generation of Manitoba's students.

## 333 BIRD CONSTRUCTION

Bird is a well-respected builder in the Canadian construction industry focused on growth, diversification, and profitability. Publicly traded for over 70 years, we focus on executing challenging projects that take advantage of the technical strength of the company and our talented employees in order to generate superior and sustainable financial performance.

## 340 CANADA'S BUILDING TRADES UNIONS (CBTU) – IN THE TRADES

In The Trades is a federally funded program administered by Canada's Building Trades Unions (CBTU) that provides financial incentives and training support to unionized small and medium-sized contractors. Unionized contractors can hire up to two first-year, Red Seal apprentices and receive between \$10,000 - \$20,000. In addition to the financial incentive, employers have access to customized training programs through SkillPlan, which are designed to support contractors and apprentices.

## 131 WISE KID-NETIC ENERGY

WISE Kid-Netic Energy is a not-for-profit Science Technology Engineering Math (STEM) outreach program in Manitoba. We will offer hands-on technology-based activities at our booth. Visit us!

## 338 VIEGA

Students will learn about press technology, a flameless pipe joining method used in plumbing and HVAC systems. Students will use power tools to join press fittings and pieces of copper or black iron pipe together to create custom displays.

## 134 CAREER TREK

In collaboration with schools, communities and post-secondary partners, Career Trek provides experiential career education programming to children and youth from equity-deserving groups living in Manitoba.





## **110 CANADIAN MANUFACTURERS AND EXPORTERS**

From the first industrial boom in Canada, Canadian Manufacturers & Exporters (CME) has been advocating for and representing member interests. They are 150 years strong, and have earned an extensive and effective track record of working for and with 2,500 leading manufacturers from coast to coast to help their businesses grow.

## **117 NORTHERN COLLEGE**

Northern College is located in Northeastern Ontario, with four campuses, over 75 post-secondary programs with certificate, diploma, degree and apprenticeship opportunities.

## **SKILL AREA TRY-A-TRADE® AND TECHNOLOGY ACTIVITIES**

### **38 REFRIGERATION AND AC**

Have you ever wanted to bend a piece of copper pipe? Those interested can try out their tube bending skills in the Refrigeration and Air Conditioning booth by making or bending a picture frame. We will even take a photo to commemorate the event that will fit into the frame.

### **23 MOBILE ROBOTICS**

Jobs in robotics require quite a wide range of skills and Mobile Robotics spans several different areas including healthcare. Drive a mobile robot to deliver medicine cubes to hospital rooms.

### **18 ELECTRICAL INSTALLATIONS**

Put your skills to the test and compete against your friends at Skill 18's PLC 4-square Challenge! Score points by tossing bean bags through rotating lit up squares and remember accuracy counts! All rotating colours have different point values. Will you get the high score?

### **53 OUTDOOR POWER**

Passion and intrigue are what drives Outdoor Power and Recreation Equipment Technicians. A side-by-side off road vehicle will be on display for exploration and photo opportunities.

### **15 PLUMBING**

Plumbers work with a variety of different piping materials. Try your hand at bending a pipe and connecting it with a fitting using the tools of the trade to create a unique take home project.

### **32 BAKING**

Decorate a cupcake then eat it!

### **20 BRICKLAYING**

Another Brick In The Wall or Brick Dreams: participate in this fun Try-A-Trade® and Technology activity.

### **37 LANDSCAPE GARDENING**

Paver Puzzle: a head-to-head challenge for two people that mimics a patio brick installation. The object is to complete the paver installation in the fastest time. Competitors will need to assemble bricks of different sizes and colors within an easel frame.

### **14 AEROSPACE TECHNOLOGY**

Do you want to be a Pilot or an Aircraft Maintenance Engineer? Come and try out our Landing gear and Wing flap simulator to see how these important components of an aircraft operate. See them in action as you navigate the controls.

### **4 MECHATRONICS**

Be sure to visit the Mechatronics Try-A-Trade® and Technology booth and check out 'The Claw'.

### **43 SHEET METAL**

Try the sheet metal trade! Fold a small piece of copper sheet metal and rivet it to a keychain tag.

### **34 COOKING**

Students can try their hand at making a delicious green smoothie using fresh kale, spinach, and mint harvested from our wall. Learn how to combine ingredients, use kitchen equipment, and explore the world of food preparation. This activity will showcase the creativity, precision, and teamwork required in the culinary arts.

SKILLS SHOWCASE • SALON DES COMPÉTENCES



## WINNING LOGO FOR SKILLS SHOWCASE

Skills/Compétences Canada (SCC) teamed up with First Peoples Development Inc. (FPDI) to put on a logo contest for the New! Skills Showcase. The contest was open to Manitoba residents who were asked to submit an emblem that captures the essence of First Nation, Inuit and Métis communities. The winning logo is the official logo of the Skills Showcase at SCNC 2023, in Winnipeg. Congratulations to the winner: **Kaitlyn Dudar**, 15-year-old student from Collège Sturgeon Heights Collegiate, in Manitoba, in grade 10.



In her logo design, the Raven captures the essence of First Nations and represents creativity as well as tells the story of how the raven stole the moon and is a carrier of secrets. The bead work represents the Métis and the interconnectedness among its part. Lastly, the spear heads on the raven's head and wing are to represent the technologies that the Inuit people made for surviving in the north as well as the technology that is used in today's trades.



# SKILLS SHOWCASE: FEATURING FIRST NATIONS, INUIT, AND MÉTIS SKILLS

Skills/Compétences Canada has partnered with First Nations, Inuit, and Métis organizations from Manitoba to host a Skills Showcase at the 2023 Skills Canada National Competition, in Winnipeg, that will feature First Nations, Inuit and Métis Skills. This showcase will allow thousands of visitors to explore these skills by taking part in interactive activities. The showcase will focus on the intergenerational transfer of many traditional skills such as beading, soapstone carving and textile design from Elders, local First Nations, Inuit, and Métis artists and experts to youth. It will demonstrate the links between these skills and potential careers in the skilled trades and technologies. For example, carving skills can foster interest in skilled careers such as carpentry, bricklaying, or cabinetmaking and Indigenous art can spark interest in fashion technology, graphic design and many others.

Here are the Skills Showcase artists and activities:

1. **Brooklyn Rudolph**, a Swampy Cree mixed media artist, a member of the Pimicikamak Cree Nation, and an advocate for Indigenous rights will be presenting a Tipi activity. Visitors will learn about tipis and how to create and decorate a custom miniature tipi.
2. **Claire Johnston**, a Michif beadwork artist based in Treaty 1 Territory, in Winnipeg, is an artist and a proud member of the MMF Two Spirit Michif Local and Métis collective Red River Echoes. She will be showcasing her beadwork practice and sharing her family's tradition of creating with their hands.
3. **Gayle Gruben**, an Inuvialuk from the Inuvialuit Settlement Region of the Western Arctic has been creating traditional garments using furs and hides for over 30 years. She will be showing visitors how to make an Inuit yo-yo, which is a popular tourist art made in a variety of shapes, ranging from seals and dolls to mukluks and simple balls.
4. **Sean Raylond-Bubar**, the Founder of Red Rebel Armour, an Indigenous-led social enterprise using its streetwear brand to fund its employment service which provides on-the-job paid training for people returning back to the community from the criminal justice system. He will be doing live heat pressing onto tees, hoodies, and joggers using an eco-friendly transfer called Supacolor while sharing his story.
5. **Frederick Lyle Spence**, an Ojibwe soapstone carver from Peguis First Nation, will conduct workshops where participants will learn the techniques and processes of soapstone carving. Afterwards they will take get take their own work of art home.



## THANK YOU, SKILLS SHOWCASE PARTNERS FOR YOUR SUPPORT



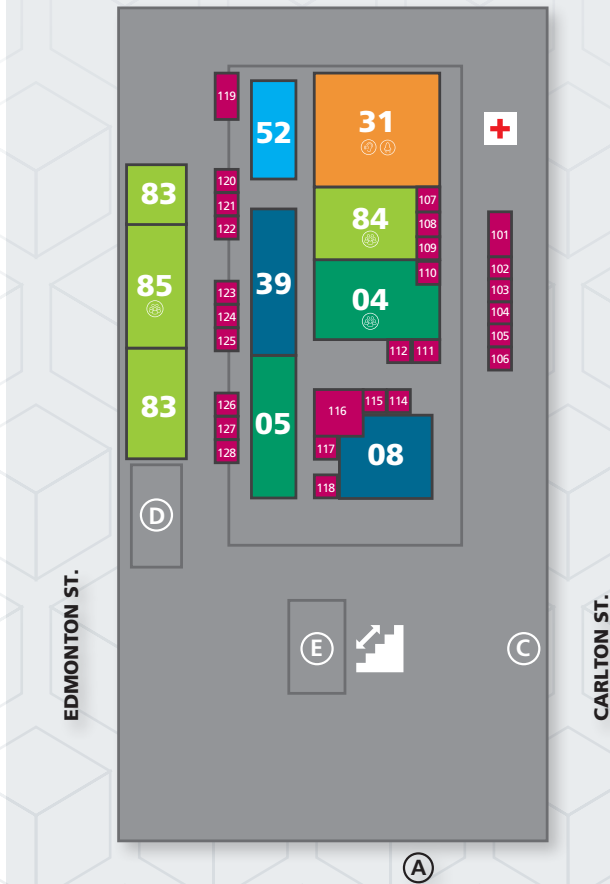
Métis  
Employment  
& Training



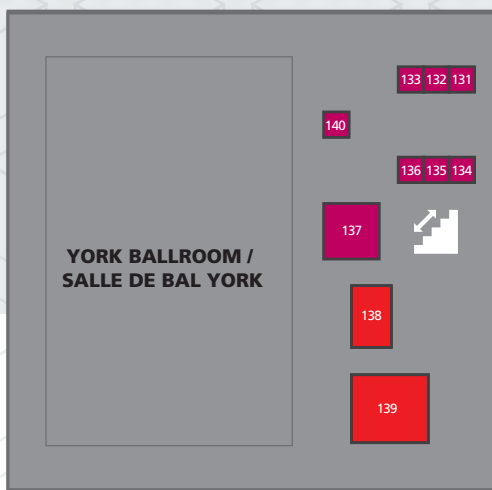
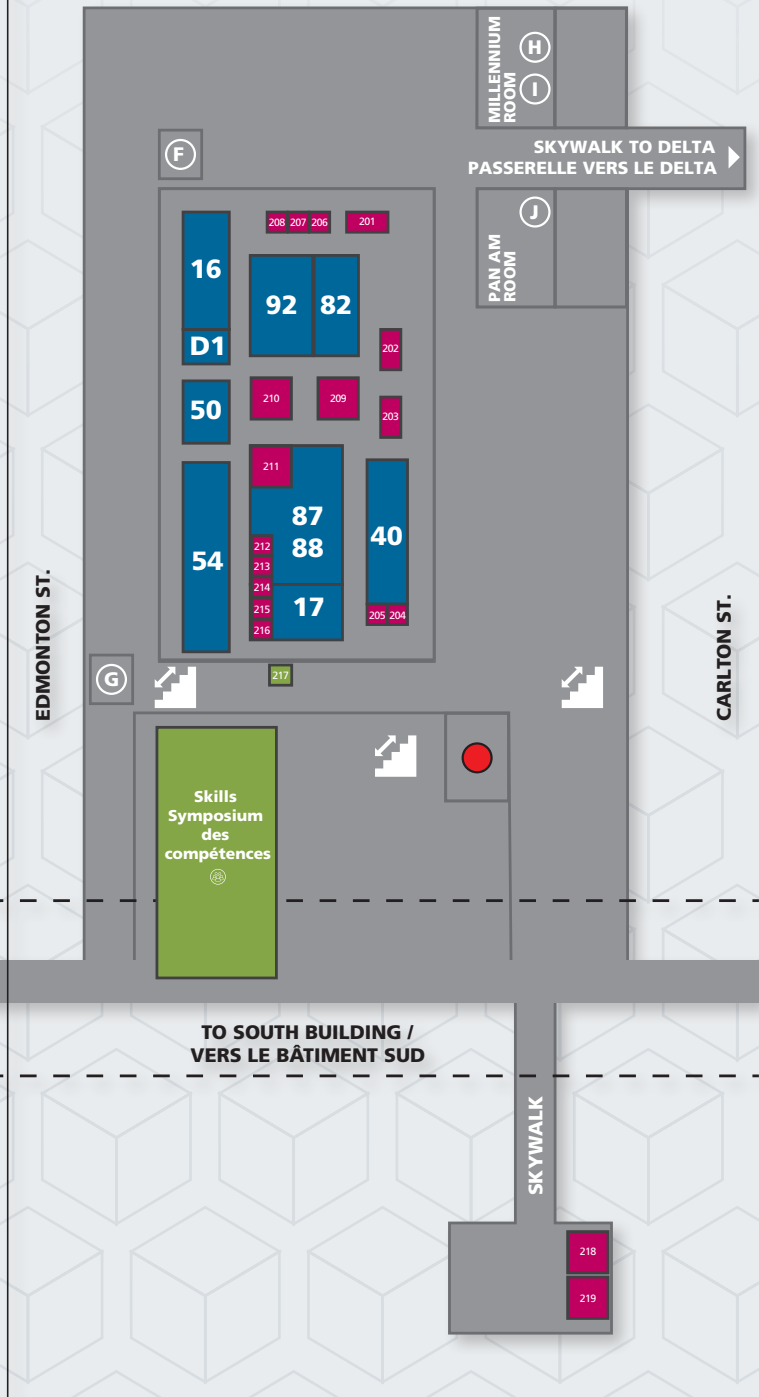
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# SCMC 2023 SITE MAP

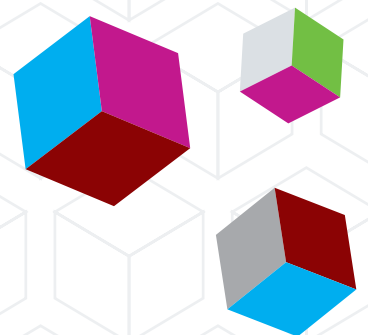
## 1<sup>ST</sup> FLOOR (GROUND LEVEL) 1<sup>ER</sup> ÉTAGE (REZ-DE-CHAUSSÉE)



## 2<sup>ND</sup> FLOOR / 2<sup>E</sup> ÉTAGE



- 138 Empowering Women in Trades / Outiller l'avenir des femmes dans les métiers spécialisés
- 139 Skills Showcase : Featuring First Nations, Inuit, and Métis Skills / Salon des compétences: démonstration des Premières nations, Inuits et Métis



## LEGEND / LÉGENDE

### CONSTRUCTION

- 10 Welding / Soudage
- 15 Plumbing / Plomberie
- 18 Electrical Installations / Installations électriques
- 19 Industrial Control / Contrôle industriel
- 20 Bricklaying / Briquetage
- 24 Cabinetmaking / Ébénisterie
- 26 Carpentry / Charpenterie
- 37 Landscape Gardening / Aménagement paysager
- 38 Refrigeration and Air Conditioning / Réfrigération et climatisation
- 43 Sheet Metal Work / Tôlerie
- 52 Architectural Technology & Design / Dessin et technologie architecturale
- 55 Sprinkler Fitter / Mécanicien/Mécanicienne en protection-incendie
- 81 Steamfitter/Pipefitter / Tuyauterie et montage de conduites de vapeur

### MANUFACTURING / FABRICATION

- 01 Industrial Mechanics / Mécanique industrielle
- 03 Precision Machining / Techniques d'usinage
- 04 Mechatronics / Mécatronique
- 05 Mechanical Engineering CAD / Dessin industriel DAO
- 06 CNC Machining / Usinage CNC
- 23 Mobile Robotics / Robotique mobile

### EMPLOYMENT / EMPLOYABILITÉ

- 83 Job Search / Recherche d'emploi
- 84 Job Skill Demonstration / Présentation : aptitudes professionnelles
- 85 Public Speaking / Communication orale
- 92 Workplace Safety / Sécurité sur le lieu de travail

### SERVICE / SERVICES

- 29 Hairstyling / Coiffure
- 30 Aesthetics / Esthétique
- 31 Fashion Technology / Mode et création
- 32 Baking / Pâtisserie
- 34 Cooking / Cuisine

### TRANSPORTATION / TRANSPORT

- 13 Autobody Repair / Carrosserie
- 14 Aerospace Technology / Technologie aérospatiale
- 33 Automobile Technology / Technologie de l'automobile
- 36 Car Painting / Peinture automobile
- 49 Heavy Vehicle Technology / Technologie de véhicules lourds
- 53 Outdoor Power and Recreation Equipment / Mécanique de véhicules légers et d'équipement

### INFORMATION TECHNOLOGY / TECHNOLOGIE DE L'INFORMATION

- D1 Cloud Computing / Services infonuagiques
- 08 IT Office Software Applications / TI - Applications de logiciels bureautiques
- 16 Electronics / Électronique
- 17 Web Technologies / Technologies du Web
- 39 IT - Network Systems Administration / TI - Administration de systèmes de réseaux
- 40 Graphic Design Technology / Infographie
- 50 3D Digital Game Art / Conception de jeux numériques 3D
- 54 Photography / Photographie
- 82 Video Production / Production vidéo
- 87 3D Character Computer Animation / Animation informatisée 3D
- 88 2D Character Computer Animation / Animation informatisée 2D



- Skills Symposium / Symposium des compétences
- Live Stream Viewing Area / Zone de diffusion en direct
- Ⓐ Main Entrance / Entrée principale
- Ⓑ Welcome Reception / Réception de bienvenue
- Ⓒ Registration / Inscription
- Ⓓ Media Room / Salle de presse
- Ⓔ Hospitality Suite / Salon d'accueil des partenaires
- Ⓕ Prayer room / Salle de prière
- Ⓖ Elder room / Chambre des aînés
- Ⓗ National Alumni Committee / Comité national des anciens et anciennes
- Ⓘ Skills For Success Youth Assembly / Assemblée des jeunes  
Compétences pour réussir
- Ⓢ CIS / NTC / Health & Safety Committee / CIS / Comité national technique / Comité santé et sécurité
- Exhibitors / Exposants
- + First Aid, First Floor / Premiers soins 1<sup>er</sup> étage



### Construction Maintenance Allied Workers Canada (CMAW)

Join Canada's top independent construction union representing a diverse workforce of carpenters, welders, scaffolders, joiners, and many other trades. We provide top wages, benefits, and representation for our members.

If you're a tradesperson looking for representation, Construction Maintenance and Allied Workers Canada can help your voice be heard.

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[cmaw.ca](http://cmaw.ca) Phone: 604-437-0471



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# STEM education creates skilled trades

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**50th Anniversary Announcement!**

Hello Skills Canada!

Mitutoyo Canada is celebrating our 50th anniversary in 2023. This is a major milestone that we should all be proud to be a part of.

Mitutoyo Canada has continued to play a significant role in industry. Our brand has earned the confidence and trust of our Canadian business partners. This trust was built by our efforts to skill & education development, the great product we represent, our dedicated employees, and the important friendships we have built along the way. Mitutoyo Canada has had a very storied history over the past 50 years. We would like to share those stories with everyone and celebrate the people, the achievements, the products, and our partners. Thank you to Skills Competences Canada for the continued collaboration and partnership.

Based on our long-standing partnership with Skills Canada, this is an event we look forward to attending and participating in every year. The Mitutoyo Canada team is very excited to see some great competition at the Skills Canada National Competition 2023 and we wish everyone the best of luck

Congratulations to all of the participants!

The Mitutoyo Canada Team



Mitutoyo Canada | Precision is our Profession

# EMPOWERING WOMEN IN TRADES

The **NEW! Empowering Women in Trades** space is dedicated to showing young women the incredible careers that are available in the skilled trades! Here you will have the opportunity to participate in interactive activities and speak with tradeswomen who love their job and to discover what inspired them to pursue their Career. The space is being supported by CWB Welding Foundation, the Manitoba Construction Sector Council, Manitoba Métis Federation, Manitoba Women in Construction, and Manitoba Status of Women Secretariat. Many tradeswomen will be onsite to share their exciting career journeys, including Kate Campbell, TV Personality and Founder of Kate's Contracting Inc. and Jamie MacMillan, Founder of KickAss Careers.

**At this booth, visitors will have the opportunity to:**

- Talk to tradeswomen to learn more about the fantastic careers in the skilled trades;
- Try out the virtual welder and chainsaw;
- Gear up and smile at the photo booth;
- Take home some fun activities;
- And much more!

For more information, visit: [www.skillscompetencescanada.com](http://www.skillscompetencescanada.com).

## THANK YOU, EMPOWERING WOMEN IN TRADES PARTNERS FOR YOUR SUPPORT



Métis  
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## THANK YOU, SOARING SKILLS PARTNERS FOR YOUR SUPPORT





# From the centre of the continent, to the **CENTRE OF ATTENTION!**

Winnipeg extends a warm welcome to the  
**2023 Skills Canada National Competition**

Now that you are here, you'll see why Vogue magazine calls Winnipeg "an absolute must-visit destination."

During your spare time experience the joy of polar bears swimming and playing over your head at Assiniboine Park Zoo's Journey to Churchill, then and take an interactive journey through humanity's struggles and triumphs at the Canadian Museum for Human Rights. The Exchange District beckons with its handsome architecture, hip restaurants, and fashionable shops, while The Forks has it all—from Canada's most unique public market, to scenic trips along the city's rivers.

Visit [tourismwinnipeg.com](https://tourismwinnipeg.com) to immerse yourself in all things Winnipeg.





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**Studica Robotics is proud to be the Worldwide Sponsor for Skill 32 Mobile Robotics. The Skills Canada Competition inspires youth to discover the many careers that are available in the skilled trade and technology sectors.**

[www.studica.ca](http://www.studica.ca)

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Visit the stations to encourage the competitors!

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# GREEN CAREERS CANADA

There are plenty of career options in the field of landscaping & horticulture. Opportunities exist throughout the country, with positions available in every province.



Interested in learning more about careers in this trade?



CHOOSE YOUR PATHWAY:

- Landscape Design
  - Horticulture
  - Landscape Contracting
  - Grounds Management
  - Horticultural Therapy
  - Landscape Architecture
  - Garden Centre/Growing
- ... and many more!

[www.greencareerscanada.ca](http://www.greencareerscanada.ca)



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WELCOME TO THE 2023

# Skills Canada National Competition

*Apprenticeship Manitoba congratulates the competitors  
in this year's national competition.*

Skilled trades are in high demand,  
rewarding, and essential to communities  
across Canada. Your desire to learn  
and compete against your peers is an  
example of your dedication to not only  
hone your skills but to grow your career,  
your opportunities, and the economy.

***Congratulations on your  
achievements and good luck  
in your competitions.***

To continue building your skills and your future, visit:  
***Manitoba.ca/Apprenticeship***

**Apprenticeship**  
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FROM THE CLASSROOM  
TO THE WORKPLACE

# SKILLS FOR SUCCESS MATTER



## CHANGE IS COMING! LET'S ADAPT!

*"A lot of the work in, say, construction or restaurants involves visual and motor flexibility. It also requires adaptability, in terms of answering questions, giving people directions, or taking orders."*

— David Autor, American Economist

## ADAPTABILITY

is used to achieve our goals when expected or unexpected change occurs, by planning, staying focused, and overcoming obstacles.

## WHY THIS SKILL IS IMPORTANT

Things don't always go according to plan, so it's important for us to be flexible and adaptable to succeed when things change in our lives.



CBC  Radio-Canada

## CHECK OUT OUR LIVESTREAMING!

This year, Skills/Compétences Canada (SCC) in partnership with CBC/Radio-Canada, will be livestreaming the Skills Canada National Competition, including the Opening and Closing Ceremonies. This will include competition footage and onsite interviews with partners, alumni, members of the National Technical Committee and the National Board of Directors.

Check out the livestreaming to learn more about the different Skill Areas, see what they are working on, and cheer on competitors from your region! To view the livestream from a quiet location, you can go to the livestream area located on second floor, in front of the concessions area, at the RBC Convention Center. To see the full livestreaming schedule and what's coming up next, check out our website and our social media channels. Watch it live from any location on SCC's **YouTube channel**.





# THINK OUTSIDE THE BOX

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

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At SCNC 2022 in Vancouver, from left to right: Samuel Turgeon-Brabazon, ON, Emma Lewis, MB, Michelle Gilbert, NB, Pelly Vincent Braun, YK, Patricia Roque, BC, Britnee Mishak, SK, and Robbie McMahon, PEI.

## THE NATIONAL ALUMNI COMMITTEE PARTICIPATE AT SCNC 2023

The National Alumni Committee (NAC) is comprised of Skills/Compétences Canada alumni from each province and territory. NAC was formed to create, support, and provide guidance to the Skills Canada Alumni committee will participate at Associations across Canada. NAC ensures that the best interests of their alumni member associations are met and that each of their voices are heard.

Meeting at the 2023 Skills Canada National Competition, in Winnipeg, for the fourth time, the NAC will work together to establish a consistent message and continue to be a conduit of information for all alumni in their

jurisdictions. They will also be discussing how to engage youth in skilled trade and technology competitions in their respective provinces and territories.

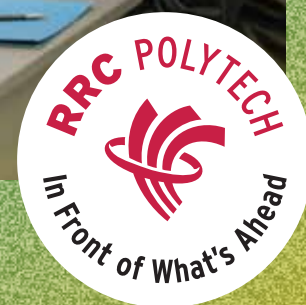
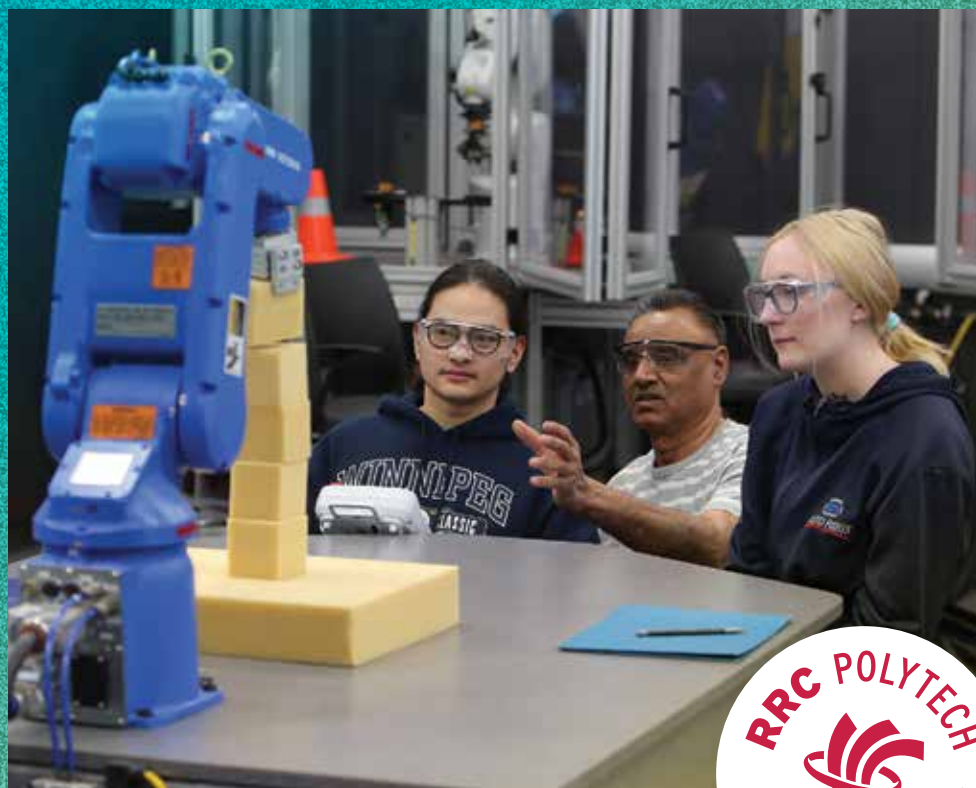
Skills Canada Alumni Associations exist across the country. You can find them in your province or territory by following your local Skills Canada Organization on Twitter, Instagram, and/or Facebook. Hear their success stories, see their events, and learn from them the rewarding careers that are available in the skilled trades and technologies! NAC is looking forward to seeing all the talent at this year's SCNC! Look for the NAC onsite, they will be wearing cool grey shirts.



# RRC Polytech Welcomes Skills Canada 2023

## GOOD LUCK TO ALL COMPETITORS

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



[rrc.ca/skillscanada](http://rrc.ca/skillscanada)

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PROUD SUPPORTERS OF SKILLS COMPETITIONS WORLDWIDE

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En tant que membre fondateur de Skills/Compétences Canada, l'équipe de Compétences Québec est fière de contribuer au succès des Olympiades canadiennes.

**Bonne chance à tous les finalistes !**

 **Compétences Québec**

[www.olympiadesmetiers.quebec](http://www.olympiadesmetiers.quebec)



# WORLD SKILLS TEAM CANADA 2023 COMPETITOR PATHWAY

- 1 IN-SCHOOL COMPETITIONS**

1 It begins with in-school competitions, supported by teacher encouragement.
- 2 REGIONAL COMPETITIONS**

2 Progress to regional competitions.
- 3 PROVINCIAL/TERRITORIAL COMPETITIONS**

3 Approximately 5,000 youth advance to the provincial/territorial competitions.
- 4 2023 SKILLS CANADA NATIONAL COMPETITION**

4 Over 550 students compete at the Skills Canada National Competition (SCNC). The highest-ranking age eligible participant or team in identified Skill Areas at SCNC are selected to participate in the next stage of WorldSkills Team Canada.
- 5 WORLD SKILLS TEAM CANADA TRAINING MAY 2023-AUGUST 2024**

5 The competitor or team in each identified Skill Area will participate in various training activities and a mental preparation program.
- 6 WORLD SKILLS TEAM CANADA SELECTION PROCESS FEBRUARY TO APRIL 2024**

6 The competitor or team in each identified Skill Area will participate in a competition to achieve a predefined Canadian Standard as the last step in the WorldSkills Team Canada Qualification Process.
- 7 WORLD SKILLS TEAM CANADA COMPETE AT WORLD SKILLS LYON 2024 IN SEPTEMBER**

7 WorldSkills Team Canada members represent Canada at the WorldSkills Competition.

# HELP SKILLED TRADES THRIVE

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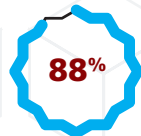
# THE IMPACT OF SCNC

Quorus Consulting Group Inc. worked in conjunction with Skills/Compétences Canada to conduct an onsite survey with spectators and competitors during the 2022 Skills Canada National Competition (SCNC), in Vancouver. Here are some of the findings.

Overall satisfaction with SCNC continues to be high; 99% of spectators would recommend it to others.

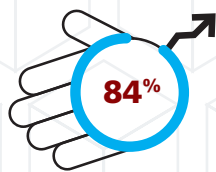


Skills for Success: 90% of competitors agree SCNC improved their adaptability skills and 88% believe this has improved their problem-solving skills.



88% of the competitors believe the competition has increased their chances of getting a job.

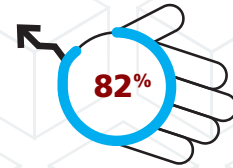
According to competitors, the competition continues to have a remarkable impact on their "soft skills":



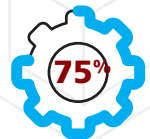
84% believe the competition has increased their self-confidence

82% believe the competition has increased their sense of initiative

95% felt that the competition has motivated them.



86% of spectators feel they have learned about new career options in skilled trades and technologies, and 75% feel they have learned about new sources of information in how to pursue a career in skilled trades and technologies.



The proportion of 13 to 18-year-old spectators with a positive perception of skilled trades and technologies grew from 69% before attending SCNC to 95% after attending SCNC.

## TOP MOTIVATORS FOR COMPETITORS TO CHOOSE A CAREER PATH INCLUDE:

- Working in a field they feel passionate about (96%)
- The demand for that job in the marketplace (75%)
- The lifestyle they'll have working in this field (69%)
- The salary growth potential over time (65%)
- The contribution to the world with their work (63%)
- A health benefits plan (63%)
- The affordability of the courses and training needed (53%)

VOLVO  
 CHANGE STARTS HERE.  
 BE READY FOR IT.

Volvo Construction Equipment and Skills/Compétences Canada have partnered together to equip a generation with the skills and knowledge needed to succeed in a rapidly changing construction industry. On behalf of Volvo Construction Equipment, congratulations to this year's championship participants and winners.

[volvoce.com/na](http://volvoce.com/na)

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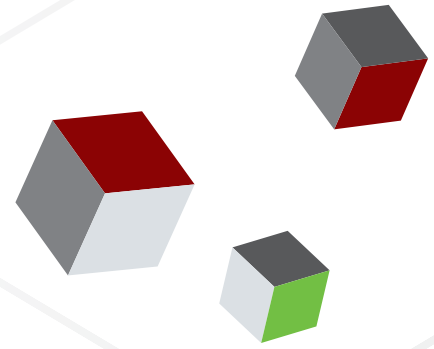
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**GUARANTEED TOUGH.**

# Skills SYMPOSIUM des Compétences



## EMBRACING ADAPTABILITY: NAVIGATING CHANGE IN THE SKILLED TRADES AND TECHNOLOGIES.

The Skills Symposium is being hosted on May 25 and 26, 2023, at the RBC Convention Centre, in the Presentation Theatre.

This must attend event brings together key industry players, policymakers, and educators, to discuss and learn more about the latest trends and pressing issues facing the skilled trade and technology sectors. This will also be an opportunity to connect with other professionals, gain new perspectives, and expand your knowledge.

### Session Topics will include:

- Skills development including training and education;
- Diversity, equity and inclusion;
- Sustainability and the environment;
- Retainment and recruitment;
- Skills for Success Forum focused on *Adaptability*;
- The importance of literacy for skilled careers;
- And much more!

In addition, there will be several networking events for registered attendees. To see the full agenda, go to:







## Supporting Canada's Top Talent

Copeland is proud to sponsor the Skills Canada National Competition every year. As a leading manufacturer of HVAC/R products and equipment, we see students and apprentices as an investment in our future!

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Winnipeg Construction Association



# MARK YOUR CALENDAR FOR THE 2024 SKILLS CANADA NATIONAL COMPETITION IN QUÉBEC, QC!

Get ready for next year's Skills Canada National Competition which will be held on May 30 and 31, 2024, at ExpoCité.



Join us for the 2024 Skills Canada National Competition (SCNC), in Québec city. Through SCNC, Skills/Compétences Canada promotes skilled trade and technology careers to Canadian youth. The Skills Canada National Competition is our flagship event and is an ideal way to connect with tomorrow's workforce. Join us in **#CreatingPossibilities** for our future skilled workforce!

Designated a UNESCO World Heritage Site in 1985, Old Québec is the most intact fortified town north of Mexico, retaining its colonial architecture for over 400 years. It is the historic and cultural heart of Québec City, and the birthplace of French North America. Wander through Petit-Champlain, one of the oldest shopping streets in North America, and discover the historic gems found inside the walls, including the fortified walls and ramparts. Explore the shops and marina of Old

Port, and soak in the atmosphere of the Plains of Abraham and Parliament Hill.

We could not hold an event of this magnitude without the support of our partners and stakeholders, including our Funding Partner the Government of Canada and many others. To see our list of partners, check out our website at: [www.skillscompetencescanada.com/en/skills-canada-partners](http://www.skillscompetencescanada.com/en/skills-canada-partners).

To discuss a sponsorship opportunity that best suits your organization, contact:

Patrick LeClair, Director, Business Development, at 902-314-2180 or [patrickl@skillscanada.com](mailto:patrickl@skillscanada.com).

To stay up to date with **SCNC Québec 2024**, go to: [www.skillscompetencescanada.com](http://www.skillscompetencescanada.com) and stay tuned on SCC's social media channels! **#SCNC2024**

WHERE THERE IS A SKILL  
MAKE THE REST A WAY!



## ABOUT WORLDSKILLS LYON 2024

The 47<sup>th</sup> WorldSkills Competition will take place September 10 to 15, 2024, in Lyon, France.

The WorldSkills Competition, held every two years, inspires youth to discover the many interesting careers that are available in the skilled trade and technology sectors. With an increasing demand for skilled workers, the skilled trades and technologies offer a rewarding and lucrative career path for youth around the world. Throughout the competition, stakeholders from industry, government, and education are provided with the opportunity to exchange information and best practices regarding industry and professional education at networking events and thought-provoking conferences.

At WorldSkills Lyon 2024, approximately 1,500 competitors from over 60 Member countries and regions will compete in over 60 Skill Areas for the prestigious title of world champion in their respective trade. These Skill Areas represent six sectors: Manufacturing and Engineering Technology, Information and Communication Technology, Construction Technology,

Transportation and Logistics, Creative Art and Fashion, and Social and Personal Services. The 47th WorldSkills Competition will take place at Eurexpo Lyon, in front of thousands of spectators.

The event slogan for WorldSkills Lyon 2024 is: **Where there is a skill there is a way.**

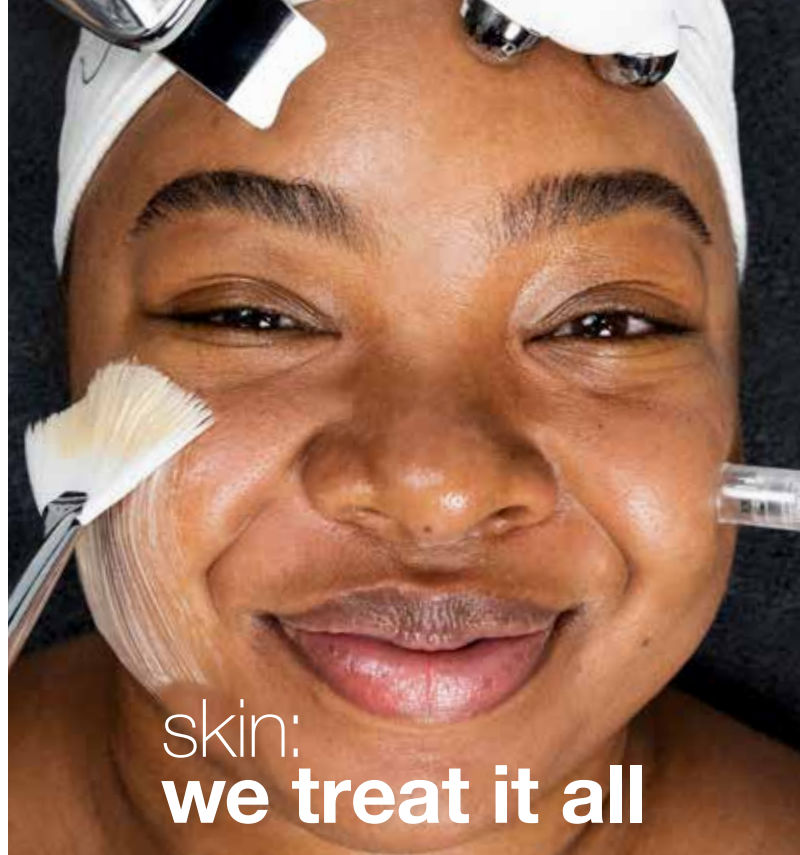
Lyon is one of France's oldest cities, and is reputed as the gourmet capital of France. It's large historic centre, Le Vieux Lyon, is a UNESCO World Heritage site, and is the largest ensemble of Renaissance buildings in Europe. It is the hub of an urban area with over two million inhabitants. Lyon is also famed as the capital of the French silk weaving industry and a major textiles centre. This city is considered a major industrial and business hub with excellent rail and road links and one of France's busiest airports.

For more information about WorldSkills Lyon 2024, visit: [worldskills2024.com](https://worldskills2024.com).



Congratulations to all the participants of the Skills Canada National Competition!

Félicitations à tous les participants des Olympiades canadiennes des métiers et des technologies!



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Highlighting  
Adaptability

# The Skills for Success Youth Assembly Gather to Discuss Skills Programs

Held in conjunction with the 2023 Skills Canada National Competition, in Winnipeg, the Skills for Success Youth Assembly (SFSYA) provides an opportunity for young adults, aged 18-22, to discuss Skills/Compétences Canada's (SCC) activities and initiatives. The goal of the SFSYA is to gather recommendations from young Canadians on how to improve SCC's messaging, while discussing important industry issues that directly affect them as they enter the workforce.

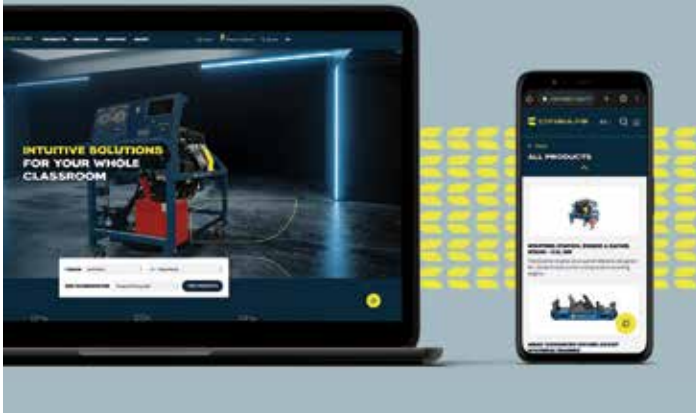
The theme for the 2023 SFSYA will be: *Adaptability*. The theme will be integrated into their onsite activities. In the fall of 2023, two SFSYA representatives will present a full report to the SCC Board of Directors. Look for the SFSYA onsite, they will be wearing dark grey shirts.





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## THANK YOU TO OUR VOLUNTEERS!

Skills/Compétences Canada (SCC) would like to thank the hundreds of volunteers that dedicate their time and efforts to making the Skills Canada National Competition a success each year. From our National Technical Committee who develop the contest descriptions and projects and determine all equipment and material required for their Skills Areas, the project judges, our onsite volunteers, to our alumni, we are very grateful to have your expertise! We could not hold an event of this magnitude without your commitment and dedication. Through this event, we are able together to impact the lives of thousands of young Canadians, show them the many rewarding careers that exist in the skilled trades and technologies and inspire them to discover skills.

## THANK YOU TO OUR SPONSORS AND SUPPLIERS!

Skills/Compétences Canada would like to extend a big thank you to our many sponsors and suppliers who dedicate their time, knowledge and resources to this important event. Through their monetary and material contributions as well as their industry expertise, every year we are able to host the Skills Canada National Competition with 45 Skill Areas and welcome thousands of students through the door to discover all the incredible career possibilities in the skilled trades and technologies. Your contributions and your presence allow us to shape tomorrow's workforce together and fill the gap by introducing youth to the world of opportunities that these careers offer. We could not host such a successful event without your support. Thank you for helping us demonstrate how **#SkillsChangeLives** by **#CreatingPossibilities** for Canadian youth.





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