

National Skilled Trades and Technology Week Try-A-Trade® and Technology Activities

The goal of this week-long event is to promote and host awareness raising events around the many career opportunities in skilled trades and technology in Canada. During NSTTW organizations from across Canada get involved with SCC in a “hands-on” way to promote skilled trades and technology careers to youth, parents and the public.



Apprenticeship Manitoba

Visit our booth to find out more about apprenticeship opportunities. Get some free swag, learn about our high school apprenticeship program as well as regular apprenticeship employment opportunities.



Canadian Armed Forces

The Canadian Armed Forces utilizes some of the largest, heaviest and highest tech equipment that requires operation and maintenance. Are you up for the challenge?



Canadian WoodWorker

Come to the Canadian WoodWorker booth and see a CNC router in action. Finish the project to take it home.



Computers for Schools Manitoba

Learn why Adaptability is crucial in the Information Technology sector. Join us in trying to identify failing computer hardware and learn how to replace them yourself in this interactive demo.



CWB Welding Foundation

Visit the CWB Welding Foundation booth, where we're showcasing our welding simulator, career pathways and welding safety.



DeWalt Stanley

DeWalt Drill Off: See if you can drill five screws in record time!



FWS Group

Check out our hydraulics presentation! Students will review a schematic and assemble what is on the drawing with the parts available on the table. To test your Adaptability skills, we plan on having a change in plans part way through the assembly, where students will have to make the necessary changes to meet the client's requirements.



Habitat for Humanity Manitoba

Hammer Horse Challenge: Test your skills at Habitat's hammer horse challenge by hammering in nails. The person with the fastest time will win a prize.



National Skilled Trades and Technology Week Try-A-Trade® and Technology Activities Continued



Harvest Today

Students will get to experience the different stages of planting with the Harvest Wall, including seeding plugs, filling peat cups with seedlings and coco coir, and adding plants to the Harvest Wall. They may even get to try some of the basil we will be bringing to the show.



Indigenous Education

Explore Indigenous trade and technology programs! Please drop by to learn more about our Introduction to Trades, Indigenous Culinary Skills, Pathway to Engineering Technology, Pathway to Information Technology Programs at RRC Polytech.



Indigenous Supports

The Indigenous Student Supports team is here to help Indigenous students succeed. Students will be able to speak with support centre staff about the resources available to them at RRC Polytech.



Manitoba Nursery Landscape Association/Red River Polytech

It's all about Plants! Plants are beneficial to all aspects of our lives. Learn about a career in horticulture, a future where you dig deep into the plant world. Challenge a friend to a little paver competition.



Merit

Visit us and get some cool swag!



SAFE Workers of Tomorrow

Check out our Level Up Virtual program that shows different workplaces - spot the hazards in each workplace.



Skills Canada Collision Repair Program

The Skills Canada Collision Repair Program is excited to provide students with an opportunity to try "painting" a vehicle using cutting-edge virtual reality software. Students will have fun with this hands-on activity and learn about the exciting career opportunities available to young people in the Collision Repair Industry.



National Skilled Trades and Technology Week Try-A-Trade® and Technology Activities Continued



Skills for Success

Visit us and learn about the Skills for Success that help you in a quickly changing world. Everyone benefits from having these skills. They help you to get a job, progress at your current job and change jobs. The skills also help you become an active member of your community and succeed in learning.



SMART

Visit our booth and try a neat sheet metal activity!"



Vale

Try the "Nut and Bolt" challenge. Fit the right bolts into the nuts in record time and win a prize!



Winnipeg Construction Association

We will have a safety glasses/nail gun demo where students can shoot a nail gun at a mannequin head in a secured, enclosed box. Students will fire two shots, one at a pair of regular sunglasses, and the second at a pair of CSA approved safety glasses. The results will show the advantage to wearing proper safety glasses when working with power and pneumatic tools.



National Skilled Trades and Technology Week

NSTTW 2022 Red River Polytech Try-A-Trade® and Technology Activity Descriptions



Indigenous Cuisine – Culinary Experience, Prairie Lights Dining Room, Mall Level

In the Indigenous Culinary Skills kitchen, students will take part in creating, assembling and plating dishes that utilize Indigenous ingredients and using classic culinary methods.

Transportation – Consulab, Z Building Shop Space

Students will visit the Consulab trainer where they will experience a Cummins diesel engine that is fully equipped and running which provides easy access to work on the electronics and electrical system.

Canadian Armed Forces

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Transportation – Motive Lab, Z Building Shop Space

MotiveLab™ is a research facility at Red River College Polytechnic focused on supporting on- and off-highway heavy vehicle testing and development requirements for the region.

Welding – Smart Factory, T136

Students will tour to the Smart Factory where they will be immersed in the sights and sounds of augmented welding, while safely working on hand-eye coordination on virtual welding simulators.

Robotics – Robotics Lab, T133

Students will tour the robotics lab where they will learn about robots and work in pairs to learn how to program a robot to accomplish simple tasks such as move parts, write, or wave.

Emerging Media – Immersion Room Experience, Immersion room GM33

The Immersion Room allows projection of images on all four walls of a room at the same time, creating a unique 360° experience. The experience is similar to a virtual reality experience, but in a group setting. In this room we will simulate environments that give students realistic and immersive experiences for sharing, imagination, and skill development

Construction, B138

Students will tour the Bricklaying Shop where they will learn about brick masonry and try their hands applying mortar to a brick and placing it to construct a brick wall.
