

THE MANITOBA TECHNOLOGIST

Certified Technicians and Technologists Association of Manitoba

22

new
registrants

Welcome and congratulations!



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Wind Turbine Competition

Students build wind turbines
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Neat Week

CTTAM team finalist
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Cover photo

Crew removes an elm tree with the support of a canine team member.

The City of Winnipeg's dutch elm disease control program attempts to ensure the well being, longevity and enhancement of the urban elm forest.



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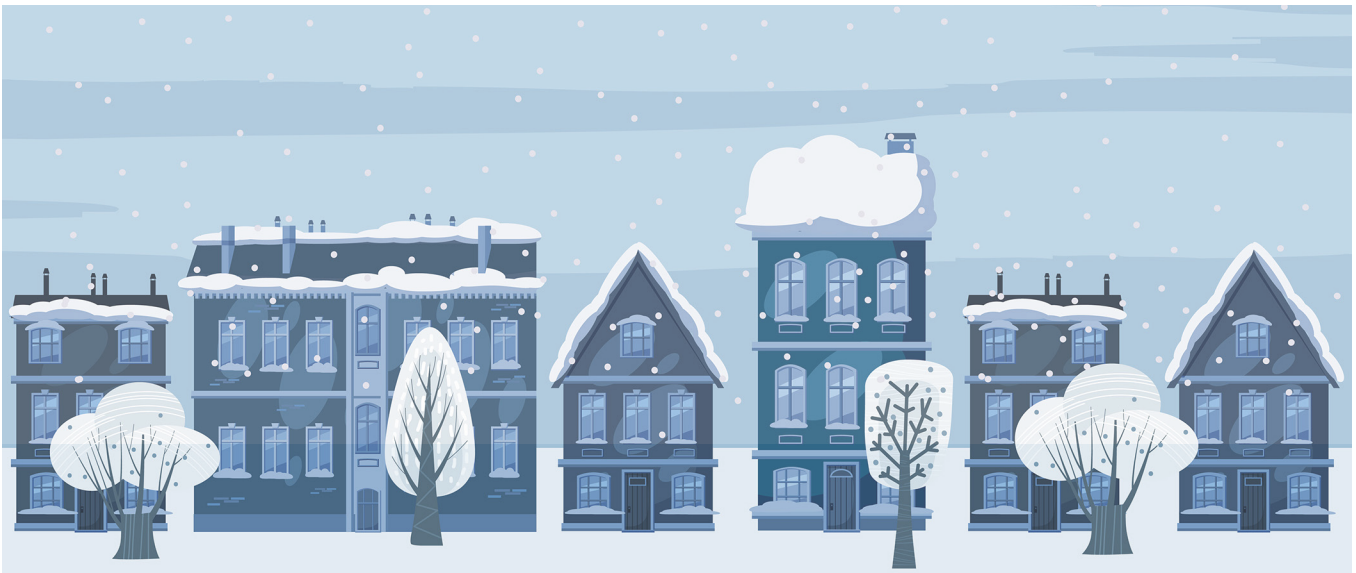
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Holiday greeting





As we wrap up the year I want to extend my sincere appreciation to all CTTAM registrants, volunteers and industry partners for your ongoing commitment to excellence in applied science and engineering technology across Manitoba.

2025 has been a year defined by community. From increasing our registrant numbers, to engaging with new industry and academic partners, and even being represented by engineering technology graduates at the national competition for NEAT Week, this level of dedication has ensured that our profession thrives in a dynamic world. We're excited to carry that momentum onwards as registrants continue to demonstrate leadership and innovation that help make a tangible impact for our communities.

This year also highlighted our commitment to expanding opportunities for professional development, enhancing member services and advocating for the recognition our profession deserves. Your feedback and engagement are vital, and I encourage you to participate in upcoming initiatives and share your insights as we shape the year ahead. Consider following us on LinkedIn and Facebook to stay up-to-date with reminders, events and training opportunities.

On behalf of the CTTAM Board of Directors and staff, I wish you and your families a joyful holiday season, a restful break and a healthy, successful New Year.

Shannon

Shannon Nordal, C.E.T.
CTTAM President



About Shannon

Shannon graduated with honours from the Environmental Engineering Technology program at RRC Polytech. She was awarded Co-operative Education Manitoba's 2017 Co-op Student of The Year, and received a national honourable mention from CEWIL Canada. In 2019 Shannon was awarded the CTTAM President's Volunteer Award for helping drive student registration numbers and participating in CTTAM's strategic planning session. Shannon works at RRC Polytech in the Civil Engineering Technology and Construction Management Department, instructing the environmental management course.

Thank you for an incredible year

As December is here and the year draws to a close, I find myself reflecting on the what we together have achieved for this organization throughout the year.

This time of year brings a blend of gratitude and optimism for me. I am so grateful for the support of CTTAM registrants and their ongoing commitment to the profession.

I'm also looking at the future to see how we can increase registrations and offer extra value at future events.

Our success is because of not only our registrants, but our Board of Directors, our committee members and our committed staff. Thank you to all.

New lay person named

Glenn Lelyk joined our Board in 2025. He brings experience and an external perspective while advocating for public interest.

Celebrating 60 years

We realized a major milestone in 2025, and highlighted in each issue were significant events and achievements in our organization's history.

Defining our direction

This spring we held a strategic planning session with the Board and staff. Prior to this meeting we surveyed registrants who shared their feedback

on our progress. During the session we worked on our direction, our priorities and the actions needed to achieve long-term success.

Acknowledging excellence

In May we held a Presidents and Awards dinner. These awards honour our life members, instructors, volunteers and honorary members.

We also said goodbye to Mariclaire Lawlor, C.E.T. who has completed her Board term. Thank you to Mariclaire.

CTTAM team finalists

Congratulations to RRC Polytech's Phoemela Miranda, Mina Mattner and Karl Monsalud who competed in the Neat Week National Capstone Competition in November. Their report, *Pathology of Reinforced Concrete, Timber and Steel in Bridges*, discusses the science behind the materials used in bridge construction and the importance of knowing how these materials can deteriorate. Flip to page 19 to read more about this event and the winners.

Offer extra value

Through new courses and enhanced networking events held this year our focus has been on designing content that offers practical knowledge and offer hands-on workshops that cater

to different learning styles. Your opinions matter and we continually gather your feedback and insights for future improvements. I'm always here to listen and to keep those conversations ongoing.

Changes coming

Starting in 2027, Canada will no longer be part of the Sydney and Dublin Accords as international registrants seldom seek this pathway for certification.

Warm wishes

The end of the year can be a time for rest, reflection and connections with family and friends.

I encourage you to take any time off to recharge and enjoy the season, however you celebrate it.

Wishing a peaceful, healthy and happy holiday season and a prosperous New Year!

Robert

ROBERT OKABE
CTTAM CEO and Registrar



Robert (Bob) Okabe, C.E.T., FEC (Hon.), IntET (Canada), has been our CEO and Registrar since July 2015. He has a Civil Engineering Technology Diploma from RRC Polytech. Bob has served as Association President, Panel of Examiners Committee Member, CCTT Director and past Chair and Program Reviewer for CTAB and TAC.

Robert Okabe, CTTAM CEO and Registrar



Welcome to our new registrants

Validating your expertise

Being certified means registrants can use the Certified Engineering Technologist (C.E.T.) or Certified Technician (C. Tech.) titles. Our salary surveys consistently show that employers value and prefer to retain CTTAM certified employees.

CERTIFIED
Congratulations
to our newly
certified
registrants.
Welcome!

Certified registrants may also vote in our elections, hold office and participate on one of our many committees. Registrants can access discounts on different services and can explore career opportunities at the Canadian Technology Employment Network job bank at cten.ca.

How to certify

Our certification process is designed to be easy to navigate with a clear process track for applying for certification, all completed online. Applicants for certification/membership with CTTAM, first need to apply online at Technology Registrations Canada.

Technologists

Akinpelumi Oduwale, C.E.T.

Amandeep Warring, C.E.T.

Chandan Solanki, C.E.T.

Chenyu Wang, C.E.T.

David Prcevic, C.E.T.

Joseph Tchamadjeu Wokchu, C.E.T.

Michele Carole Ngongang Wangue, C.E.T.

MEP Professional LLC

Cassidy Manufacturing
Technology

Manitoba Hydro

IVC Vita Health

Mohammed Amine Saberlalah, C.E.T.

Peter Sison Jr., C.E.T.

Samuel Gerner, C.E.T.

Taylor Robinson, C.E.T.

Tomas Kubalcik, C.E.T.

Polycast International

Magellan Aerospace

Winnipeg

J.R. Cousin Consultants Ltd.

DGH Engineering

Victoria Gold Corporation

Technicians

Anna Nesterenko, C. Tech.

Denys Ostrovskyi, C. Tech.

Dev Patel, C. Tech.

Dmitrij Polishuk, C. Tech.

Glenn Minnoy, C. Tech.

WSP Canada Inc.

WSP Canada Inc.

C.L. Malach Metal

& Machining

Meridian Manufacturing

Inc.

BLM GROUP

Haedong Kim, C. Tech.

Ibrahima Diallo, C. Tech.

Jerome Geronimo, C. Tech.

Sarah Mus, C. Tech.

Yang Gu, C. Tech.

Vidari Solutions Inc.

Motor Coach Industries

City of Brandon



Our technology ring is a sign of your profession

Wear it, show it and take pride in earning it

Only certified technologists and technicians can wear our ring

The sterling silver band features a repeating pattern of five gears bracketed by a maple leaf on each side. The technology ring represents the union between registrants, CTTAM and fellow registrants. It may be worn according to your preference but professional rings are traditionally worn on the pinky finger.

The maple leaf design was chosen to reflect our country and make it more likable by registrants across Canada.

The ring is distinctive enough so that the public could identify at a glance that it is a symbol of certified engineering, of an applied science technologist or a technician.

Affordable

The technology ring is available for registrants at a cost of \$110. You will have to book an appointment for ring sizing and the pickup of any ring orders.

How to order

If you have questions or would like to purchase a ring please contact our Deputy Registrar, Lauren Gluck at 204-784-1081.

Buy your ring today!



Optimize your talents — new workshop offered

Registration now open, event is a CPD activity

A new workshop, *From Good to Great: How Lean Transforms Technical Work — A Lean White Belt Certification* runs on February 6, 2026.



For the first time ever we are offering this workshop type. It is being held at the Norwood Hotel at 112 Marion Street, in Winnipeg. It runs from 8:30 am to 4 pm with lunch and snacks provided. Cost is \$250 for registrants and \$300 for non-registrants. Availability is limited so sign-up today.

Background

WHAT IS LEAN?

Lean is a systematic approach in identifying and eliminating/reducing inefficiencies in your processes and providing the most value from the customers perspective, while consuming the fewest resources and utilizing the talents of the people who do the work.

Lean applies to all roles. It's a powerful mindset and toolkit that helps technicians and technologists work smarter, not harder. At its core, Lean is about eliminating waste, solving problems at the source, and constantly improving the way work is done.

First steps

A Lean White Belt certification is an entry-level credential providing foundational knowledge of Lean principles, including identifying waste and improving process flow.

Coach information

Coach Erwin Matusoc is a Certified Lean Master Black Belt with over 25 years of transformative experience driving excellence through Lean and Continuous Improvement.

Early in his career, Erwin immersed himself in the heart of Japanese manufacturing management systems, receiving advanced training in Japan, and further honing his expertise in Germany and Italy while earning his Lean Master Black Belt.



Space is limited. Register early.

Our strategic partners

Building on our industry connections

Having strategic partnerships with like-minded organizations, provides us and our associates with mutual opportunities to build brand loyalties with our members, along with increased opportunities to attract and retain highly-skilled technologists and technicians.



CTTAM news updates

Be the first to know

Subscribe to our [CTTAM news](#) to get posts on training, news and events sent directly to your in your email inbox. If you are not receiving these emails, please contact us at admin@cttam.com or call 204-784-1081. We will gladly help update your email address and/or your contact information on your registrant profile.



Our history — Past presidents

Celebrating our history by highlighting our leadership

Over the past 60 years we have benefited from the strong and inspiring leadership of our 43 presidents. Our president typically serves a two-year term. Their responsibilities often include developing and implementing our business strategy and providing guidance to other board members.

2000s

Shannon Nordal	2025-
Josee Remillard	2023-25
Ted Protosavage	2021-23
Andrew Procca	2019-21
Kelly Orr	2017-19
Neil Klassen	2015-17
Grant Nicol	2013-15
Tracey Kucheravy	2011-13
Dave Little	2009-11
George Graham	2007-09
★★ Nathalie Emond	2005-07
Robert Okabe	2003-05
Wilhelm (Wil) Miller	2001-03

1990s

Larry Drebniski	1999-2001
William D. Sutherland	1996-99
J. Al Glover	1995-96
John H. Cott	1994-95
M. James Campbell	1993-94
J. I. McKenzie	1992-93
Erich Mantler	1991-92
Paul C. Hur	1990-91

1980s

Bernard P. Smith	1989-90
D. Rick Hunter	1988-89
W. Remple	1987-88
Edward Dunsford	1986-87
William Dowhopoluk	1985-86
Ralph Caldwell	1984-85
Lubomyr Banias	1983-84
Edwin Zubert	1982-83
James Beattie	1981-82
Art W. Mogk	1980-81

1970s

R. Wayne Park	1979-80
W. Alex Cross	1978-79
William Didyk	1977-78
Ralph Caldwell	1976-77
William R. Pratt	1975-76
John H. Farr	1974-75
Larry W. Johnston	1973-74
Donald H. Shand	1972-73
Guy Newman	1971-72

1960s

Larry W. Johnston	1969-71
Tim A. Evans	1967-69
★ W.A. Harrington	1965-67

★ (First President)
★★ (First female President)



Historical time line — 1965 to 2025

Celebrating 60 years

- To honour and acknowledge our achievements and milestones we have a historical time line on our website. Here you can explore events that have helped shape our organization. Check out the details [here](#).



Ashton Parent, C.E.T.

Ashton works at Ellmar Construction. The company provides reliable, high-quality heavy construction services tailored to commercial and industrial clients. Their office is located in Headingley.

Please tell us your employer's name, your title and provide a short job description.

I hold the role of Estimator / Project Manager at ELLMAR Construction.

But by nature of being a young company, all of us wear many hats. I find myself both in the field directing work, surveying or even raking out gravel; and in the office pricing work and monitoring project progress. In addition to being in the field and coordinating the execution of projects I am directly involved

in planning the direction and growth of the company. This is something I had always wanted to be involved with since I first entered the construction industry at 18.

Where were you born? Where did you grow up?

I was born in Selkirk, briefly living nearby before we moved to Birds Hill. I spent eight years there before we moved into Winnipeg where I spent the rest of my childhood. Now as an adult with a family we have moved North of Winnipeg in a small town where my daughter will be able to have a similar childhood playing in the trees and the mud like I did at her age.



What were your interests in high school?

My interests during high school were anything but being in school. Though I always did enjoy science and geography based classes. Outside of school, most of my time was spent out with friends or playing football.

Do you have a person/mentor in your life that influenced your education and career choices?

Sonny and Dustin were the owners of the company I worked for when I first entered construction at 18. It was through their guidance (and patience) that I developed the foundation for the core traits that I continue to take with me and have helped me progress in my career. They both left a valuable impact on me and my career. I would have never guessed that I would learn as much as I did digging holes and laying sewer pipe.

What are your main job responsibilities?

My core responsibilities revolve around cost estimation and project planning.

I am the main staff member responsible for sourcing and pricing potential projects. When projects are awarded I manage and monitor the execution to ensure we meet the clients' needs while maintaining our schedule and budget.

As was taught at RRC Polytech and by my early supervisors, communication has been by far the most valuable skill I have continuously used and developed to ensure success in this.

How do you like to spend your time outside of work?

My time outside of work is filled up with raising and spending time with my two-year old daughter, as many with children I know, This doesn't leave much time for anything else.

Before she was born (and I'm sure some time in the future) I enjoy spending time working on projects at home, working in the yard, or fixing up old tools and equipment.

Ellmar Construction

This company was built on two pillars: professionalism and people. Their leadership brings deep expertise in finance, property management and heavy construction.

Their mission is to take the stress out of projects through reliable service, expert guidance and top-tier workmanship. They have built a skilled, professional team and equipped them with the tools to handle commercial and industrial projects throughout Winnipeg and surrounding areas.



How do you like to start your day?

During the week the day starts quite early. As long as I have a chance to have a quick cup of coffee, that's more than good enough for me to start the day right.



How do you like to end your day?

Once I get home, I will usually cook supper then spend the evening with the family.

What's one thing you're learning now or learned recently?

One of the newest things I've been learning is how effectively to train and teach junior staff reporting to me. While I have had roles where I would help colleagues learn tasks or methods I am familiar with, it is uniquely different to be working with someone to develop skills and competency when they have newly entered the discipline.



PRICE INSTITUTE OF
ADVANCED MANUFACTURING
AND MECHATRONICS

Unlocking Industry 4.0 Skills for Manitoba Technicians

PART-TIME PROGRAMS

Advanced Manufacturing

Master the future of digital technologies and Industry 4.0 to propel your career. Develop cutting-edge skills to harness manufacturing technology and shape the next generation of industrial processes and products.

- Post-graduate diploma
- Online hybrid delivery

rrc.ca/ama

Mechatronics

Design your future in technology with practical training in Manitoba's first mechatronics program. Gain expertise in robotics, automation and sustainable mechatronic systems for a dynamic career path.

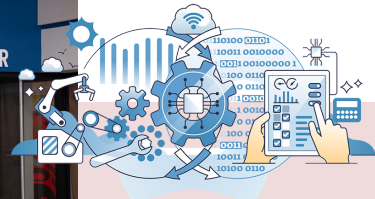
- Post-graduate diploma
- Online hybrid delivery

rrc.ca/mec



New Centre for Automation and Manufacturing Technology Transfer to bring innovation ideas to life

The hub is designed by RRC Polytech to connect business and industry with applied research, innovation, technology transfer and talent.



The centre officially opened in October is the first of its kind in Manitoba. This new working space connects faculty, students and partners anywhere in the world.

As governments, industry and academia work collectively to strengthen Canada's economy, RRC Polytech's Price Institute of Advanced Manufacturing and Mechatronics is proud to launch the new Centre for Automation and Manufacturing Technology Transfer (CAMTT) — a vital solution designed to drive technology adoption across the sector while training the workforce of tomorrow.

Serving as a hub to connect business and industry with applied research, innovation, technology transfer and talent, CAMTT will strengthen our workforce and economy by helping small and medium-scale enterprises in Manitoba address productivity through automation, artificial intelligence, robotics and mechatronics.

By leading collaborative projects as they upskill and reskill in their careers, students at the Price Institute will gain valuable experience solving real-world challenges.

Working cooperatively together

"CAMTT is a collaborative workspace where industry and academic partners can work together to bridge gaps by accelerating the acquisition and adoption of existing and emerging technology," says Fred Meier, President and CEO, RRC Polytech.

"Our students will not only hone their skills by leading applied research projects — their insight, energy and expertise will lead to innovative solutions that support Manitoba businesses in today's competitive global market."

CAMTT is the first of its kind in Manitoba, with a new working space that can connect faculty, students and partners anywhere in the world. Manufacturers-in-residence will effectively guide teams dedicated to each venture as they experiment to perfect new concepts and processes under a shared vision.

An initial success story is already in use on the production line of a local manufacturing leader, and the namesake of the Price Institute. In CAMTT's inaugural project, a student-led team worked with the Price Industries' Electronics division to automate a time-consuming manual inspection process.

Together, they created a trainable automatic vision system that combines hardware with a camera to capture images of printed circuit boards with trainable software that uses AI to predict and validate whether they pass quality control and quality assurance metrics of production.

"The students did a great job to get a working test fixture completed, tested accurately and deployed into our production line," says Mike Nicholson, C.E.T. General Manager, Price Electronics. "We look forward to our next project at CAMTT as we continue integrating components that optimize cost, time, quality and efficiency."

Partners can expect extensive cost-effective collaborative projects that leverage all of RRC Polytech's research facilities and resources — including funding through the Digital Technology Transformation Initiative — and that are positioned for success by maximizing emerging technologies, state-of-the-art equipment and outside-the-box thinking to tackle specific challenges.

"CAMTT takes an interdisciplinary approach to system, product and solution development helping manufacturers harness emerging technology to reduce their labor market challenges, while training their future workforce," says Dr. Vikram Banthia, Director of RRC Polytech's Price Institute of Advanced Manufacturing and Mechatronics.



Male researcher demonstrates manufacturing processes at RRC Polytech's CAMTT.



Power up potential: wind turbine competition

Ready. Set. Spin.

The 17th annual model wind turbine competition was held on October 29 at RRC Polytech. Ten teams of grade nine and ten students from five high schools participated. Congratulations to all who participated.

Skills Canada (Manitoba) together with CTTAM and RRC Polytech, hosted the event, provided the turbine kits and volunteered. Students were given a specific set of materials to work with and used their skills and ingenuity to design and construction a working model wind turbine.

Competition results

Highest voltage award — Sponsored by RRC Polytech



Tec Voc's Swashbucklers team with Instructor, Leanne Romaniuk.

Best construction award — Sponsored by CTTAM



Miles Mac Green team

Best design award — Sponsored by Skills Manitoba



Sisler High School's Art of the Spart team

Volunteer judges and advisors

Larry Drebniski and a former RRC Polytech staff member created this fun event back in 2008. A special thank you to registrants Larry and **Kurt Jakob**, who acted as technical advisors and provided guidance and advice to the students.

Shannon Nordal, CTTAM President and Kurt judged and awarded the winners in the design and construction categories. Kurt also looked after the timing and wind speed for the testing. Thank you to our volunteers for supporting and promoting CTTAM to possible future registrants.

RRC Polytech's **Vern Nelson** handled the technical side of the competition and **Randy Cameron**, Electrical Engineering Technology Chair, RRC Polytech, supervised the testing of the model wind turbines. Their technical support and encouragement was appreciated by students, volunteers and advisors.

Continued on page 13.



Registrant news

2025 Model Wind Turbine Competition

Continued from page 12.

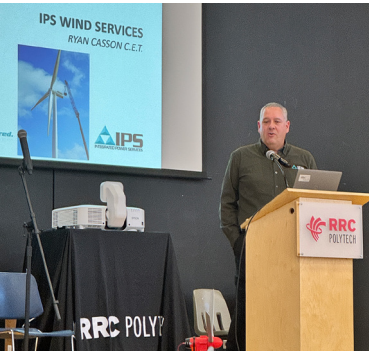
Power up potential: wind turbine competition

Expertise shared

Guest speaker, **Ryan Casson**, C.E.T., spoke about the exciting and challenging field of the maintenance and repair of wind turbines.



Ryan is employed by Integrated Power Services (IPS). Specialized training is provided to technicians and technologists who maintain and repair damaged wind turbine components in the field. For those technicians and technologists who enjoy the excitement of working around 300 feet above the ground, this job is for you.

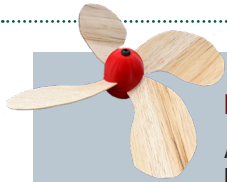


IPS technicians and technologists travel throughout Canada as well as internationally to repair wind turbines. Find out more about **IPS**.

Thank you to Ryan for taking time to speak about the exciting profession of wind turbine repair.

About Skills Canada (Manitoba)

Skills Canada (Manitoba) engage organizations to promote skilled trade and technology careers to youth, parents, career seekers and the public. This year's event was a success because of the many volunteers and the support from Lori and Anastasia from Skills Canada (Manitoba) for coordinating the fun day.



Innovative design

A new 3D hub was created by **Vern Nelson**. The new design allowed the students to attach the balsa wood turbine blades to the hub without the use of glue. They had the option of using four or eight blades and could easily attach them to the hub by tightening or loosening a screw. Thank you again for Vern using exciting 3D technology to build the new hubs.



Continued on page 14.

Power up potential: wind turbine competition



Model wind turbine competition background

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

Teams of four students design and construct a working model wind turbine. The students are given specific materials to construct the wind turbine and have approximately two hours of building time. The model wind turbine needs to be solidly constructed and able to generate electrical power, which will be measured. Wind simulation will be created by a fan situated at a measured distance from the wind turbine being tested.

Model wind turbines are judged in three categories: design; construction and voltage-generating capacity.

Each wind turbine design and construction is judged by a panel of expert judges.

Three trophies are awarded—one for each category.

Thank you to all of the students whose skills, determination and competitive drive were clearly demonstrated throughout the day. Our volunteers continue to step-up to not only drive the success of this event but possibly guide and inspire young students into future technology and applied sciences careers.



It's time to renew your registration

Your annual dues payment needs to be done by December 31

In October your dues invoice was posted to your online account on our website. Payment is required in order to keep your registration valid.

There are several important renewal payment deadlines to keep in mind. Payment is easy though. You can pay online in your *registrant profile* by credit card or you can send an e-transfer to admin@cttam.com. If you settle your dues account before the end of the year you will avoid any late fees or having your CTTAM certification cancelled.

Certified registrant dues payment time line

2025 deadline

December 31 Dues renewal deadline

If dues aren't renewed by deadline

January 1	90 day notice reminder
February 1	Late fee assessed in addition to the registration fee
February 15	45 day notice reminder
March 1	Final notice mailed
March 31	Last day to pay registration fee
April 1	Certification cancelled and you are no longer a certified registrant

Did you know?

According to our 2025 Salary Survey, 66% of the survey respondents' dues are paid by their employer.



Connecting with students

We were there at RRC Polytech's career fair

More than 500 students attended the Skilled Trades and Technology Career Fair held on November 5 and 24 at RRC Polytech at their Notre Dame Campus.

Students from all technical programs attended on November 5 with those students from the Architectural and Civil Engineering programs attending on November 24.

Students were able to talk with representatives from many industry professionals in attendance regarding career paths and job opportunities.

Thank you to Lauren Gluck, Deputy Registrar, who shared how our certification adds value and how we support our registrants.

Student membership matters

A majority of employers now ask for CTTAM certification or being eligible for certification with CTTAM as a condition of employment.

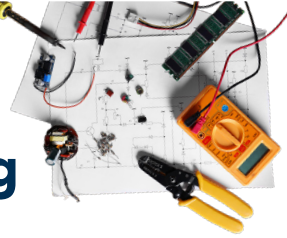
Signing up now as a student member means application fees are waived for those graduates who were active student members with CTTAM once they have earned the required two years of relevant work experience.

Graduates are credited with 50% of their co-op work experience towards the two years of required relevant work experience for certification. The bonus is that our student membership is free.

Click on the link to find out more about our different levels of certification and how certification can benefit technology professionals.



Celebrating 60 years of electrical engineering



RRC Polytech held a homecoming event in November to honour more than half a century of excellence in electrical engineering education at the institution.

2025 marks more than half a century of excellence in electrical engineering education at RRC Polytech. To celebrate this incredible milestone, RRC Polytech's electrical engineering community members were invited to the event on November 6 at their Notre Dame Campus.

The event also honoured Emmy-award winning Broadcast Technician, Tessa Potter, as the recipient of RRC Polytech's 2025 *Distinguished Graduate Award* at the Homecoming. CTTAM was a title sponsor of this event and had several registrants in attendance.

Celebrating a distinguished grad

(Article and photos courtesy of RRC Polytech)

The RRC Polytech *Distinguished Graduate Award* recognizes the outstanding personal and professional achievements of RRC Polytech's most accomplished alumni.

This year's recipient is Electronic Engineering Technology graduate Tessa Potter, who completed her studies in 2000. Since then, she's worked as a Broadcast Technician in television, radio and live sports — a behind-the-camera role that has allowed her to travel the globe to work on world-class events like the FIFA World Cup and the Olympics.

She has received two Emmy awards for her work broadcasting the Olympics, one for the Beijing Winter Games (2022), and one for the Paris Summer Games (2024). She is heading to Italy next February for her fourth Olympic Games.

Here in Winnipeg, Potter works as Truth North Sports + Entertainment's Broadcast Liaison, serving home and visiting broadcast teams. She is also a Broadcast Technician for SBL Engineering, where she monitors and maintains transmitters for radio and television clients in Manitoba, and is a subject matter expert for complex radio frequency issues and repairs.

Potter is a phenomenal advocate for the field of broadcast engineering, focusing much of her spare time on mentoring and inspiring students.

She's the current (and first female) president of WABE, the Western Association of Broadcast Engineers, where she not only advocates for the industry, but also for

women and diversity in the sector. One of her main goals as president of WABE has been to promote the industry and the career opportunities it provides to current and prospective students.

Through her work at True North Sports + Entertainment, she mentors students and interns who cycle through the broadcasting department, helping them find their footing and — hopefully — a passion for this work.

Potter shared words of inspiration with RRC Polytech's graduating class of 2022 at Spring Convocation as the alumni guest speaker, describing her education at RRC Polytech as the following: "My diploma in Electronic Engineering Technology at RRC Polytech was like a cypher. A tool that over the years has allowed me to decode a whole industry. Whatever flavour of the industry I uncovered — broadcasting, media technology or live sports — would not have been possible without the lens of my education helping to bring it into focus."

More information on RRC Polytech's Electrical Engineering Technology program can be found on their [website](#).



Event attendees included CTTAM President, Shannon Nordal, C.E.T. Shannon is in the middle, second from the right is Matthew Crockett, C.E.T., Chair, CTTAM's Leadership & Development Committee.



Attending the celebration were several RRC Polytech students and alumni. In the middle is Matthew Crockett, C.E.T. — CTTAM Leadership & Development Committee Chair.



RRC Polytech's President and CEO, Fred Meier, handing Tessa Potter the Distinguished Graduate Award for 2025.

Winter day-session courses offered by RRC Polytech

Upgrade your skills today!

RRC Polytech's *Technology Solutions for the Workplace* program offers several short courses, workshops and seminars to provide academic and professional development. Courses are delivered online and during the daytime. Details can be found on their [website](#).

Water and Wastewater Foundations

(Course code: WATR-1007 and ID 274635)

Jan. 5-15, 2026 Fee: \$1,085 Registration deadline: December 23

This introductory course covers the foundational skills and knowledge operators require for success when writing ABC certification exams.

Water Treatment II

(Course code: WATR-2032 and ID 274636)

Jan. 12-21, 2026 Fee: \$902 Registration Deadline: Jan. 5, 2026

This course is intended for operator training and/or as preparation for the Manitoba Water Treatment Class II Certification Exam.

Wastewater Treatment II

(Course code: WATR-2031 and ID 279344)

March 2-11, 2026 Fee: \$902 Registration deadline: Feb. 20, 2026

This course is intended for operator training and/or as preparation for the Manitoba Wastewater Treatment Class II Certification Exam.

Part 9 HVAC

(Course code: CODE-1022 and ID: 279905)

Jan. 12-22, 2026 Fee: \$949 Registration deadline: Jan. 5, 2026

Upon successful completion of the Part 9 HVAC course AND exam, students will receive their RV9.32 Certification.

Part 9 HVAC Exam

(Course code: CODE-1023 and ID: 279907)

Jan. 23, 2026 Fee: \$200 Registration Deadline: Jan. 5, 2026

Note: Upon successful completion of the Part 9 HVAC course AND exam, students will receive their RV9.32 Certification.

Part 9 Plumbing Code

(Course code: CODE-1012 and ID: 278876)

Feb. 9 to Mar. 13 Fee: \$830 Registration deadline: Jan. 30, 2026

This course combines online learning and live Microsoft Teams sessions with an instructor. This course contains approximately 40 hours of course work.

Part 9 Plumbing Code Exam

(Course code: CODE-1013 and ID: 278877)

March 19, 2026 Fee: \$200 Registration deadline: Mar 6, 2026

The exam will be available online. Exams are only required for those participants who are using the course for Manitoba Building Officials' Association Certification as CBCO or BCQ.

Part 9 The House

(Course code: CODE-1008 and ID: 278878)

Mar 30 to May 1, 2026 Fee: \$830 Registration deadline: Mar. 20, 2026

Prerequisite: Introduction to the Manitoba Construction Codes
This course has been designed to enhance the knowledge of Existing Code Practitioners and those who wish to improve their competence in the practice of interpretation and implementation of the principles of the Manitoba Building Code with respect to houses.



The Manitoba Technologist

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CTTAM office

870 Pembina Hwy (2nd floor)
Winnipeg, MB R3M 2M7
204-784-1088
admin@cttam.com

Office hours

Our office is open from 8 am to 4 pm, Monday to Friday

Note: Appointments are required to meet CTTAM staff in person

CTTAM staff

Robert Okabe, C.E.T., FEC (Hon.), IntET (Canada)
CEO and Registrar

Marian Parreno

Registration Program Coordinator

Lauren Gluck

Deputy Registrar/
Registration Inquiries

Continue to learn and develop through CPD activities

Deadline is December 31 to record your CPD

Chances are you have already done tasks that qualify. The time is now to make it formal and record them within your *Registrant Profile*.

Your CPD

If you are CTTAM certified, you need to undertake Continuing Professional Development (CPD) tasks on a continuing basis. You made this commitment when you certified with CTTAM.

It's so easy

CPD isn't just going to courses and doing projects. It can be as simple as reading a work-related manual, watching a video or on-the-job training. On January 1 of each calendar year, you can begin to build and record your CPD activities.

Registrants just need to complete **two activities** from the four types of professional development categories over a one-year cycle to maintain their registration. CPD activity reports must be submitted online on our website, by logging into your *Registrant Profile*.

It pays to do CPD — draw winners These registrants got it done and won!

A random draw was held for those registrants who completed their CPD by November 31. Congratulations to the following registrants who will each be receiving a \$100 e-transfer:

Kyle William Borkofsky, C.E.T.
Erin M. Anseeuw, C.E.T.

More information such as the qualifying CPD activities, how to report and any questions can be found in our *CPD guide* and *FAQs* on our website's **CPD page**.

If you have any questions on your CPD, please contact our Deputy Registrar, Lauren Gluck, at lgluck@cttam.com.



Reporting tips and information

- Make sure you are using the right browser to login into our website to report your CPD — current versions of Chrome and/or Firefox browsers.
- **Internet Explorer will not work for reporting your CPD progress.**

- Review the main activity categories listed below. You are probably already doing tasks that qualify for CPD credits.
- Other provincial engineering and applied science technology regulators require CPD reporting and will insist on CPD completion for inter-provincial mobility.
- All certified CTTAM members are required to report CPD. **December 31** is the reporting deadline date.
- Note: You must enter two or more CPD activities in order to correctly submit/save your CPD records. Just make sure you have two activities ready to report before you login. If you haven't reported two activities in two different categories and you try to submit your CPD, you will receive an error message.

CPD categories and activities Formal activities

- Seminars (more than four hours);
- Structured courses;
- Technical training and
- Technical education programs

Examples: Employer provided courses and on-the-job technical training.

Informal activities

- Workshops (less than four hours);
- On-the-job training;
- Reading technical journals and
- Learning a technical application

Examples: Reading a technical manual and our Manitoba Technologist newsletter

Peer and professional interaction participation

- Mentor or be mentored;
- Demonstrate a technical application to colleagues;
- Learn a technical application from colleagues and
- Be involved with your profession

Examples: Training co-workers and participating as an instructor in a webinar/seminar.

Contributions to the profession

- Present research;
- Volunteer in the workplace or community and
- Write technical articles and papers

Examples: Writing a technical report/paper; volunteer on a CTTAM committee and/or as a program auditor for TAC.



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CTTAM team runner-ups in Neat Week competition

Finalists presented and registered viewers voted for winners on November 25

National Capstone Competition winners announced

Two outstanding finalists — one representing CTTAM and the other from the Ontario Association of Certified Engineering Technicians and Technologists (OACETT) — presented their innovative capstone projects in a dynamic webinar on Tuesday, November 25. Their cutting-edge ideas highlight the exciting and promising future of engineering technology and applied science.

You voted and the winners are...

The 2025 National Capstone Competition winners are Seneca Polytechnic — School of Electronics and Mechanical Engineering Technology students, **Adam Beik** and **Sam Davis**. Congratulations to them and to the other national finalists, RRC Polytech's **Phoemela Miranda, Mina Mattner** and **Karl Monsalud**.

The winning project entry featured the *Screenspeeder Wireless Web Controller for the Visually Impaired*.

Thank you to everyone who participated, voted and supported this year's NEAT Week Capstone Competitions. More on the competition can be found on OACETT's [website](#).

Congratulations

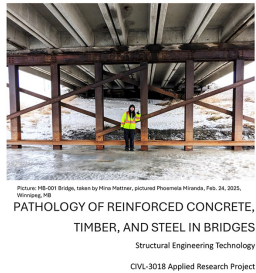


CTTAM's National Capstone Competition finalists

Congratulations to CTTAM student members and RRC Polytech students, Phoemela Miranda, Mina Mattner and Karl Monsalud who were finalists in the Neat Week National Capstone Competition. They are enrolled in RRC Polytech's Structural Engineering Technology diploma program.

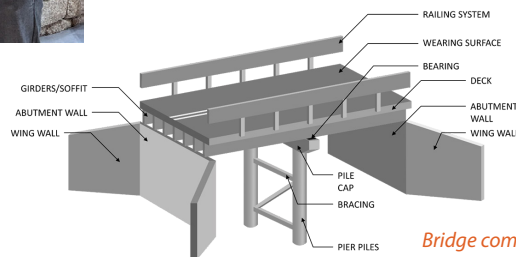
Their report, *Pathology of Reinforced Concrete, Timber and Steel in Bridges*, discusses the science behind the materials used in bridge construction and the importance of knowing how these materials can deteriorate.

These students were featured in *Issue 4 of the Manitoba Technologist*. [Click here](#) to read more about them and their work. (PDF file)



GROUP MEMBERS
Mina Mattner (0381249)
Phoemela Miranda (038547)
Karl Monsalud (038529)

INSTRUCTOR
Marion Oliveira
DUE DATE
Apr. 13, 2025



Bridge component diagram by Mina Mattner.

Canada to leave Sydney and Dublin Accords

Changes coming in how international applicants apply for registration

Background

Technology Professionals Canada (TPC) and Technology Accreditation Canada (TAC), representing their provincial member organizations which includes CTTAM, announced on October 25, 2025, Canada's formal withdrawal from the International Engineering Alliance's (IEA) Sydney and Dublin Accords, effective December 31, 2026.

This decision follows a comprehensive review by TPC of the relevance and impact of these international agreements on the Canadian engineering and applied science technology profession. Over the years, TPC has observed that internationally educated professionals seldom seek registration through the pathways offered by the Sydney and Dublin Accords. While the Sydney and Dublin Accords provide mechanisms for global recognition

of academic credentials, the persistently limited uptake suggests that international credential alignment through these agreements is not a priority for most professionals entering and working within Canada's employment landscape.

The full news release can be viewed [here](#). (PDF file)

The Sydney and Dublin Accords are international agreements that grant mutual recognition to the academic qualifications of engineering technologists (Sydney Accord) and engineering technicians (Dublin Accord) among signatory countries.



Student recognized with scholarship

Helping students realize their dreams

Purity Benito was recently awarded a CTTAM scholarship. Purity is enrolled in the Civil Technology program at Assiniboine College.

Congratulations to CTTAM scholarship recipient, Purity Benito from Assiniboine College.

Purity is enrolled in the Civil Technology two-year diploma program at the College. This program provides graduates with the skills to carry out higher-level design and technical functions related to a broad range of civil engineering fields including structural, municipal, highway and transportation engineering, and water and drainage resources.



CTTAM scholarship winner Purity Benito. Purity is a student at ACC in their Civil Technology program.

Overview

As members of a multidisciplinary team, graduates facilitate the interaction among a range of project stakeholders to contribute to the accomplishment of civil engineering project goals in accordance with project plans, workplace health and safety practices, sustainability practices and all applicable laws, codes, industry standards and ethical practices.

Civil engineering technologists provide technical support and services to scientists, engineers and other professionals, or may work independently in fields such as structural engineering, municipal engineering, construction design and supervision, highways and transportation engineering, water resources engineering, geotechnical engineering and environmental protection.

Graduates work in a range of employment settings including consulting engineering, civil construction and surveying firms, quality control facilities and municipal government engineering or operations departments.

Congratulations to Purity!



Assiniboine College

Assiniboine College (ACC) is a post-secondary institution known for its *Learn by Doing* approach, offering over 75 hands-on certificate, diploma and post-graduate programs in fields like business, health, trades, culinary and agriculture. They have main campuses in Brandon, Dauphin, and Winnipeg. ACC connects students directly with industry through work placements, practicums and projects, ensuring practical skills for career readiness in a supportive, low student-teacher ratio environment. More information on this program and the College can be found on their [website](#).



Holiday office hours

Please note that our office will be closed from noon on Wednesday, December 24 to Thursday, January 1, 2026.

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