

THE MANITOBA TECHNOLOGIST

Certified Technicians and Technologists Association of Manitoba



View
the cover

SHANNON NORDAL,
C.E.T., PRESENTS
ACEC-MB AWARD

PAGE 6

CTTAM's Small Project Award winner, Animakee Wa Zhing,
Windigo Island Admin Building—SMS Engineering (Excellence).

Registrant profile

Grant Nicol, C.E.T.

Page 10

Registrant profile

Yuliya Danilova, C.E.T.

Page 15

Bursary awarded

Congrats to Isaak Becker

Page 19



TD Insurance
Meloche Monnex

**Ready
for you**



**Certified Technicians
and Technologists
Association of
Manitoba members,
feel confident with
preferred rates from
TD Insurance.**

You could save with rates on
home, condo and tenant's
insurance.



Get a quote and see how much you could save!

**Go to tdinsurance.com/cttam
Or call 1-866-269-1371**



The TD Insurance Meloche Monnex home and auto insurance program is underwritten by Security National Insurance Company and distributed in Quebec by Meloche Monnex Insurance and Financial Services Inc., Damage Insurance Agency, and in the rest of Canada by TD Insurance Direct Agency Inc. Our address: 50 Place Cr  mazie, 12th Floor, Montr  al, Qu  bec H2P 1B6. Due to provincial legislation, this car and recreational insurance program is not offered in British Columbia, Manitoba or Saskatchewan.   The TD logo and other trademarks are the property of The Toronto-Dominion Bank or its subsidiaries.

7731-1219



CTTAM update

- 4 President's message**
Cheers to summer
- 5 CEO and Registrar's message**
At the forefront
- 6 ACEC Manitoba celebrates**
- 7 Check out our new registrants**
Congratulations and welcome to our recently certified

Next chapter begins

NBSCETT's Ed Leslie, CEO, announces his retirement

Registrant news

- 9 Photo contest — Calling all photographers**
Show us your workplace as seen through your camera lens
- 10 Registrant profile — Grant Nicol, C.E.T.**
- 15 Registrant profile — Yuliya Danilova, C.E.T.**
- 17 President-Elect, Bernardo Pasco, EIT, C.E.T., CMMA, CAMP**
Students' bots battle at games
Annual youth robotics competition recently held
- 19 Bursary awarded**
Helping students achieve their academic goals

Inspiring future professionals

Gathering guides young women to possible careers in technology

- 21 Networking event provides career edge**
Registrants got to know one another plus share ideas and resources

We were there

Our President, CEO/Registrar and registrants attended recent industry events

Industry connections

- 11 TD Insurance for Business — Strategic partner feature**
Insurance service recently celebrated its two year anniversary

Excellence on the fairways

Annual golf tournament

The insider

- 8 Honouring our long-term registrants**
- 16 Home electronics — 100 years ago**
Registrant article, written by Larry Drebniski, C.E.T.
- Your certification matters**
Our titles signify your commitment to your profession
- 18 Major changes adopted in 1977**
Two-level certification was implemented along with a code of ethics
- Pride in certification**
Our ring showcases your career achievements

In every issue

- 2 TD Insurance**
- 6 Our strategic partners**
Building on our industry connections
- 9 Investing in the future**
RRC Polytech's endowment program
- 10 Our Board of Directors**
Thank you for all you do!
- 20 ARTA**
- 22 Manulife**



Cheers to summer



**Shannon Nordal, C.E.T.,
CTTAM President**

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.

As the calendar turns to summer I'm reminded that this season carries its own kind of momentum. It's not just the longer days or the hum of construction sites and projects getting to work, it's the collective energy that comes with project work, people reconnecting and recharging.

Since stepping into this role, I've had the chance to meet registrants who are solving real-world problems in creative ways — whether directly on job sites or behind the scenes through research, planning and development. What stands out isn't just the technical expertise, but the drive to make a meaningful impact. That's the spirit I want to highlight as we move through the summer together.

I am also pleased to announce Bernardo Pasco as President-Elect. Bernardo currently sits on the Board of Directors and brings a wealth of knowledge, experience and passion to the role. Flip to page 17 to learn more about Bernardo. ↗

Talking nationally, acting locally

This spring, I had an opportunity to sit down with provincial technical leaders from across the country. While each province has its own challenges, there's a shared recognition that we're stronger when we work together.

Nationally we're committed to working toward a standard that respects regional diversity while setting a clear path forward for advocacy, recognition, mobility and consistency.

Stayed tuned for further communication and opportunities to engage with CTTAM in the following months.

Caution: workers ahead

Summer is a demanding season across many sectors, and the work of our registrants is critical to maintaining and improving both our natural and constructed environments.

It's also a time when students— many of them new to the workforce— join these efforts. They often take on roles in unfamiliar or high-risk settings like working on roadsides or at heights. If you encounter these workers at any point, remember they aren't delays to your destination — they are the people helping build it. A little patience on the



road makes a big difference and helps everyone get home, or back to classes, safely.

If you are working with students this summer, thank you!

Your workplace guidance and mentorship help create invaluable experience that the students can carry with them for a lifetime.

If you are an employer who would like to explore working with RRC Polytech students please email WIL@rrc.ca or visit RRC Polytech's [work-integrated learning page](#) to learn more.

Wishing everyone a safe and enjoyable summer.

Shannon

**Shannon Nordal, C.E.T.
CTTAM President**



At the forefront

As workers in the technology and applied sciences fields, we play an important role in preparing for and responding to natural disasters. Whether it's wildfires, floods or heatwaves, the heightened pace of climate change demands that we as professionals adapt and innovate in productive and positive ways.

The changing landscape of natural disasters

Warmer weather has worsened many types of natural disasters, especially those related to extreme heat, flooding and storms.

For instance:

- **Wildfires:** Hotter, drier conditions have led to longer fire seasons and more intense wildfires as we have and are currently experiencing in our province. These fires can destroy and uproot entire communities as we have recently seen, causing millions of dollars in damage, financial hardships and health risks;
- **Heatwaves:** Rising temperatures have caused more frequent and severe heatwaves, which can have devastating health effects, particularly on vulnerable populations like the elderly and those with pre-existing medical conditions and
- **Flooding:** Warmer temperatures can result in more intense rainfall, leading to widespread flooding. Low-lying areas are especially at risk due to rising waterway levels and stronger storms.

Responses

As natural disasters evolve, so too must the tools and technologies we use to mitigate their impact. Our fields of expertise are increasingly turning to cutting-edge innovations to address the challenges posed by these climate-driven events.

Disaster response and recovery technology

These technologies can help in various stages of disaster response:

- **Responsive companies:** Our places of employment must be able to adjust quickly to new technologies, safety regulations, make timely decisions while meeting or exceeding their clients' needs;
- **Drones and remote sensing:** Drones equipped with high-resolution cameras and sensors can provide aerial views of disaster-affected areas. They help in mapping damage, assessing infrastructure and locating survivors, well lowering the risks to firefighters/first responders and the public and



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.



- **Smart infrastructure:** Internet of Things devices are increasingly used to monitor infrastructure in real-time, such as bridges, dams and power lines. When extreme weather conditions approach, these devices can send alerts to prevent catastrophic failures.

Collaboration and know-how will always be at the heart of disaster management.

Thank you to our registrants who work with all kinds of professionals to prevent, mitigate or rebuild after natural disasters.

Be prepared



Your workplaces will have disaster-readiness plans, but you ought to also have a personal evacuation plan in case of emergencies that you practice and communicate with family. All of us should have a grab-and-go bag ready with stocked essentials such as water, non-perishable food, first-aid supplies, other supplies (flashlights, extra batteries, cash, phone chargers, medications) and important documents. If you have pets also have food and suitable crates/cages for travel. More details on how to prepare can be found on the Government of Canada's emergency preparedness [website](#).

Supporting the best

Over the last couple of months, we have attended networking events and celebrations that support our registrants and colleagues as they are honoured for their excellence, their hard work and their support of our association and our professions. This issue highlights several registrants who have excelled in their work.

Time to think about CPD

Summer may be a quieter time to give some thought to completing early your mandatory Continuing Professional Development (CPD) training. As professionals we are required to complete yearly CPD activities to maintain our qualifications, enhance our skills and stay updated with developments in our fields. It's a key part of ensuring that we remain competent and up to date with the latest knowledge and best practices. Let's get it done before the end of summer.

Happy summer! Hope everyone is enjoying the season.

Don't forget to shoot some images at work or in your travels and enter our photo contest. Details on our contest are on page 9. Your work could be featured in an upcoming newsletter.

We were there

ACEC Manitoba celebrates

Their gala acknowledges excellence in consulting engineering

The 46th Annual Association of Consulting Engineering Companies Manitoba Awards of Excellence was held on Thursday, April 24, 2025. The association is the voice of consulting engineering companies in Manitoba, representing over 1,700 members.

The event honours the impact and innovative projects produced by member firms from the Association of Consulting Engineering Companies Manitoba (ACEC-MB). The companies deliver work that provides long-term benefits to clients, industries and communities across Manitoba. ACEC-MB advocates for the business interests of consulting engineers in Manitoba and promotes the benefits of engineering.



ASSOCIATION OF CONSULTING
ENGINEERING COMPANIES
MANITOBA

Strong partnership

We partner with ACEC-MB through our active support of their mentorship program, connecting engineering and technology students with industry professionals. We also collaborate on events and initiatives to promote engineering and technology professions. Both organizations recognize the value of strong relationships and collaboration to advance the profession and support the development of future technologist and engineers.



Event photos (Courtesy of Julie Remillard.)



CTTAM's President, Shannon Nordal, C.E.T., presented the CTTAM Small Project Award to Animakee Wa Zhing, Windigo Island Admin Building—SMS Engineering (Excellence).



CTTAM's President, Shannon Nordal, C.E.T. with President Elect, Bernardo Pasco, C.E.T.

Congratulations to all the award recipients. To learn more about ACEC-MB, please visit their [website](#).

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 technicians and technologists.



TD Insurance



Inspections and
Technical Services



Check out our new registrants

Congratulations and welcome to our recently certified



Being certified earns our registrants the right to use one of two titles, Certified Engineering Technologist (C.E.T.) or Certified Technician (C. Tech.). Our professional registrants are highly attractive to employers and are recognized for their solid training and expertise. 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.

Technologists

Abheyjit Singh, C.E.T.
Adrian Flores Cepeda, C.E.T.
Cayden Brown, C.E.T.
Christopher Bennett, C.E.T.
Christopher Kowalchuk, C.E.T.

Dilpreet Singh, C.E.T.
(Luis) Filipe Fernandes, C.E.T.
Gagandeep Singh, C.E.T.
Gerard Lagman, C.E.T.
Imammalik Abdulmalik, C.E.T.
Jack Campbell, C.E.T.
Kevin Crooks, C.E.T.
Kurtis Mikoliew, C.E.T.
Lord Gerald Delgado, C.E.T.

Hatch Ltd.
 Russell Redi Mix
 TTES Consulting
 City of Winnipeg
 Kowalchuk Consulting
 Engineers Ltd.
 KGS Group

WSP Canada
 Province of Manitoba
 Matix Lumber
 AECOM
 Government of Manitoba
 City of Winnipeg
 Thorpe Construction

Mark Molchan, C.E.T.
Meet Thakar, C.E.T.
Michael Austin Pascua, C.E.T.

Nikkikumar Patel, C.E.T.

Random Vandal, C.E.T.
Retyce Amoussou, C.E.T.

Ryan Meisner, C.E.T.
Simran Kaur, C.E.T.

Vadim Sherbaty Shcherbaty, C.E.T.

Dillon Consulting Ltd.
 Celco Automation
 Magellan Aerospace
 Winnipeg
 Masterbrand Cabinets,
 LLC.
 StandardAero
 Nihon Suiko Sekkei
 Co. Ltd.
 Manitoba Hydro
 SLR Consulting
 (Canada) Ltd.
 City of Winnipeg

Technicians

Alberto Bathan, C. Tech.
Daniel Nguimbock, C. Tech.
Johnel Janiero, C. Tech.

Price Industries
 Barnes and Duncan
 Solventum

Mina Shaker, C. Tech.
Navid Amrollahinejad, C. Tech.
Oluwale Olaleye, C. Tech.

Self-employed
 Tempeff
 Rogers Communications

Next chapter begins

NBSCETT's Ed Leslie, CEO, announces his retirement



From l to r: NBSCETT's Ed Leslie with
 CTTAM's Robert Okabe, C.E.T., FEC
 (Hon.), IntET (Canada).

Congratulations to Ed Leslie, CEO Emeritus, who recently retired from our sister association the New Brunswick Society of Certified Engineering Technicians and Technologists (NBSCETT).

Ed held this position from February 1991 until his recent retirement. He also served as the President of the Board for Skills/Competence Canada — New Brunswick from 1996 to October 2016, previously known as the New Brunswick Labour Force Development Board.

He is also known for his involvement with ExploreMyFuture.com and his work with various provincial and federal

advisory boards. In April 2005, he was granted the title of Professional Technologist (PTech) by the Society, making him the first Canadian to receive this honorary designation.

He was also a member of the Canadian Society of Association Executives.

We wish Ed all the best as he experiences new adventures.



Honouring our ^{long-term} registrants

Our long-term registrant pin awards recognize individuals for their extended commitment to our organization and the value they bring to their profession.



50 years recipients

Alfred F. Blaich, C. Tech.
Gerald J. Wojnarski, C.E.T.
Gordon T. Kendall, C.E.T.

L. Brent Amy, C.E.T.
Leslie F. Howard, C. Tech.

Peter Woloschiniwsky, C.E.T.
Jordan V. Morgan, C.E.T.



40 years recipients

Allan R. Boyd, C.E.T.
David J. Woodman, C. Tech.
Don Reid, C.E.T.
Doug J. Dyck, C.E.T.
Gordon R. Friesen, C.E.T.
Harold E. Jugandi, C.E.T.
Joe Taferner, C.E.T.

Jon O. Phillips, C.E.T.
Mark D. Waschuk, C.E.T.
Neil H. Klassen, C.E.T.
Richard H. Sarbiewski, C.E.T.
Richard Schwarz, C.E.T.
Robert J. Hinkelman, C.E.T.
Rock G. Jerome, C.E.T.

Ron Brako, C.E.T.
Ronald C. Marshall, C.E.T.
Scott Jackson, C.E.T.
Todd R. Srogen, C.E.T.
W. Mark Sansome, C.E.T.
Werner A. Hiebert, C.E.T.
Wolfgang Rolke, C.E.T.



35 years recipients

Aurele E. D. Delaurier, C.E.T.
Barry F. Dickson, C.E.T.
Bradley J. Masiowski, C.E.T.
Dale W. De'Ath, C.E.T.
Daniel Deleurme, C.E.T.
Daniel I. Doszpod, C. Tech.
Darrell G. Johnson, C.E.T.
Don P. Chubey, C.E.T.

Glen D. West, C.E.T.
James H. Ellison, C.E.T.
John W. Bagan, C.E.T.
Kelly J. Baziuk, C.E.T.
Kelly L. Woiden, C.E.T.
Marc D. Streifler, C.E.T.
Mark J. Townsley, C.E.T.

Michael J. Morin, C.E.T.
Nathalie C. Emond, C.E.T.
Randy N. Borsa, C. Tech.
Robert E. Boily, C.E.T.
Robert H. Kirchmann, C.E.T.
Robin P. Reader, C.E.T.
W. Kevin Zaharia, C.E.T.



25 years recipients

Alan J. Purdy, C.E.T.
Andre K. Hudon, C.E.T.
Anthony P. Gural, C.E.T.
Balwinder S. Gill, C.E.T.
Brent J. Kellett, C.E.T.
Bryan Ostash, C.E.T.
Carrie D. Strachan, C.E.T.
Clint M. Langan, C. Tech.
Colin J. Bidzinski, C.E.T.
Craig Finlay, C.E.T.
Dale B. Larocque, C.E.T.
Daniel S. Kozie, C.E.T.
Darryl S. Labiuk, C.E.T.
David I. Anderson, C.E.T.
David R. Makarenko, C. Tech.
Derk B. Nelson, C.E.T.
Eliseo Mones, C.E.T.

Erik D. Buus, C.E.T.
Gordon L. Chubey, C.E.T.
Grant D. Brown, C.E.T.
Henrique S. Neves, C. Tech.
Iain D.A. Pimlott, C. Tech.
Jason J. Loeppky, C.E.T.
Jeff Riet, C.E.T.
Jeff Smith, C.E.T.
Jimmy B. Flores, C. Tech.
Joie Cunanan, C.E.T.
Jon P. Derwin, C.E.T.
K. Duane Baker, C.E.T.
Karen A. Toews, C.E.T.
Kent P. Klippenstine, C.E.T.
Lindsay A. Stott, C.E.T.
Matthew Groenheide, C.E.T.
Michael J. Robb, C.E.T.

Michael Johannesson, C.E.T.
Michael S. Armstrong, C.E.T.
Mike Nicholson, C.E.T.
Nicholas K. Gulakow, C.E.T.
Nicholas Poitras, C.E.T.
Oscar S. McDougall, C.E.T.
Paul M. Bortoluzzi, C.E.T.
Roderick J. Halabicki, C. Tech.
Rodney A. Liebrecht, C.E.T.
Ronald B. Schreuders, C.E.T.
Ryan Casson, C.E.T.
Scott M. Willing, C.E.T.
Sean Lehmann, C.E.T.
Sebastien Lagasse, C.E.T.
Shelley L. Schapansky, C.E.T.
Steve J. Kosmac, C.E.T.
Steven Spry, C.E.T.



Thank you to all of our registrants for your continued support.

Photo contest

Calling all photographers

Show us your workplace as seen through your camera lens

Help us celebrate the diversity of your work and your skills as shown in your varied jobs and the places where you work by submitting your pictures. Your photographs may be featured as an upcoming newsletter cover, in other CTTAM publications and on our website.

We are looking for pictures that show your relationships between colleagues, clients, your work, technology and your work spaces.

We want to celebrate the large diversity of settings and places where you work. Our hope is to build a library of images which represent the disciplines in which you are employed. All images submitted will be considered for future use.

Share your photos, inspire us and other registrants.

It's easy to enter

- Take photos of where you work. You can include yourself in the photo or perhaps add your colleague(s);
- Submit photos by email to adminassistant@cttam.com;
- Submission deadline is no later than **midnight, July 30, 2025** and
- This contest is open to CTTAM registrants only.

Photo submission tips

Image quality

Ensure your images are well-lit, composed and free of distracting elements.

Storytelling

Think about what story your photograph tells and how it can be communicated effectively.

Creativity

Showcase your unique perspective and artistic vision.

Technical quality

Focus on sharpness, focus and proper exposure. Additional photo submission guidelines are found on our [website](#).

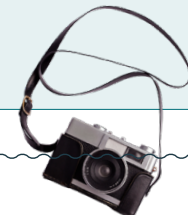
Original work

Make sure your photograph is original and not infringing on any copyright.

Judging

All photographs submitted will be reviewed by CTTAM. Photo winners will be selected by CTTAM representatives. All decisions of the judging panel are final.

We look forward to seeing your entries.



Investing in the future

RRC Polytech's endowment programs helps technology students reach their full potential



In 2024, CTTAM donated \$10,000 to the RRC Polytech's endowment fund for technology scholarships.

Donations welcome

CTTAM will graciously accept donations to the RRC Polytech endowment fund on our members behalf.

Program details

Endowments are the perfect vehicle to fund a scholarship, a bursary or an award.

Your gift can:

- Transform learning and research spaces;
- Enhance their student experience;
- Advance Indigenous achievement and
- Support a specific program area.



RRC POLYTECH

It's easy to donate

You retain the power to change your bequest at any time as your plans or financial circumstances change.

For more information, please contact Robert Okabe, CTTAM's CEO and Registrar, at 204-784-1080.

Also, more information on the College's endowment program can be found on their [website](#).

You will receive a receipt for the full amount of your gift.

Registrant profile

Grant Nicol, C.E.T.

- CTTAM registrant since 1999 and is a Life Member
- Grant has served as our President and also as a Director for the Canadian Council of Technicians and Technologists



Grant Nicol is a full-time college Faculty Researcher in the Communications Engineering Technology Program at Assiniboine College. Grant has actively contributed to the program's development and redevelopment, playing a role in designing and refining the courses he teaches. Assiniboine College has campuses in Brandon, in Dauphin, in Southpark and in Winnipeg.

What single project or task would you consider the most significant accomplishment in your career so far?

The one that stands out was a project where I was working under an experimental license from Industry Canada to launch trials in Winnipeg for the first licensed wireless internet service in North America.



This involved collaboration with a highly-skilled team of engineers from around the globe.

What is the most important part of your work?

I believe that the most important part of what I do is the transfer of knowledge to my students while inspiring and preparing them for a career in technology.

How would your friends and colleagues describe you?

I feel they would say that I am a devoted and adaptable instructor and strong analytical skills who

is passionate about delivering the highest quality of education possible.

What do you find most satisfying about your job?

Seeing the development and growth of students from day one to graduation and knowing you played a role is very satisfying.

I also enjoy opportunities to collaborate with other technologists either at the College or in industry.

What part of your work experience/job position did you find the most challenging?

It is always a challenge finding time to keep updated on new and emerging technology. The latest advancements in artificial intelligence are creating significant changes not only in every sector, but also reshaping education.

What has your work experience taught you about yourself?

You never done learning, always look to others for advice and different points of view, listen more than you talk, help where and when you can.

Accept both criticism and praise.

Although challenging and demanding at times, working in technology provides an exciting career, teaching provide a rewarding a career and being able to both has kept me motivated over the last 20 years.

Professional information

In addition to his teaching responsibilities, Grant serves as a coordinator and advisor for student applied research projects in the form of Capstone learning, devoting one day per week since 2010 to mentor and guide students. Since 2015, he has assumed the position of Faculty Advisor for Assiniboine's Student Chapter of the Certified Technicians and Technologists Association of Manitoba, offering valuable support and guidance to the student members.

Since 2010, Grant has held the role of Faculty Advisor for Assiniboine's Student Branch of the Institute of Electrical and Electronics Engineers. Grant's expertise extends beyond the classroom as he actively engages in consulting and collaboration on the college's applied research projects, with a particular focus on data communication and wireless systems.

Information courtesy of Assiniboine College.



Thank you Grant!

Grant was recently awarded a Life Membership for his ongoing support of CTTAM and for his efforts in building awareness and participation in the communications engineering technology field.



Strategic partner feature

TD Insurance for Business

Insurance service recently celebrated its two-year anniversary

Growth continues

Since launching TD Insurance for Business in March 2023, their Small Business Insurance (SBI) offering continues to be seen as an added value to business owners.



Thanks to their valued partners, they have added seven groups, resulting in a total of 61 Affinity Market Groups that now offer SBI as part of the TD Insurance programs available to their alumni and members.

In addition to the growth in SBI offerings, TD Insurance has expanded its range of Small Business Insurance products and coverage options to meet the unique needs of industries and professions across the nation.

They have also refined their industry parameters to offer more tailored protection, focusing on key areas that impact their clients the most.

They are here for you:

- Their dedication to their clients extends beyond product offerings and
- They understand the complexities of insurance, especially for business owners and strive to provide seamless support through their 24-hour online quoting tool and national phone support.

Business owners can speak with licensed advisors Monday to Friday (at 1-855-724-2883) from 8 am to 8 pm and Saturday from 9 am to 4 pm, ensuring you receive the coverage that fits your needs.

For further details or if you have any questions, please visit their [website](#).

Be the first to know

Subscribe to our [CTTAM news](#) to get posts on training, news and events sent directly to your in box. 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.



Excellence on the fairways

A great way to end a work week, as golfers compete at our annual golf tournament

Thirty-five teams teed-off on a warm Manitoba summer day at one of the province's premier golf courses, on Friday, June 27.

Golfers were able to network while enjoying a variety of food and beverage services and the ability to win prizes based on their golf skills and maybe a bit of luck.

In addition to the contest prize winners, there were random draws which included:

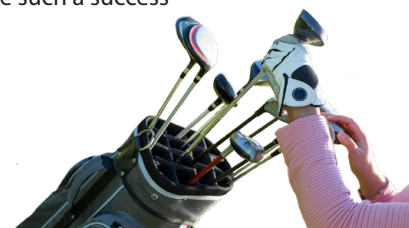
- A large flat screen TV;
- Gift cards for 529 Wellington;
- Bomber and Winnipeg Jet merchandise and
- Other great prizes.

Thank you to Darren Wanless who was the emcee and for donating a GPS unit as prizes and supplying granola bars for the golfers.

Also thank you to all the sponsors who helped make this year's golf tournament such a successful and memorable event. Thank you to all the volunteers whose hard work ensured that everyone had fun and every detail was taken care of. This tournament would not be such a success without all of their efforts.



Golf tournament sponsors, donors and photos can be found on pages 12-13.



★ Thank you to our tournament donors, sponsors and volunteers

All their contributions are vital to the success of our tournament.



Appreciation

Our sizeable prize pool was built due to the generous donations from several companies. Thank you to our wonderful donors!

Here is a list of our exclusive group of sponsors who play a large part in the success of our event. Please support these generous companies when looking for services and help on your projects.

Thank you to our sponsors and all those who participated and volunteered in making our tournament such a success.

Thank you! ↗



Cart sponsor

Association of Consulting Engineering



ASSOCIATION OF CONSULTING
ENGINEERING COMPANIES
MANITOBA

Hole sponsors

- Amrize
- Celco Automation
- CPWA - MB Chapter
- Engineers Geoscientists Manitoba
- Heidelberg Materials
- KGS Group
- MacDon Industries Ltd
- Penn-Co Construction Ltd.
- Plenary Roads Winnipeg
- RNR Steel Inc.
- Russell Redi-Mix Concrete
- Stantec Consulting Ltd.
- Titan Environmental Containment
- Trek Geotechnical Inc.
- Tri-core Projects Ltd.
- Trans-West Company
- Vector Construction
- Veolia North America
- WSP Canada Inc.



Special mentions

- Dave's Quick Print — Goldeye tickets



- Wanless Geo-Point Solutions Inc. — Granola bars



Check out our event photos on page 13.

2025 annual golf tournament



 More golf tournament photos on page 14.

2025 annual golf tournament



Registrant profile

Yuliya Danilova, C.E.T.

Yuliya Danilova has been CTTAM certified since 2021. She is the Ready Mix Operations Manager at Amrize. A graduate of the Municipal Engineering Technology program at Red River Polytech feels that the most important part of her work is making sure the right people, systems and decisions are in place to keep operations running safely, efficiently and with purpose.

In February, for the 11th time, Amrize was recognized as one of *Canada's Best Diversity Employers* by Top Employers and The Globe and Mail.

What single project or task would you consider the most significant accomplishment in your career so far?

Successfully stabilizing and transforming operations across multiple Ready-Mix plants during a period of high turnover, structural inefficiencies and volume volatility has been my most significant accomplishment.

Over three years, I built a high-performing team from the ground up, implemented cost-saving measures, improved safety and maintenance systems and laid the

groundwork for long-term operational success — despite frequent internal change and resource challenges.

What is the most important part of your work?

The most important part of my work is making sure the

right people, systems and decisions are in place to keep operations running safely, efficiently, and with purpose — while always being accountable for the results we deliver.

How would your friends and colleagues describe you?

They would describe me as someone who is driven, solution-oriented and unafraid to take on tough challenges. I'm often seen as the person who brings structure to chaos, keeps a calm head under pressure and advocates for both people and performance.

I'm known for setting high standards and supporting others to reach them.

What do you find most satisfying about your job?

What I find most satisfying is being able to identify operational gaps and implement solutions that have a lasting impact — whether it's improving plant performance, reducing costs, or developing people into confident, capable leaders.

What part of your work experience/job position did you find the most challenging?

The most challenging part was leading through ambiguity — making critical decisions with limited information, managing morale during constant change and navigating shifting expectations while still delivering consistent results.

What has your work experience taught you about yourself?

It has taught me that I thrive at the intersection of leadership and operations — where strategic decisions must be grounded in real-world logistics, efficiency, and team dynamics.

I've learned how to lead through uncertainty, drive continuous improvement, and motivate people while delivering measurable operational results.



About Yuliya

Yuliya leads ready-mix operations across multiple plants where logistics, production, safety and union dynamics all meet... usually at 6 a.m. With a background in Construction Management and Municipal Engineering Technology, she applies technical insight to real-world chaos — optimizing dispatch flows, streamlining fleet utilization and ensuring concrete shows up exactly where (and hopefully when) it's supposed to.

Whether it's managing CAPEX projects, reducing contractor reliance through internal upskilling, or designing processes that actually get followed, she focuses on building systems that are scalable, efficient and resistant to Monday morning surprises.

She works best where precision matters, time lines are tight, and every decision impacts 100 moving parts. From multi-plant scheduling and safety compliance to performance coaching and equipment planning, she brings clarity to complexity — and a dry sense of humor to meetings that need it.

Yuliya is passionate about operational excellence, leadership development and using data to make smarter decisions.



Registrant article — Written by Larry Drebniski, C.E.T.

Home electronics — 100 years ago

In the homes of 1925, a few key electronic devices were emerging and becoming more common: the telephone, vacuum cleaners and washing machines. While radio was still in its infancy, regular broadcasts were beginning to gain popularity.



CTTAM registrant, Larry Drebniski, C.E.T., is a past president and served on the Leadership and Development Committee for many years. He also was a regular volunteer at our annual golf tournament. He volunteers at Manitoba Electrical Museum & Education Center repairing old radios, a passion of his. This article written by Larry, focuses on the early radio and how the technology evolved over the years.

As you listen to your air pods or your ear buds, have you ever wondered what your listening experience would have been in your great grandfather's time? Radios have been around for over a hundred years.



In the 19th century the windup gramophone was the home audio device. It was a purely mechanical device using a steel needle following a groove in a record. The vibrations were transmitted through a diaphragm and amplified by a horn. No electricity was required.

A key figure in early radio production was Guglielmo Marconi. He made significant contributions to the development of early radio technology. The Marconi company began to build high-powered radio stations on both sides of the Atlantic around 1900. That's when crystal radios first appeared. The crystal was a piece of crystalline mineral such as galena.

It functioned essentially as a diode and became the detector. An antenna and a coil amplified the radio signal which was fed to a high impedance headphone. Tuning in a station consisted of poking around on the crystal with a sharp end of a wire (called a cat's whisker) to find an ideal spot where you may hear faint radio signals, sometimes two or three at a time. The magic of it all was that it required no power.

No batteries needed!

Then vacuum tube radios came on the scene.

Radios in their infancy

Early radios were mostly constructed by electronic hobbyists. This group worked to grow a large industry supplying electronic parts. Magazines were published dedicated to radio construction and repair. Every month magazines such as *Radio News* and *Radio* would publish the latest circuit designs and provide advice on how to achieve the best signal or sound.

One of the earliest radios was the Crosley 52 which came to market in 1920. It had three vacuum tubes and required three batteries. Two were 45 volt B batteries for the plate voltage, and one 1.5 volt cell to heat the tube filaments.

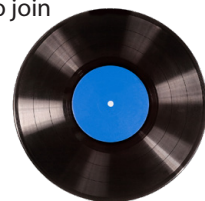
Batteries in those days were zinc carbon so they did not have a long service life. The radio also needed a long antenna wire to gather the radio signal. After paying the equivalent in today's dollar of \$1,000 for all the equipment, the radio listener had the privilege of manipulating three dials in order to pull in a weak radio signal. Success largely depended on atmospheric conditions and possible interference from nearby amateur broadcasters.



By the 1930s, the technology had advanced greatly. An example was the Victor RE-45 which was a high-end floor model radio with a 78 rpm record player. It weighed in at 147 pounds and was AC powered. The radio had four variable capacitors mechanically connected with an elaborate lever and cam system that moved in unison as the dial was scanned. The electronics consisted of four RF amplifier tubes, a detector tube, and three audio tubes running at a B voltage of 250 volts. The sound quality from the large 20 lb speaker was very good. From this time, and through to the 1950s the AM radio was at the centre of home entertainment.

More information

Anyone interested in exploring the history and evolution of home electronics is welcome to join the Manitoba Electrical Museum shop volunteers and take part in restoring and preserving these artifacts. For more information contact Larry Drebniski at ledweb@mts.net.



President-Elect Bernardo Pasco, EIT, C.E.T., CMMA, CAMP

Bernardo Pasco is an Internationally-educated and trained professional civil engineer and has a degree for Sanitary (Environmental) Engineering from the Philippines.



He has completed the diploma program for Civil (Municipal) Engineering Technologist from RRC Polytech.

Bernardo has been a registrant since 2015. He was the Chief Administrative Officer for the Rural Municipality of West Interlake. He has held

the position of Director of Works and Operations for the City of Flin Flon, Manitoba.

He has also worked as an Engineering Assistant at Manitoba Infrastructure before working as Construction Project Supervisor at Hi-flyer Food Canada, a Public Works Supervisor in the RM of Whitemouth and as a Project Manager for a private construction company.



Students' bots battle at games

Annual youth robotics competition recently held

The Manitoba Robot Games competition promotes science and technology to youth in the province. The games are sponsored in part by CTTAM.

Oil, sweat and gears!

The 2025 Manitoba Robot Games were held on Saturday, May 17. Robot builders from all over the province converged on Tec-Voc High School to test their creations against their peers in sumo wrestling, line following and obstacle course racing.



The games attract people of all ages from elementary school kids to university students with many

competitors being members of a school or local robotics club.

Competition builds skills

The robot games provide an outlet for K-12 students to build confidence in their mechanical and electrical design and construction skills which may lead to a career in technology or engineering.

The competitions are designed to engage the students' interest while focussing on the incremental



Registrant Oladipo Olagunoye, C.E.T., his son Tola and an event volunteer.

problem-solving that will allow the robots to improve and the competitors to improve along with them.

The games provide a friendly atmosphere where the latest improvements are tested and entrants can talk about what works and what doesn't work.

Some of the basic robots can be built in just a few hours but the more advanced creations will occupy a builder or team of builders for many hours spread over the weeks or months leading up to the games.

An army of volunteers, including some CTTAM registrants, helped the games run smoothly and assisted the competitors to have a great day building and testing robots in action.

We were also a sponsor of the mini-sumo competitions.

Thank you to the CTTAM registrants who assisted with event set-up, game day and take down. Your efforts made the event such a success.



President, Shannon Nordal, C.E.T., and Debbie Tighe, C.E.T.



Major changes adopted in 1977

Two-level certification was implemented along with a code of ethics

Every issue is 2025 will feature organizational milestones that have happened over the last 60 years. If our readers have any photos or events they would love to share with us, please reach out to our staff at admin@cttam.com. Also plan to visit our website and read this newsletter to view more anniversary stories and events.

In 1977, the two-level classification, Engineering Technologist and Engineering Technician was adopted effective July 1, 1977.

A higher level of academic credits was also implemented and required for certification. This brought our association closer in line with other associations' and societies' directives.



Code of ethics

Our code of ethics was adopted on January 1, 1977. All applicants for membership were required to sign an agreement to abide by the code of ethics when accepted into membership by MANSCETT (CTTAM).

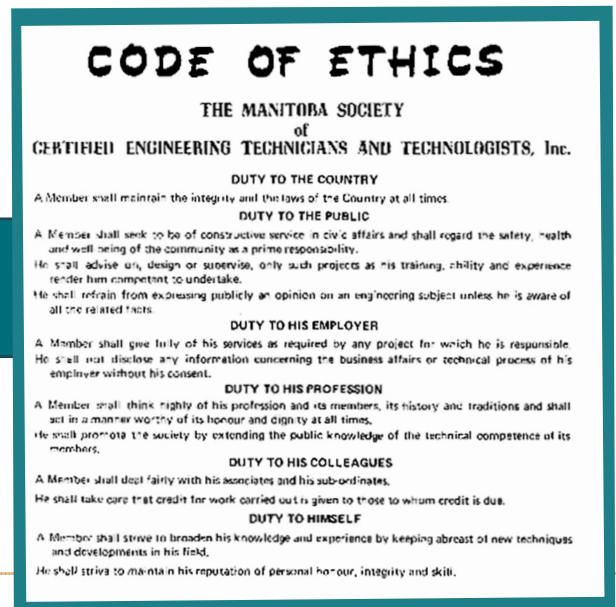
A code of ethics is essential for guiding behavior, establishing standards and promoting ethical conduct. It clarifies what is acceptable and unacceptable, fostering trust, accountability and responsible decision-making.

A copy of our original code of ethics was posted on the office wall.

Below is an image of our original code of ethics. Our current code of ethics can be found on our [website](#).

Our history

We have a historical time line posted on our [website](#). Here you can view key milestones in our history as we celebrate 60 years of our association.



Pride in certification

Our ring showcases your career achievements

Our affiliation ring is a symbolic piece of jewelry that signifies your connection to our association and your profession.

Only certified technologists and technicians are entitled to wear our technology ring.

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.

Professional rings are typically worn on your pinky finger but of course can be worn on any finger. This is something to consider when it comes to selecting your ring size.

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



Order your ring today!



Bursary awarded

Helping students achieve their academic goals

Isaak Becker recently was presented with a CTTAM bursary. Isaak is enrolled in the Natural Resources Management Program at the University College of the North.

Congratulations to CTTAM bursary recipient, Isaak Becker from the University College of the North. The College has campuses in Thompson and in The Pas.

Isaak is enrolled in the Natural Resources Management Technology Program at the College.

Isaak is eager to pursue a career in conservation, focusing on sustainable practices that balance human activity and environmental preservation.

Congratulations to Isaak!



This two-year diploma program emphasizes interrelationship among natural resources including forests, water, fish and wildlife.

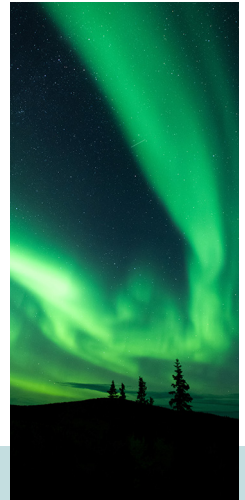
Career choices

Graduates are prepared for careers with government and private agencies as technicians involved in wildlife, fisheries, and forest research and/or management, park wardens, natural resources officers and environmental technicians.

University College of the North

University College of the North (UCN) provides learning opportunities to northern communities while respecting diverse Indigenous and northern values.

If you are interested in learning more about UCN, check out their [website](#).



Inspiring future professionals

Gathering guides young women to possible careers in technology

The Conference is a one day event for young women to learn about the many trade and technology careers available in today's employment market.

This fun learning event was held on Wednesday, June 11, at RRC Polytech on their Notre Dame Campus.

Fifty female students from grades 6, 7 and 8 participated in the conference.

The conference highlighted different vocations in the civil, electrical/electronics and mechanical technologies.

Skills Canada (Manitoba) along with RRC Polytech arranged for the students to participate in several activities. They built spaghetti towers, constructed circuit boards, surveyed the College grounds and operated a robotic arm.

We provide sponsorship and volunteer efforts for the event. Thank you to Yuliya Danilova, C.E.T., employed with Amrize, for her informative presentation. Yuliya graduated from the Municipal Engineering Technology program at RRC Polytech in 2019.

Her job involves making sure that the right people, systems, and decisions are in place to keep

concrete and aggregate operations running safely and efficiently. She currently supervises approximately 100 staff members.

Thank you to the teachers who support and promote these technology events. Also thank you to the RRC Polytech's instructors who volunteered their time to provide hands-on technology experiences to the students. The conference was a success due to the hard work and planning of Lori Royal from Skills Canada (Manitoba). Thank you to Lori and her organization.



From l to r: Amrize's Yuliya Danilova, C.E.T. with Lori Royal, Program Director from Skills Canada (Manitoba) and CTTAM's Cathy Penner.



From l to r: Amrize's Yuliya Danilova, C.E.T., with CTTAM's Cathy Penner and Marian Parreno.

BRIDGING THE GAP TO BETTER HEALTH BENEFITS

Choose an ARTA Benefit Plan to dream big and worry less – because your peace of mind matters.



PLAN DIVERSITY

Choose the level and style of coverage that best suits your unique goals, including options for single, couple, and family coverage.



DENTAL CARE OPTIONS

with preventative and major restorative services coverage available.



EMERGENCY TRAVEL INSURANCE COVERAGE

ARTA travel coverage is unique and does not include a termination age or a stability clause for pre-existing conditions.



Trip Cancellation and Interruption Insurance with \$10,000 per covered person per trip.

Whether you are still employed, retired, or semi-retired, as long as you are eligible to join ARTA, you already qualify for coverage.

Visit

artabenefits.net



to learn more and enrol in the plan that is best for your lifestyle.



Networking event provides career edge

Registrants got to know one another plus share ideas and resources

We held a networking event on Thursday, May 22, 2025 at Trans Canada Brewing Co. The brewery is located at Unit 1 — 1290 Kenaston Boulevard. Thank you for hosting this meeting.

In attendance were newer certified registrants as well as industry colleagues. Also in attendance were Robert Okabe, CEO and Registrar; Lauren Gluck, Deputy Registrar; Shannon Nordal, President; and Phelan Mar, C.E.T. They shared their work histories and backgrounds, and encouraged others to share their experiences and ask questions. Thank you to those registrants who attended this fun networking event.

Event extra

Thank you to **Kevin Bumstead, C.E.T.**, who works at Manitoba Hydro for his informative discussion about different career opportunities at Manitoba Hydro.



"take every opportunity to attend these events. Not only do I get to explore other companies, I make invaluable career contacts and insights that help me grow not only professionally but work towards a CPD credit. People, food and job growth. I really enjoyed this!"

We were there

Our President, CEO/Registrar and registrants attended recent industry events

TPS' AGM — May 24

Our CEO and Registrar, Robert Okabe, C.E.T., FEC (Hon.), IntET (Canada), and Shannon Nordal, C.E.T., attended the Technology Professionals Saskatchewan's AGM on May 24.



The group photo is taken at the RCMP headquarters in Regina. Shannon provided the greetings presentation at the event.



OACETT awards ceremony

Registrant Willie Perez, C.E.T., P.Eng., was honoured for his outstanding technical achievements. Robert Okabe and Bernardo Pasco were there to help celebrate.



Celebrating his award is from l to r: Willie Perez, C.E.T., P. Eng.; Robert Okabe, C.E.T., FEC (Hon.), IntET (Canada) and Bernardo Pasco, EIT, C.E.T., CMMA, CAMP.



More all-around *protection*. Less all-around *cost*.

Engineers Canada-sponsored Insurance Plans

can help
you create all-around
protection for your
loved ones' health,
finances, and more.

*They're exclusive to engineers,
technicians, technologists, and
geoscience professionals—and
offered at **some of the very
best rates in the industry.***



Don't miss out:
Enjoy 50% OFF

premiums on new or additional
Term Life Insurance until
March 31, 2026.[†]

Visit **Manulife.ca/MT** or call **1 877 598-2273**

Benefits of the Engineers Canada-sponsored Term Life Plan:

- **Portable coverage** that stays with you anywhere in the world
- **Coverage for your spouse** at the same discounted rates
- **Additional 10% off** for coverage amounts of \$500,000 to \$975,000
- **Additional 15% off** for coverage amounts of \$1,000,000 or more

And that's not all. **You also have several other
affordable plan options to choose from**, including:

-  Disability Income Protection
-  Health & Dental Insurance
-  Major Accident Protection
-  Critical Illness Insurance



[†]The 50% premium rate reduction does not apply to existing Term Life coverage. Premium rates have been reduced by 50% for new or additional Member and Spouse Term Life coverage. This 50% premium rate reduction will end, and premiums will increase on April 1, 2026, for all applicable Term Life coverage. Individual circumstances may vary. Conditions, limitations, and exclusions apply. See policy for details. You may contact one of Manulife's Licensed Insurance Advisors or your licensed insurance agent if you need advice about your insurance needs.

Engineers Canada-sponsored Insurance Plans are underwritten by **The Manufacturers Life Insurance Company (Manulife)**.
Manulife, Stylized M Design, and Manulife & Stylized M Design are trademarks of The Manufacturers Life Insurance Company and are used by it, and by its affiliates under license.

© 2025 The Manufacturers Life Insurance Company. All rights reserved. Manulife, P.O. Box 670, Stn Waterloo, Waterloo, ON N2J 4B8.

Accessible formats and communication supports are available upon request. Visit [Manulife.ca/accessibility](https://www.manulife.ca/accessibility) for more information.

25_1623987 04/2025

