

Join us for Summer Youth Programs

July and August

Our mission is to inspire youth to unlock the future of innovation in STEM (Science, Technology, Engineering, and Math). Hands-on activities and immersive learning in robotics, coding, gaming, AI, and much more, provide youth with the building blocks needed for a future in STEM!



- Programs engage participants with their peers and connect youth with similar interests
- Women mentors inspire the next generation of STEM professionals in our "All girls" programs
- Participants use STEM-based technology and equipment to develop skills relevant to today's globally connected world
- Programs engage youth in STEM concepts connected to undergraduate curriculums, including engineering design, scientific inquiry, and coding fundamentals
- Ontario Tech undergraduate STEM students and mentors provide leadership to further professional and personal development

Coding & Gaming

- Take your coding and programming skills with you into the future! Explore Python coding language, game development, user interfaces, robotic designs, AI, and more. Gain valuable hands-on experience in Ontario Tech's state-of-the-art Gaming & Virtual Reality Laboratory* or become a Cyber Girl*!
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Engineering & Math *NEW programs*

Discovery-based activities, design challenges and simulations promote an understanding of how engineering and math are useful in our everyday lives. Utilize the Engineering Design Process* to boost problem-solving. Explore the world of 3D design, Arduino or teach computers to think and learn!

Robotics & Technology *Fills quickly!*

Utilize the Engineering Design Process* to build and program robots using VEX EDR Robotics! Participants work in teams to design their robot, which will include motors, sensors, and hardware components controlled with code. Robots complete challenges and battle!

STEAM *NEW program*

Equipped with the elements of the Engineering Design Process and Science, Technology, Engineering, Art, and Math (STEAM), participants design and create their own solutions to solve survival challenges!

Counsellor in Training (CIT)

Qualifying CIT youth gain the skills required to become a "junior camp counsellor" during Ontario Tech's 2024 Summer Camps program. Volunteer hours can be applied to the 40-hour community involvement requirement to receive an Ontario Secondary School Diploma.

Funding is available for Indigenous scholarship applicants. Contact summercamps@ontariotechu.ca for details.

**select camps*



In-person programs offered at
Ontario Tech University
2000 Simcoe Street North, Oshawa
9 a.m. to 4 p.m.
**extended supervision is available (\$)*

Virtual programs
Weekdays for 2 hours
Connect using Google Meet®

For more information
ontariotechu.ca/summercamps
summercamps@ontariotechu.ca

