



Ontario Tech UNIVERSITY

gradstudies.ontariotechu.ca

Grad Studies Guidebook
2020-2021

Say hello to Ontario Tech University

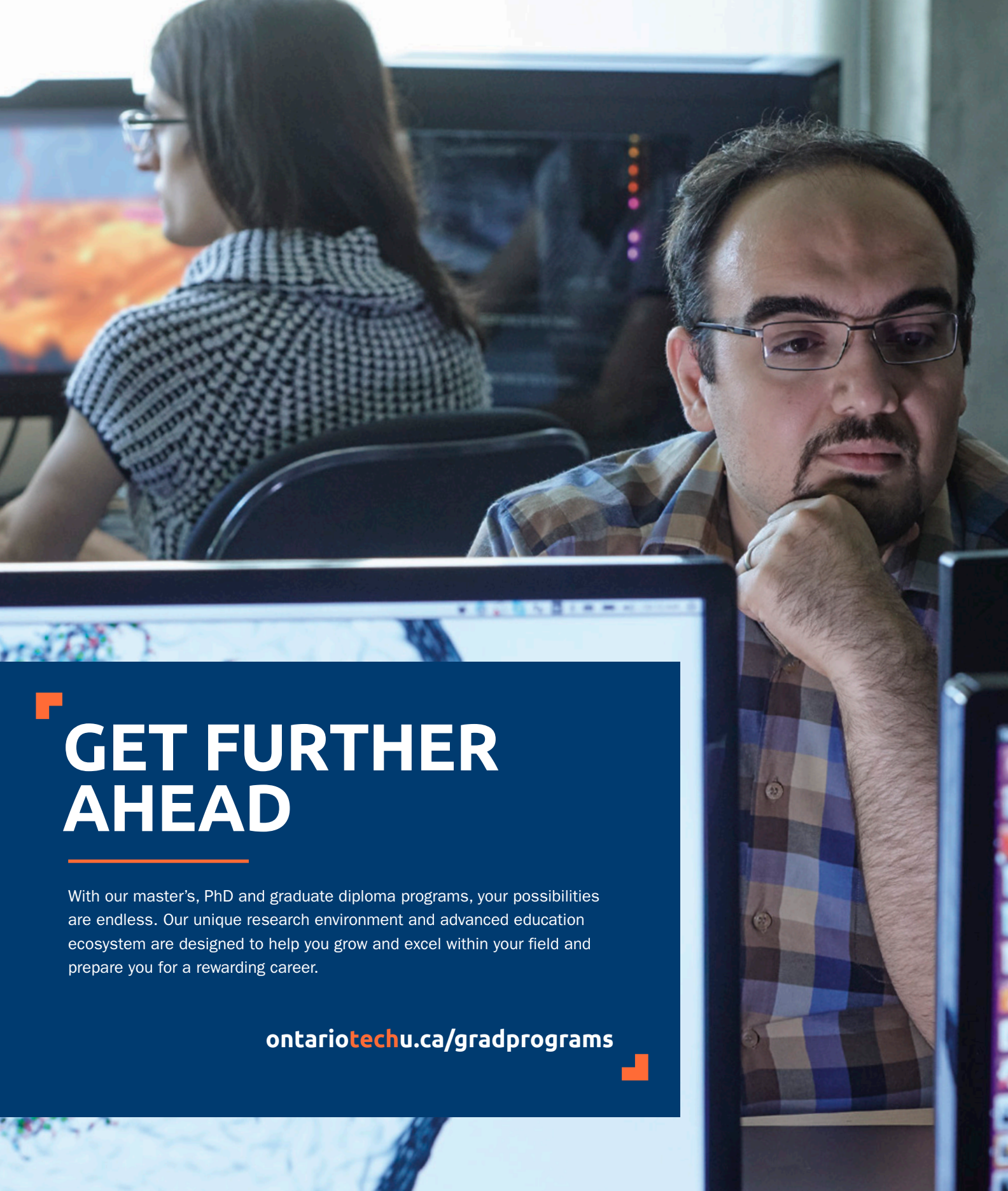


We're a modern, forward-thinking university that's open to new emerging ideas and possibilities. Our more than 35 master's, PhD and graduate diploma programs are designed with this in mind.

Here, you'll experience innovative and relevant technologies to help you pursue your most ambitious ideas, all while enjoying a close-knit graduate community and high-tech facilities.

We've created this guide to walk you through researching programs of interest, connecting with prospective supervisors, applying for your program, financing your education, and succeeding during your studies and beyond.





GET FURTHER AHEAD

With our master's, PhD and graduate diploma programs, your possibilities are endless. Our unique research environment and advanced education ecosystem are designed to help you grow and excel within your field and prepare you for a rewarding career.

ontariotechu.ca/gradprograms

Programs

Graduate & Postdoctoral Studies

Business and Information Technology

Accounting (graduate diploma)

Information Technology Security (MITS)

Education

Education (MA and MEd)

Education and Digital Technologies (graduate diploma)

Energy Systems and Nuclear Science

Nuclear Design Engineering (graduate diploma)

Nuclear Engineering (MAsc, MEng and PhD)

Nuclear Technology (graduate diplomas)

Engineering and Applied Science

Automotive Engineering (MAsc and MEng)

Electrical and Computer Engineering (MAsc, MEng and PhD)

Engineering Management (MEngM and graduate diploma)

Mechanical Engineering (MAsc, MEng and PhD)

Health Sciences

Health Sciences (MHSc and PhD)

Science

Applied Bioscience (MSc and PhD)

Computer Science (MSc and PhD)*

Materials Science (MSc and PhD)**

Modelling and Computational Science (MSc and PhD)

*Cross-faculty program.

**Offered jointly with Trent University.

Social Science and Humanities

Criminology (MA)

Criminology and Social Justice (PhD)

Forensic Psychology (MSc and PhD)

Legend:

MA: Master of Arts

MAsc: Master of Applied Science

MEd: Master of Education

MEng: Master of Engineering

MEngM: Master of Engineering Management

MHSc: Master of Health Sciences

MITS: Master of Information Technology Security

MSc: Master of Science

PhD: Doctor of Philosophy



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I chose Ontario Tech University for graduate studies because I fell in love with research during the completion of my undergraduate thesis project. I enjoy the relationships I've built with my supervisor and my classmates, as well as the supportive research environment.

SARAH HABIBI

Science (Honours) in Biological Science, class of 2015

Education, class of 2016

Current PhD student in Applied Bioscience

Student supervision and advising

As a graduate student, you will receive guidance, support and mentorship during your time at the university.

If you are registered in a research-based program that requires a thesis, project or major paper, you will work with a research supervisor. If you're pursuing a course-based program, a faculty advisor will be available to you.

To determine if your program is research-based or course-based, visit ontariotechu.ca/gradprograms.

Find a supervisor

If you're pursuing a research-based program, one of the most important considerations is which supervisor(s) you'd like to work with. Your supervisor will provide mentorship as you pursue your research.

1. Find someone researching a topic or conducting work that excites you. We attract gifted professors from the world's most respected centres of learning. They're leaders in their fields, and their expertise in teaching and research is based on experience from around the world. Learn more about our faculty members through the university's Expert Centre (ontariotechu.ca/expertcentre) or on the faculty websites (ontariotechu.ca/faculties).
2. Reach out to potential supervisors early so you can begin to discuss your research interests, ideas and opportunities that may be available. If you're pursuing a master's program, you may not have a specific research or project idea yet and that's OK! Sometimes supervisors already have potential projects in mind that may spark your interest, or your discussions will inspire new ideas.
3. Make sure it's a good fit. Do you have new ideas that contribute to the potential supervisor's research or work? Do you have a desire to conduct cutting-edge research? Do your personalities complement each other? You'll spend a lot of time with your supervisor and they will mentor you during your graduate studies. So, it's important to make sure your expectations are aligned.
4. Keep the conversation going. We'll provide you with discussion ideas as you begin your research relationship. We'll also help you build a strong foundation that will support you throughout your graduate studies.

If you haven't connected with a supervisor yet, don't hesitate to submit your application for admission. You will be connected with a supervisor during the admissions process or once you've begun conducting research.

Connect with an advisor

In programs that do not require a thesis, project or major paper, you'll be guided by a faculty advisor. Your advisor will be available to discuss your progress in your program and provide referrals to academic and personal student services and resources.



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“The faculty really emphasize independent work. Our supervisors are available to guide and provide support but they don’t micromanage. This is making me an independent, competent researcher who can self-start and problem solve on my own.”

CARISA COLLINS

PhD in Forensic Psychology student

“My supervisor has been the best part of my graduate studies experience. He is always supportive and I learned a lot from him and my colleagues.”

IBTIHAL ELLAWINDY

Master of Science in Computer Science student

“I chose to do my research at Ontario Tech University because of my faculty’s significant ties with the nuclear industry in Canada. The research done in the field of radiation detection and radiation dosimetry at the university is significant. It is some of the best work in Canada.”

ALEXANDER MILLER

PhD in Nuclear Engineering (graduated 2018)

“I chose Ontario Tech University for graduate studies because of the close connections the university has with the industries I want to work in. Also, as a smaller institution, there are more opportunities available to get involved.”

TAYLOR EGAN

Master of Applied Science in Electrical and Computer Engineering (graduated 2019)

Apply to a grad program

ontariotechu.ca/gradapply

After you have explored our graduate programs, follow these six steps to complete the application process.

Step 1: Review admission requirements

To be eligible for admission to any graduate program, you must meet the outlined minimum requirements.

Master's programs:

- Hold a four-year honours degree (or equivalent) from a recognized institution in the same area of graduate study or a closely related subject.
- Overall academic standing of at least a B average (GPA: 3.0 on a 4.3 scale or 73 to 76 per cent), with a minimum B average in the last two full-time years (four semesters) of undergraduate work (or equivalent).

PhD programs:

Completion of a research project or thesis-based master's level degree from a recognized institution in the same area of graduate study or a closely related subject (or equivalent).

- A minimum B+ average (GPA: 3.3 on a 4.3 scale or 77 to 79 per cent, or equivalent).

Graduate diplomas:

- Hold a four-year honours degree (or equivalent) from a recognized institution in the same area of graduate study or a closely related subject.
- A minimum B- average (GPA: 2.7 on a 4.3 scale or 70 to 72 per cent, or equivalent).

Step 2: Check application deadlines

Visit ontariotechu.ca/graddeadlines for the deadline for your program of interest.

Step 3: Prepare your application

At this stage of the application process, you should find a supervisor (if applicable), complete any necessary tests or exams, contact your referees, write your statement of academic intent and gather all of the required documentation necessary to complete your application.

Required supporting documents*:

- Two letters of recommendation (submitted via an online form. We will email you the link to provide to your referees).
- Proof of English proficiency.**
- One unofficial copy of each previous undergraduate and graduate transcript. (If you're admitted to the program, you must submit official transcripts.)
- One- to two-page statement of academic intent.
- Photocopy of your degree parchment(s).
- Additional documentation required by your program of

interest (if applicable).

*Check your individual program web page (ontariotechu.ca/gradprograms) for any additional requirements.

**All applicants must provide evidence of their oral and written proficiency in English. Visit ontariotechu.ca/gradenglish for details.

Step 4: Apply online

Once you've gathered the components listed for your application, you can proceed to the online application by visiting ontariotechu.ca/gradapply. You'll need approximately one hour to complete this step. Before you submit your application, you're required to pay a non-refundable application fee of \$110 (CDN) per program.

Step 5: Send your documents

To complete the application process, you must send all required additional documentation to the School of Graduate and Postdoctoral Studies by the deadlines listed on ontariotechu.ca/graddeadlines.

Step 6: Check your application status online

After you've completed your application and have received confirmation of successful submission, you'll receive a personal identification number (PIN) and password within 10 business days. This will allow you to log in to the Applicant Portal to check the status of your application.

The Applicant Portal allows you to:

- Review documents the university has received.
- Determine which documents may be outstanding.
- See the status of your application.
- Review any decisions made by the university.

Note: Satisfaction of minimum entry conditions doesn't ensure admission. Non-standard applicants who don't meet the listed requirements may be considered on a case-by-case basis.





“ I was really drawn to the idea of pursuing a degree that didn't just focus on curriculum, but the intersection of curriculum and technology. The professors are very knowledgeable and they include readings and assignments from a variety of pedagogical approaches. Not very many people could say that their master's program helped them to write a book! I was able to take a self-directed course in social media in education and wrote Social LEADia as a result of my research. ”

JENNIFER CASA-TODD

Master of Arts in Education student and author of Social LEADia

Finance your education

ontariotechu.ca/gradfinance

There are a variety of ways to help finance your graduate education:

Funding packages

If you're a full-time student in a research-based program you may receive funding to help with the cost of your education. Sources may include:

Assistantships

- Teaching assistantships (TA)
- Research assistantships (RA)
- Graduate research assistantships (GRA)

These opportunities are offered as part of your offer of admission and funding package; you don't need to apply for assistantships.

Graduate scholarships

We award a limited number of graduate scholarships to high-achieving full-time students entering a research-based master's or doctoral program. You'll be assessed for eligibility at the time of admission; an application isn't required. Most scholarship offers will be made with the offer of admission to an eligible program.

External awards

We encourage you to apply for external awards you qualify for. Domestic students may apply for awards from both provincial and federal granting agencies. International students should also pursue applicable awards from granting agencies both in Canada and in their home country. Visit ontariotechu.ca/gradexternalawards.

Student Awards and Financial Aid

You're eligible to apply for bursaries and government aid programs like the Ontario Student Assistance Program (OSAP). Visit the Student Awards and Financial Aid website (ontariotechu.ca/safa) for information about these supports and other financial literacy services available.



The funding and scholarships I have received at Ontario Tech University have been a significant part of why I stayed to pursue a PhD in Criminology and Social Justice. The funding has enabled me to attend conferences, carry out cutting-edge research and continue to learn, grow and develop as a student and a professional.

KAITLIN FREDERICKS

PhD student in Criminology and Social Justice



Prepare for success in your program and in your career

As a graduate student at Ontario Tech University, you will not only acquire disciplinary expertise but also develop the professional skills needed for a successful future career in industry or academia. We help to diversify your experience through initiatives that'll strengthen your networking, career and soft skills.

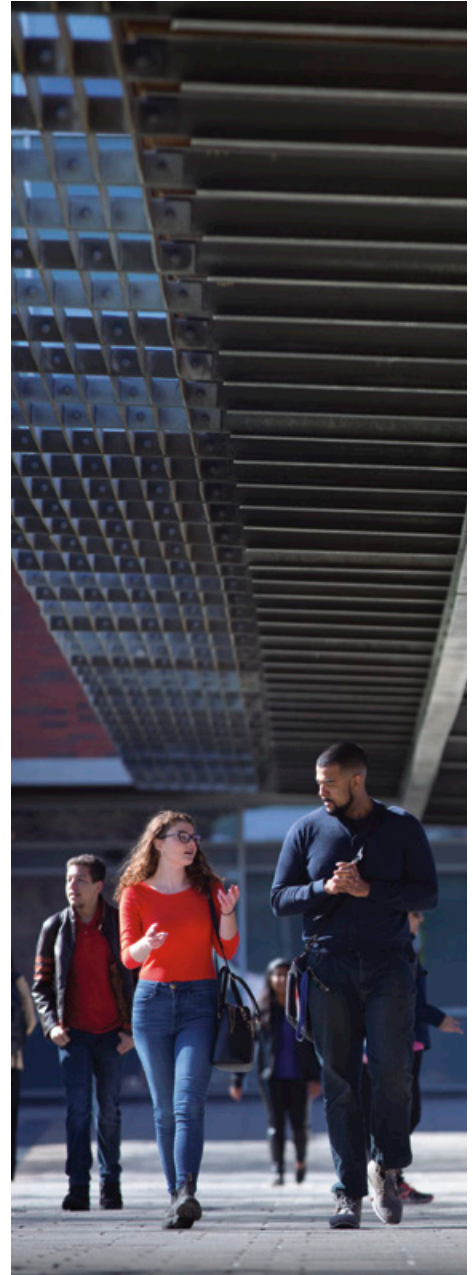
- **Graduate Professional Skills** workshops (available both in-class and online) provide professional development opportunities in five areas:
 - Career management.
 - Entrepreneurship and leadership.
 - Professional communication.
 - Research and knowledge mobilization.
 - Teaching and learning.
- **Graduate Writing Boot Camp** provides you with a productive, distraction-free work environment as you make significant progress in some of the most important writing you'll ever do—your thesis.
- **Three Minute Thesis (3MT®)** allows you to present your research, and its wider impact, to a general audience—all in 180 seconds or less.
- **Experiential learning opportunities** such as job-site visits, industry panels and presentations help you develop your network and gain valuable industry insights.
- **Global collaborations and experiences** offer master's and PhD students the opportunity to expand your networks, discover new perspectives and learn from international experts.
 - Participate in international conferences (financial support may be available to help you with travel costs).
 - As a PhD student, participate in the cotutelle option and complete academic requirements here and at a university abroad.

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An experience like Three Minute Thesis may be out of your comfort zone, but let me tell you, taking the stage will boost your confidence and increase your passion for the work that you're doing. It makes the next presentation even easier and soon enough, you'll be itching to present your amazing research whenever you can.

DANIEL ABDEL-MALEK

Master of Health Sciences in Kinesiology student and 3MT® 2019 finalist



In a room full of toys and other children, I choose to watch the lights.



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Explore your university

ontariotechu.ca/gradevents

Come Meet Us!

Open houses

Saturday, October 26, 2019

Saturday, March 28, 2020

Tour in person

Tours include academic buildings, student services and many other areas on campus. Residence and athletic facilities are included in the North Oshawa location tours. Find out more at ontariotechu.ca/tours.

Tour online

We offer a unique virtual tour for those who can't make it in person. To take yours, visit ontariotechu.ca/virtualtour.

Check out our mobile app

Interested in our news, events, athletics info, important dates and more? Download Ontario Tech Mobile by visiting ontariotechu.ca/mobile.



Ontario Tech University proudly acknowledges the lands and people of the Mississaugas of Scugog Island First Nation, which is covered by the Williams Treaties.

We are situated on the Traditional Territory of the Mississaugas—a branch of the greater Anishinaabeg Nation—which includes Algonquin, Ojibway, Odawa and Pottawatomi.

For an alternative format of this information, contact marketing@ontariotechu.ca.

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Campus maps

North Oshawa Campus Location



- | | | |
|---|---|---|
| 1. Campus Ice Centre | 7. Ontario Power Generation Engineering Building | 11. Campus Recreation and Wellness Centre |
| 2. Campus Field House | 8. North Oshawa Library | 12. Science Building |
| 3. Software and Informatics Research Centre | 9. Energy Systems and Nuclear Science Research Centre | 13. Pavilion |
| 4. Clean Energy Research Laboratory | 10. Business and Information Technology Building | 14. Student Centre |
| 5. Campus Corners (School of Graduate and Postdoctoral Studies) | | 15. South Village Residence |
| 6. ACE Climatic Wind Tunnel | | 16. Simcoe Village Residence |
| | | 17. Student Life Building |

Downtown Oshawa Campus Location






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|----------------------------------|--|
| 1. 2 Simcoe Street South | 4. Bordessa Hall |
| 2. Faculty of Education Building | 5. 61 Charles Street Building |
| 3. Regent Theatre | 6. UOIT-Baagwating Indigenous Student Centre |





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