



International Viewbook
2022–2023

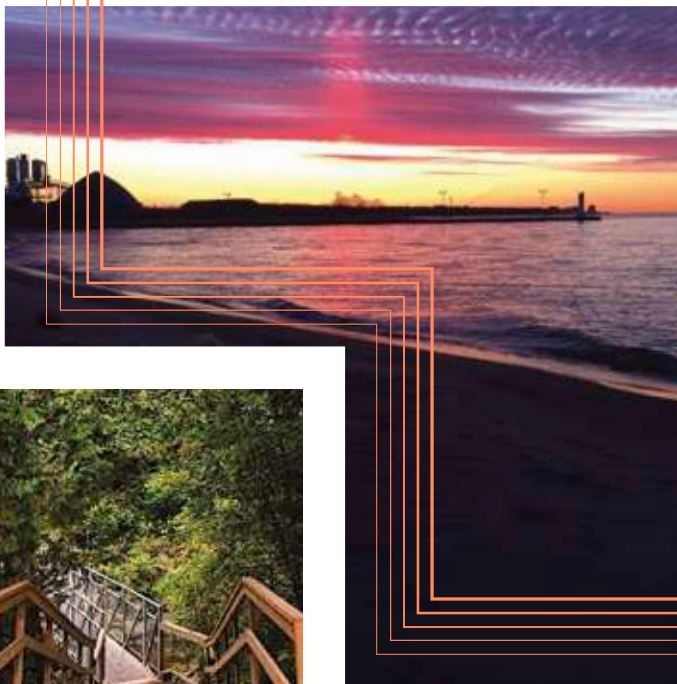
Say hello to **Ontario Tech University**

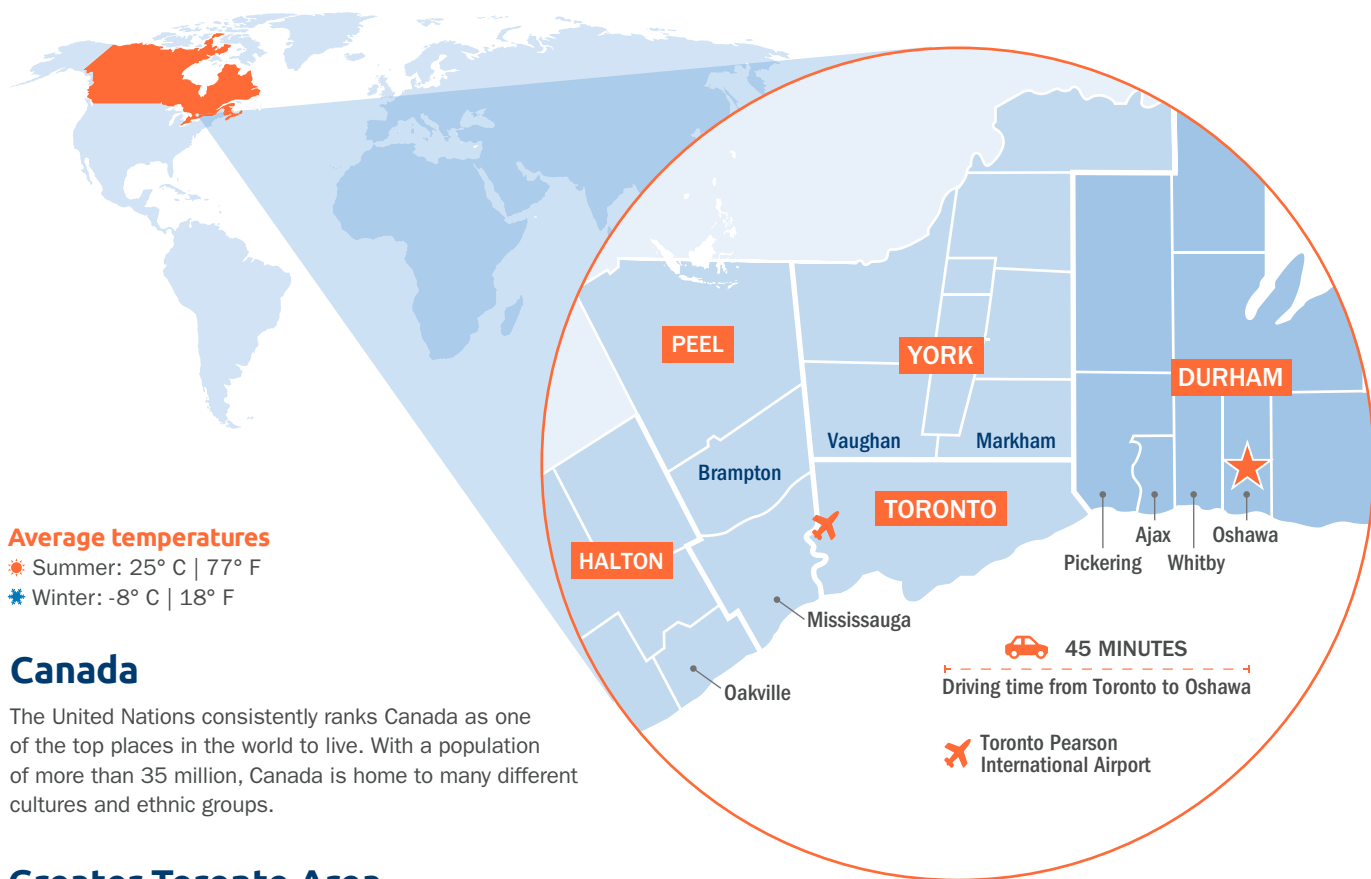




You'll find a home *in Oshawa!*

We're located in the heart of the Durham Region and the Greater Toronto Area—Canada's multicultural centre.





Highlights of your new city

- Oshawa is ranked one of the top four Canadian cities for employment and growth—posting a 4.9 per cent job growth year over year.
- Downtown Oshawa today is an Education and Social Sciences hub; it's been identified as an Urban Growth Centre in the Government of Ontario's Places to Grow initiative.
- The Parkwood Estate—original home of General Motors of Canada founder Samuel McLaughlin—is a national historic site. Critically-acclaimed hits like X-Men and Billy Madison were filmed there.
- Located in close proximity to Toronto, you can easily enjoy a weekend at some of Canada's most popular tourist destinations or attend a professional sports game.
- Bring on the Fiesta! Every year, Fiesta Week in Oshawa is filled with great food and fun to highlight the culture in our city. Visit pavilions around town to enjoy tastes from the Caribbean, Greece, Italy, Poland, Portugal, Ukraine and more, and join in on the celebrations.
- Our parks and trails encompass almost 410 hectares, and more than 27 kilometres of paved surfaces to explore.
- Founded in 1967, the Robert McLaughlin Gallery brings our community together through arts and culture, and creates conversations to encourage people to experience the world differently.

No two students take the same journey.

Where will yours begin?

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Ridgebacks reflect

Defining success.

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Programs

Your starting point.

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Experiential learning

Experience matters.

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International student services

Always here to support you.

34

Ridgeback life

You are more than just a student.

36

Explore the world

A limitless classroom.

38

Your home away from home

Residence and food.

40

Fees and finances

Your dreams are within reach.

43

English language proficiency

Requirements and accepted scores.

44

Admissions

The first steps to your future.

50

Connect with us

Prepare for university.



Ontario Tech University acknowledges the lands and people of the Mississaugas of Scugog Island First Nation. We are thankful to be welcome on these lands in friendship. The lands we are situated on are covered by the Williams Treaties and are the traditional territory of the Mississaugas, a branch of the greater Anishinaabeg Nation, including Algonquin, Ojibway, Odawa and Pottawatomi. These lands remain home to many Indigenous nations and peoples.

We acknowledge this land out of respect for the Indigenous nations who have cared for Turtle Island, also called North America, from before the arrival of settler peoples until this day. Most importantly, we acknowledge that the history of these lands has been tainted by poor treatment and a lack of friendship with the First Nations who call them home.

This history is something we are all affected by because we are all treaty people in Canada. We all have a shared history to reflect on, and each of us is affected by this history in different ways. Our past defines our present, but if we move forward as friends and allies, then it does not have to define our future.

We welcome students to our campus every year, from approximately 75 countries around the world!

Some of these countries are:



800+

international students

One-on-one

assistance with study permits,
work visas, etc.

19

cultural- and diversity-focused
clubs on campus

Ridgebacks reflect

How do you define success? We define it by our graduates.

Within six months of graduation:

85% ➤

of graduates are employed. Of the 85%,
74% ARE EMPLOYED WITHIN THEIR FIELD OF STUDY.

34% ➤

earn more than \$50,000 annually—which
is above the Ontario average.

21% ➤

of our undergraduates pursue further
education and qualifications.

Macleans Magazine ranks us:

#1

Undergraduate
university in Ontario
for reputation

#1

Library in Canada for
an undergraduate
university

#3

Undergraduate
university in Canada for
total research dollars

Employers that have chosen our graduates:

Amazon

Bruce Power

Canada Revenue
Agency

Canadian Nuclear
Laboratories

Dalton Pharma
Services

Deloitte

Durham District
School Board

Durham Regional
Police Service

Facebook

Google

Hydro One

IBM

Lakeridge Health

Ontario Power
Generation

SickKids

Tesla

Ubisoft

Internationally ranked:

#3

in Ontario, ninth in Canada, as one
of the best universities to study
engineering (US News)

Top 5

Mechanical Engineering
program in Ontario (US News)

Top 10

Electrical Engineering program
in Ontario (Shanghai Ranking)





“

Ontario Tech provides the critical support students need to transition from a learning environment into the industry. The university connected me with industry leaders and ensured I was ready to present myself to future employers. I felt prepared to enter the workforce, and my solid foundation allowed me to seamlessly transition into my career and quickly make an impact.

JILLIAN RUTTAN-MORILLO

Nuclear Engineering and Management, class of 2014
Work Control Team Leader, Ontario Power Generation



Programs

Advanced programs that are preparing 21st-century learners for today's industry—all while making a difference in the world.

Business

- Accounting
- Commerce
- Finance
- Health Administration*
- Marketing
- Organizational Behaviour and Human Resources Management
- Technology Management

Education

- Concurrent Education
- Consecutive Education – Intermediate/Senior
- Consecutive Education – Primary/Junior
- Designing Adult Learning for the Digital Age
- Early Childhood Studies
- Educational Studies
- Lifelong Learning with Technology

Engineering

- Automotive Engineering
- Comprehensive Engineering
- Electrical Engineering
- Manufacturing Engineering
- Mechanical Engineering
- Mechatronics Engineering
- Nuclear Engineering
- Software Engineering

Computers & Technology

- Applied and Industrial Mathematics
- Communication and Digital Media Studies
- Computer Science
- Data Science
- Digital Media
- Game Development and Interactive Media
- Integrated Mathematics and Computer Science
- Internet of Things
- Networking and Information Technology Security
- Software Engineering
- Technology Management

*Pending approval.

Science

Affective Science and Mental Health

Applied and Industrial Mathematics

Applied Biotechnology

Astrophysics

Biological Science

Chemical Biology

Chemistry

Computer Science

Data Science

Developmental Psychological Science

Digital Media

Environmental Biology

Environmental Toxicology

Forensic Biology

Forensic Chemistry

Forensic Physics

Forensic Science

Health Physics and Radiation Science

Health Sciences

Human Health Science

Integrated Mathematics and Computer Science

Integrative Neuroscience

Life Sciences

Marine Biology*

Nanotechnology and Clean Energy

Pharmaceutical Chemistry

Physics

Psychology

Medicine & Health

Affective Science and Mental Health

Applied Biotechnology

Biological Science

Chemical Biology

Developmental Psychological Science

Forensic Science

Health Administration*

Health Physics and Radiation Science

Health Sciences

Human Health Science

Integrative Neuroscience

Kinesiology

Life Sciences

Nursing

Pharmaceutical Chemistry

Psychology

Public Health

Social Science & Humanities

Affective Science and Mental Health

Alternative Dispute Resolution

Communication and Digital Media Studies

Criminal Justice

Criminology and Justice

Developmental Psychological Science

Forensic Psychology

Human Rights Law

Information Law

Legal Studies

Liberal Studies

Political Communication

Political Science

Psychology

Social Justice, Globalization and Development

Youth, Crime and Justice

*Pending approval.

Business

ontariotechu.ca/busi

Accounting

Commerce

Finance

Health Administration*

Marketing

Organizational Behaviour and
Human Resources Management

Technology Management

*Pending approval.

Your career possibilities:

Accountant

Brand Manager

Business Analytics Consultant

Compensation Analyst

Creative Talent Manager

Credit Analyst

Director of Data and Analytics

Financial Planner

Investment Advisor

Human Resource Professional

Marketing Co-ordinator

Social Media/Digital Marketing Specialist

Want to see the specific courses you'll be taking in your program?
Visit ontariotechu.ca/calendar.

“

When I began the Commerce program, I quickly fell in love with the people. The first day of Orientation, I met a group of incredible friends who are still by my side three years later. After attending a CPA Ontario networking session, I decided that the accounting path was perfect for me. The professors here want you to succeed and will give you the connections you need to set yourself up for the career you want. Because of the opportunities given to me by the university, I have already received full-time job offers for when I graduate in 2022.

HANNAH OEGEMA

Commerce, Accounting major, International Business minor, class of 2022

80+

events, competitions, guest speakers and networking opportunities every year

300+

companies provide paid internships and capstone opportunities

100%

of students participate in experiential learning

100

international universities and industry partners around the world to collaborate with

A few of our internship partners:

CIBC

Deloitte

Hydro One

IBM

Meridian
Credit Union

Microsoft

Ontario Power
Generation

Owasco

PWC

RBC

Ubisoft



Industry-ready learning



Hands-on, financial-market training through simulated trading and portfolio-management software.



Work internships in upper years to gain relevant industry experience.



Venture Creation program course: Pursue a business you already own and operate, or begin a new business venture. Earn course credits while completing a work term and training with a partner organization.



Built-in courses to contribute to CPA, CHRL and CFA designations.



CPA Ontario accredited Accounting program.



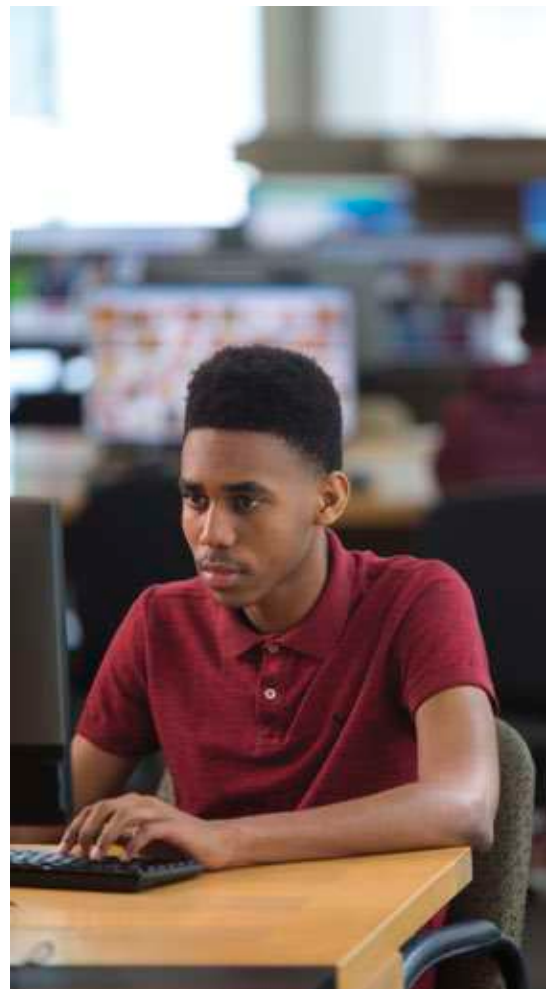
SAP University Alliance program: Learn about the current tools businesses are using every day; receive a recognition award and certificate to boost your resumé.

Clubs and societies

- Accounting Association
- Business and IT Student Society
- Finance Society
- Human Resources Association
- Marketing Association

College-to-university transfer programs

Turn an Ontario college diploma (or equivalent) into a degree in as little as two years. See which programs are available to you at ontariotechu.ca/pathways.



Computers & Technology

ontariotechu.ca/compandtech

Applied and Industrial Mathematics

Communication and Digital Media Studies

Computer Science

Data Science

Digital Media

Game Development and Interactive Media

Integrated Mathematics and Computer Science

Internet of Things

Networking and Information Technology Security

Software Engineering

Technology Management

Your career possibilities:

Cloud Solutions Architect

Communications Officer

Computational Modeler

Computer Programmer

Cyber Security Specialist

Digital Media Strategist

Digital Transformation Lead

Game Designer or Programmer

Information and Communication Technology Manager

Machine Learning and Data Specialist

Medical Device Development Engineer

Mobility Solutions Engineer

Virtual Reality/Augmented Reality Developer

Want to see the specific courses you'll be taking in your program?
Visit ontariotechu.ca/calendar.

“

My time at Ontario Tech has transformed me into the best version of myself. Through the support of my wonderful peers and professors in the Game Development and Interactive Media program, I discovered what I am most passionate about and what I can do to help me get there. Getting involved with the school has also strengthened my leadership skills, and because of that I am prepared to work with any team I am part of in the future.

SAFA NAZIR

Game Development and Interactive Media, class of 2021
Freelance Game Editor

Industry-ready learning



Participate in high-quality, interactive media such as game creation, simulations, and virtual- and augmented-reality experiences.



Develop your own interactive web and mobile applications.



Use tools in computer programming and mathematical analysis in an immersive, hands-on environment.



Evaluate and exploit enterprise networks in our Hacker Research Lab; prepare for industry-standard certifications such as (ISC)², CompTIA, three levels of Cisco and many more.



Use industry-standard CAD software to design and produce 3D drawings of parts; make them come to life in our Rapid Prototyping and Manufacturing Lab.



Create and implement professional communication campaigns that inform the public about issues that inspire you to work for change.

Clubs and societies

- Association for Computing Machinery's Women in Computing Student Chapter
- Business and IT Student Society
- Communication and Digital Media Society
- Game Development Society
- Hacker Club
- Networking and IT Security Society
- Women in IT

300+

companies provide paid internships and capstone opportunities

College-to-university transfer programs

Turn an Ontario college diploma (or equivalent) into a degree in as little as two years. See which programs are available to you at ontariotechu.ca/pathways.

Brilliant Catalyst

Experiential learning hub designed to facilitate idea generation, collaboration and new partnerships

Program-relevant software

provided to you by the university, equipped with industry-level standards

100

international university and industry partners around the world to collaborate with

Student award winners

Talented Ontario Tech students won the \$5,000 Internet-innovation award in 2020 at the @ **Company's** competition—a four-week event featuring 30 selected students or graduates from across North America



Education

ontariotechu.ca/education

Concurrent Education

Consecutive Education
Intermediate/Senior

Consecutive Education
Primary/Junior

Designing Adult Learning
for the Digital Age

Early Childhood Studies

Educational Studies

Lifelong Learning with
Technology

Your career possibilities:

Elementary or Secondary School Teacher

Adult Education Specialist

Early Childhood Education Specialist

Educational Consultant

Educational Publisher

E-Learning Designer

English as a Second Language Teacher

Learning Environment Designer

Online Education Specialist

Special Education Resource Teacher

Want to see the specific courses you'll be taking in your program?
Visit ontariotechu.ca/calendar.

“

I honestly didn't expect to be fortunate enough to have a full-time, long-term, occasional teaching position in our local school board so quickly after graduating from Ontario Tech. Thank you for everything—I wouldn't be where I am today without the faculty's guidance and support!

NICOLE HEATHCOTE

Education, class of 2020
Elementary School Teacher, Durham District School Board

87%

of students are employed
within six months of graduation

8

school boards for
field placements

21st

century institution producing
innovative educators

80%

of students graduate from the BEd program with an 80+ average

22

median upper-year
class size



Industry-ready learning



16-month Bachelor of Education (BEd) program enables you to graduate four-months earlier, giving you a hiring advantage.



Bachelor of Arts (BA) college-to-university program is fully online, offering an innovative and problem-based collaborative approach to learning.



Focus on technology in learning, preparing you for the digital-age world.



National leaders in fully online education, incorporating high-tech virtual classrooms.



BEd and BA graduates who maintain a 3.7 GPA—and who meet the graduate studies admission requirements—will receive guaranteed acceptance into our Master of Education program.

1st

BEd program in Ontario to offer Mental Health First Aid certificate

Clubs and societies

- Bachelor of Education Student Association
- Enviro-Mentors Club
- Universal Design for Learning Committee

1st

BA college-to-university program in Canada to offer virtual learning classrooms



Engineering

ontariotechu.ca/eng

Automotive Engineering

Comprehensive
Engineering*

Electrical Engineering
Smart Grid

Manufacturing
Engineering

Mechanical Engineering
Energy Engineering

Mechatronics
Engineering

Nuclear Engineering

Software Engineering
Internet of Things

Your career possibilities:

Autonomous and Automated Driving Systems
Engineer

Cloud Solutions Architect

Electric Vehicle Research Engineer

Engineering Consultant/Project Manager

Environmental Approvals Planner

Food and Beverage Process Engineer

Medical Device Development Engineer

Mobility Solutions Engineer

Nuclear Engineer

Remotely Operated Vehicles Technician

Safety Assessment Engineer

Smart Home Devices Engineer

Waste Management and
Decommissioning Engineer

*This option is intended for those who are undecided on which engineering program they want to take. Prior to Year 2, you're required to apply to change to one of our engineering programs. Changing programs is competitive; admission is not guaranteed to your program of choice. Should you not meet the requirements, you may be placed in another engineering program.

Want to see the specific courses you'll be taking in your program?
Visit ontariotechu.ca/calendar.

“

When deciding where to study engineering, there were many factors I considered; Ontario Tech was the stand-out school for each one. The industry connections stood out—Hydro One and Ontario Power Generation to name a couple. You learn from upper-year students during your placements and also know that these reputable companies trust the university.

Ontario Tech goes above and beyond to support their female engineering students; from the lifelong friendships fostered through the Women in Engineering Society, to scholarships for females.

ISABEL SMITH

Electrical Engineering, class of 2024

The Research Rundown

Bi-weekly podcast that tells the story of engineering research at the university

Automotive & Manufacturing

Only accredited undergraduate engineering programs of their kind in Canada

Industry-ready learning



Hands-on learning and the use of the industry's latest technologies in our lab spaces.



Design and test the functionality of engineering products, using various tools and software in our internationally renowned ACE Climatic Wind Tunnel.



Programs created in consultation with key industry reps in the field of energy and radiation that meet the many challenges, and growing employment opportunities in these fields.



Gain knowledge of different energy sources, scenarios and risks for building a more sustainable future.



Use our high-tech, fully-equipped Jeffrey Boyce Engineering Innovation and Design Studio—create models, test prototypes and collaborate with classmates.



Integrate and innovate in our Sigma Lab—a world-class innovation space with digital tools like virtual reality for energy applications.



Management option: Complete an extra year of courses and you'll gain a solid foundation in business, accounting, finance, operations, marketing, and human resources.

First-Year Engineering Success Program

ontariotechu.ca/engineeringsuccess

This program is designed to assist you with your transition to university-level engineering courses and any challenges you may have while adjusting to life at university.

Women in Engineering

ontariotechu.ca/wie

Build lifelong friendships through the peer-mentorship program, and be encouraged to reach your potential with our uplifting and supportive female engineering community.

Nuclear Engineering

Canada's only undergraduate program

100+

companies provide internship and co-op opportunities

Clubs and societies

- American Society of Mechanical Engineers
- Design League
- Engineering Students' Society
- Engineers Without Borders
- EngiQueers
- Institute of Electrical and Electronic Engineers
- North American Youth Generation in Nuclear
- Ontario Tech Racing
- Robot in 3 Days

Internationally ranked:

#3

in Ontario, ninth in Canada, as one of the best universities to study engineering (US News)

Top 5

Mechanical Engineering program in Ontario (US News)

Top 10

Electrical Engineering program in Ontario (Shanghai Ranking)



Medicine & Health

ontariotechu.ca/medandhealth

Affective Science and
Mental Health

Applied Biotechnology

Biological Science

Chemical Biology

Developmental
Psychological Science

Forensic Science

Health Administration*

Health Physics and
Radiation Science

Health Sciences

Human Health Science

Integrative Neuroscience

Kinesiology

Life Sciences

Nursing

Pharmaceutical
Chemistry

Psychology

Public Health

Your career possibilities:**

Registered Kinesiologist

Registered Nurse

Biotechnology and Pharmaceutical Researcher

Chiropractor

Dentist

Epidemiologist

Forensic Technologist

Health Administration and Management Leader

Health Policy Advocate

Occupational Health and Safety Co-ordinator

Occupational Therapist

Physical Therapist

Physician

Sport, Exercise or Health Psychologist

*Pending approval.

**Some of these careers may require further study.

Want to see the specific courses you'll be taking in your program?
Visit ontariotechu.ca/calendar.

“

Ontario Tech has been a key driver of me becoming the nurse I have always dreamed of! The university has supported me through hands-on experiences through clinical placements, compassionate professors, and amazing supports for my mental wellness and career development. They've helped me grow into who I was meant to be in the health-care field.

SAFA MALEK

Nursing, class of 2021
Direct Care Worker, Stewart Homes

Industry-ready learning



Satisfy course requirements for applying to medical school, dentistry, pharmacy or veterinary school.



Perform assessments and interventions on simulation mannequins in our Interprofessional Centre of Excellence Lab.



Examine real patient tissues to learn about the progression of diseases and disorders.



Conduct blood typing and blood compatibility tests using high-quality clinical instruments.



Collect and analyze evidence, and apply it to investigations in our unique Crime Scene House.



Real-world, valuable and relevant learning with experiential learning, and co-op.



Medical School pathway

Ontario Tech students who successfully graduate from the following programs with a minimum cumulative GPA of 75 per cent, will receive entry* to the Doctor of Medicine (MD) program at either Saba University School of Medicine, Medical University of the Americas, or St. Matthew's University School of Medicine:

- Chemical Biology
- Human Health Science
- Life Sciences
- Health Sciences
- Integrative Neuroscience
- Public Health

*To learn more about the pathway program, including MD admission requirements and scholarships, visit ontariotechu.ca/medschoolpathway

Clubs and societies

- Campus Emergency Response Team
- Canadian Nursing Students' Association
- Health Sciences Society
- Interprofessional Health Student Network
- Med Lab United
- Mental Health Council
- Pre-Medical Society
- Pre-Optometry Club
- Science Council
- Students Investing in Brain Research and Development
- Students Involved in Global Health Today

College-to-university transfer programs

Turn an Ontario college diploma (or equivalent) into a degree in as little as two years. See which programs are available to you at ontariotechu.ca/pathways.

Health Sciences research practicum

Participate in your final year, and work closely with faculty members on a research project and/or something you'd like to pursue in the future

#1

undergraduate university in Ontario for medical science grants

24

students per Kinesiology laboratory section, ensuring more hands-on experiences

Science co-op education

Flexible, paid work placements of 4, 8, 12 or 16 consecutive months

100+

local, regional, and national organizations provide clinical and internship placements

1,000+

clinical hours for Nursing students

Science

ontariotechu.ca/science

Affective Science and
Mental Health

Applied and Industrial
Mathematics

Applied Biotechnology

Astrophysics

Biological Science

Chemical Biology

Chemistry

Computer Science

Data Science

Developmental
Psychological Science

Digital Media

Environmental Biology

Environmental
Toxicology

Forensic Biology

Forensic Chemistry

Forensic Physics

Forensic Science

Health Physics and
Radiation Science

Health Sciences

Human Health Science

Integrated Mathematics
and Computer Science

Integrative
Neuroscience

Life Sciences

Marine Biology*

Nanotechnology and
Clean Energy

Pharmaceutical
Chemistry

Physics

Psychology

Your career possibilities:**

Biotechnologist

Computational Modeler

Conservation Biologist

Crime Scene Officer

Drug Discovery and Pharmaceutical Researcher

Energy Supply Specialist

Environmental Protection Officer

Epidemiologist

Forensic Technologist

Financial Analyst

Machine Learning and Data Scientist

Medical Professional (e.g. Dentist, Physician,
Pharmacist, Veterinarian)

Nanotechnologist

Occupational Health and Safety Co-ordinator

Social Media/Digital Marketing Specialist

*Pending approval.

**Some of these careers may require further study.

Want to see the specific courses you'll be taking in your program?
Visit ontariotechu.ca/calendar.

“

The professors I have in the Biological Science – Life Sciences program are unparalleled. Science courses are filled with instructors who genuinely care about you and go above and beyond to help you succeed. You'll receive the support you need to maximize your university experience.

ERIC DOYLE

Biological Science major, Life Sciences specialization, class of 2023

Industry-ready learning



Collect and analyze evidence, and apply it to forensic investigations in our unique Crime Scene House.



Take on diverse math problems like determining fuel strategies for hybrid vehicles.



Use various instruments for radiation detection, measurement, and isotope identification within industrial and environmental contexts.



Learn from professors who are world-renowned specialists in their fields.



Model stellar atmosphere and simulate galaxy collisions using modern computational physics methods.



Develop your own interactive web and mobile applications by using tech-industry operating platforms.



Look at the effects of chronic drug use on the brain, how modern pharmaceuticals help treat the symptoms of anxiety and depression, and how traumatic events influence a child's development.



Study at the Bermuda Institute of Ocean Sciences in one of the world's most diverse, open-ocean ecosystems. Immerse yourself in well-equipped floating labs to support numerous scientific endeavours in the ocean environment.

Clubs and societies

- Health Sciences Society
- Pre-Medical Society
- Pre-Optometry Club
- Science Council
- Students Investing in Brain Research and Development

Science Café

ontariotechu.ca/sciencecafe

Developed to provide additional academic support and mentorship to undergraduate students.

College-to-university transfer programs

Turn an Ontario college diploma (or equivalent) into a degree in as little as two years. See which programs are available to you at ontariotechu.ca/pathways.

Management option

Complete an extra year of courses and you'll gain a solid foundation in business, accounting, finance, operations, marketing and human resources

1 of 2

Forensic Science programs in Canada, fully accredited by the American Academy of Forensic Sciences' Forensic Education Programs Accreditation Commission

Science co-op education

Flexible, paid work placements of 4, 8, 12 or 16 consecutive months



82%

of science students are employed within six months of graduation

Social Science & Humanities

ontariotechu.ca/ssh

Affective Science and Mental Health

Alternative Dispute Resolution

Communication and Digital Media Studies

Criminal Justice

Criminology and Justice

Developmental Psychological Science

Forensic Psychology

Human Rights Law

Information Law

Legal Studies

Liberal Studies

Political Communication

Political Science

Psychology

Social Justice, Globalization and Development

Youth, Crime and Justice

Your career possibilities:*

Communications Specialist

Corrections Officer

Counsellor

Health Services Employee

Human Rights Advocate

Lawyer

Market Researcher

Paralegal

Parole Officer

Police Officer

Policy Analyst

Probation Officer

Psychologist

Public Relations Officer

*Some of these careers may require further study.

Want to see the specific courses you'll be taking in your program?
Visit ontariotechu.ca/calendar.

“

As a graduate of the Criminology and Justice program, I am now preparing to complete my Bachelor of Education at Ontario Tech to teach youth who have been in conflict with the law. I was fortunate enough to have met some of my long-time friends in my program and have been impacted by a variety of professors throughout my undergrad.

CAITLIN MORGAN

Criminology and Justice major, Forensic Psychology minor, Youth Crime and Justice specialization, class of 2021
Education, class of 2022

Industry-ready learning



Gain insight into how psychology helps provide solutions to issues concerning the justice system.



Learn how social media and artificial intelligence define modern communication technology.



Critically analyze the impact of political systems, laws and policies on various groups—including racialized communities.



Engage directly with community partners; help them identify and provide potential solutions to problems related to social inequality.



Create and implement professional communication campaigns.



Explore the complex and evolving connections between advanced technology, and humanity.

Research Centres at Ontario Tech

Centre on Hate, Bias and Extremism
ontariotechu.ca/chbe

Social Research Centre
src.ontariotechu.ca

The Digital Life Institute
digitallife.org

Connection Café
ontariotechu.ca/connectioncafe

Diverse weekly programming to get engaged, stay informed and explore.

Clubs and societies

- Communication and Digital Media Society
- Forensic Psychology Sub-Society
- Law Association
- Political Science Club
- Rotaract
- Social Science and Humanities Student Society

College-to-university transfer programs

Turn an Ontario college diploma (or equivalent) into a degree in as little as two years. See which programs are available to you at ontariotechu.ca/pathways.

Community Engagement

Partner with a small group of peers for organizations in need of project-based support; learn how your courses relate to social issues by linking real-life experiences to academic content

Double major

option available that allows you to explore two programs equally

80+

summer internship jobs to apply for

#1

undergraduate university in Canada for social science and humanities grants

150+

organizations provide practicum and internship opportunities



Minors

ontariotechu.ca/minors

What is a *minor*?

min • or

/ˈmīnər/

A secondary subject of personal or professional interest that complements the major program you're in.

We offer a diverse array to enhance your education, including:

Accounting

Astronomy

Biology

Business

Chemistry

Communication

Computational Science

Criminology and Justice

Data Science

Entrepreneurship

Finance

Forensic Psychology

Game Production
Management

Game Programming

Health Physics

International Business

Legal Studies

Marketing

Mathematics

Operations and Supply
Chain Management

Operations Management

Organizational Behaviour
and Human Resources
Management

Physics

Political Science

Sustainability Studies

Technology Management

Interested in one of our minors?

Some are open to all students while others are exclusive to students in specific programs. Your Academic Advisor (ontariotechu.ca/advising) can let you know which minors you're eligible for.





Experiential learning

Get hands on!

All of our undergraduate programs offer some form of experiential learning, allowing you to apply your Ontario Tech education and skills to the industry.

Faculty of:	Capstone	Clinical	Co-op	Entrepreneurial Work Term	Internship	Practicum/ Placement	Research/ Independent Study	Undergraduate Thesis
Business & IT	✓			✓	✓		✓	
Education					✓	✓	✓	✓
Energy Systems & Nuclear Science	✓			✓				✓
Engineering & Applied Science	✓			✓				
Health Sciences		✓			✓	✓	✓	
Science	✓		✓				✓	✓
Social Science & Humanities				✓	✓	✓	✓	✓



What they entail

Capstone

Study a business or organization, and work collaboratively with them to complete a comprehensive analysis and evaluation. Develop appropriate recommendations for improved performance by addressing a particular problem or group of problems.

Clinical

Develop your nursing skills and knowledge—in the finest hospitals and agencies—through clinical placements beginning in Year 1. Work with trained professionals and patients to enhance your professional development.

Co-op

Apply classroom and lab concepts to relevant fields of study, gaining valuable experience through embedded work terms that are primarily paid.

Entrepreneurial Work Term

Work together with community partners to develop business ideas or products over the course of the semester, and earn credit.

Internship

Work between 4 to 16 months, and gain practical career and research-related experience.

Practicum/Placement

Work directly with an organization that aligns with your personal, professional and academic goals. Expand your skillset while generating new contacts in your fields of interest.

Research/Independent Study

Work closely with faculty members on a research project. The work could be a project currently underway or one that a faculty member would like to pursue.

Undergraduate Thesis

Integrate and synthesize knowledge gained throughout your program of study, under the supervision of a faculty member or professional.

Highlights

Business & Information Technology

Paid internships are available for 4- to 16-month consecutive periods, allowing you to develop skills and gain hands-on work experience. You're eligible to complete two work terms (six credits) of internship opportunities.

Education

While undertaking your Bachelor of Education, you'll participate in three field placements in either Primary/Junior or Intermediate/Senior classrooms. While completing your Bachelor of Arts degree, you may participate in an Engaged Educator Project that provides opportunities for meaningful structural change for community groups.

Energy Systems & Nuclear Science

Connect with your peers outside the classroom through campus clubs; participate in field trips, and attend highly regarded industry conferences and workshops.

Engineering & Applied Science

Opportunities to gain valuable hands-on engineering experience through student design teams, clubs and societies, Women in Engineering, and Engineering Outreach.

Health Sciences

Collaborate and take a multidisciplinary approach to hands-on learning. Work with business and community partners in health services, home care, hospitals, private labs, regional health and social service departments, social planning councils, and more.

Science

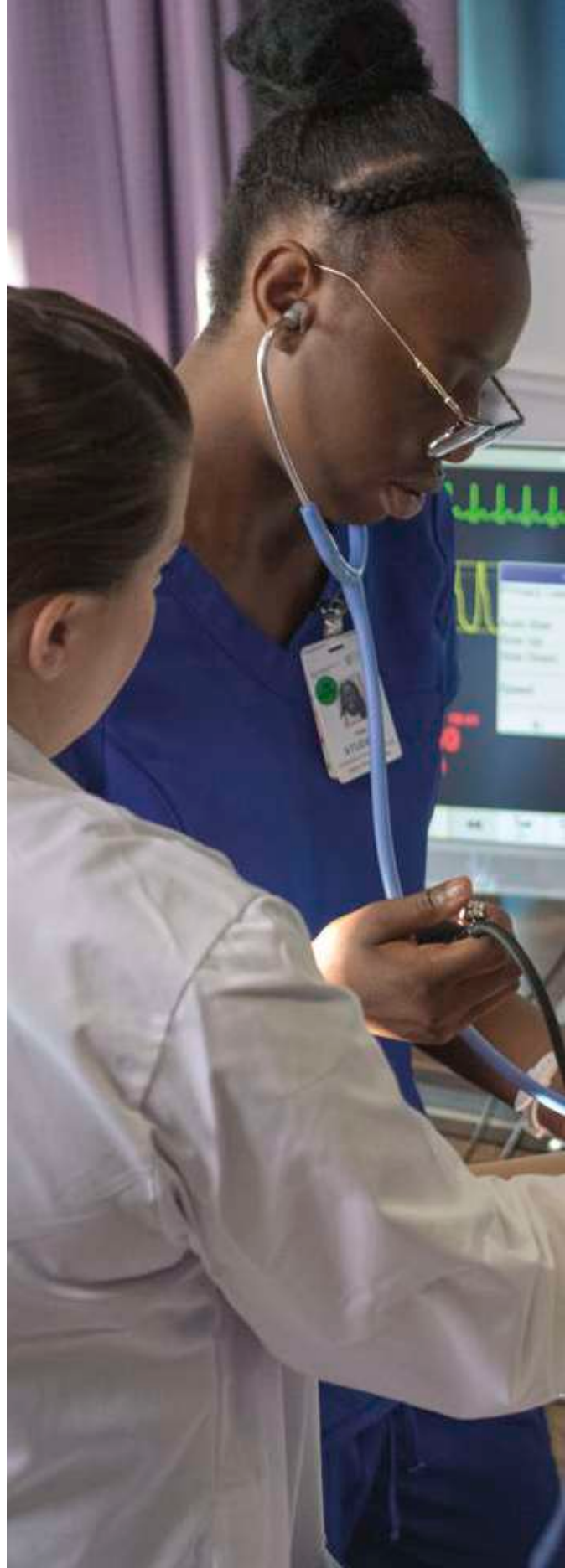
Paid co-op placements from 4 to 16 months in most science programs. Gain valuable hands-on experience through the Forensic Science capstone, Biological Science research program or the Chemistry Laboratory Techniques course.

Social Science & Humanities

Gain access to a variety of community engagement projects and partner organizations through practicums, and internships.

What are the benefits?

- 300+ industry and community partners to help you strengthen your resumé.
- Access to real-time coaching and feedback.
- Enhance your skills and gain valuable networking opportunities.
- If applicable to your program, earn money while you earn credits.



Let's hear it from them...



Kevin Yardy

Networking and Information Technology Security
IBM

Between Year 3 and 4, I completed a 16-month paid internship at IBM as a Network Support Specialist. Going into it, I felt fully prepared because of the three years of school knowledge I had already gained. IBM's internship program is truly outstanding—from the day-to-day job, to building and creating new relationships with other interns. I felt career-ready by gaining real-world experiences with cutting-edge technologies. The most rewarding part was being offered a contract extension for another eight months, which I happily accepted. Currently I am working as a Consultant with Quick Intelligence.



Sarah Whibbs

Education – Intermediate/Senior
Durham District School Board

My first practicum placement was in a Grade 8 classroom with a wonderful associate; the connections I made with my students are indescribable. My next placement was in a high school. My teachable subjects are Physical Education and General Science, therefore, I contributed to Grade 10 science classes. For my last placement, I am looking forward to seeing what is in store; I will likely be placed in either a Grade 7 or 8 classroom, as I believe my true passion lies with intermediate students. I cannot wait to become a full-time teacher with my own students.



Eddy Zhou

Nuclear Engineering and Management
Canadian Nuclear Laboratories (CNL)
Capstone project

In Year 2 I attended a field trip with my classmates to the Pickering Nuclear Generation Station where I immersed myself in the world of nuclear technology; I was able to see first-hand, what the possibilities of my future career could entail. In Year 3, I had the opportunity to visit the Port Hope Area Initiative's Historic Waste Program Management office, as well as Ontario Power Generation's (OPG) Waste Management Facility. During these visits, I was able to connect with industry professionals who provided me with guidance on how to prepare myself for my future career. Before my last year, I took on the Developmental Student Role at CNL and OPG, where I applied my skills and knowledge obtained from engineering courses to real industrial applications. In my final year of studies, I submitted a paper and poster to the annual Canadian Nuclear Society conference. Under the supervision of a faculty member, I also completed a capstone design project on the development of nuclear fuel for the next generation.





Dumebi Elueme

Automotive Engineering
General Motors | Women in Engineering

In my first year of Automotive Engineering, I participated in the Peer Mentoring program, in which an upper-year engineering student provided me with help and guidance as I transitioned to university in Canada. Between Year 2 and 3, I secured my own summer work placement at General Motors in Oshawa where I obtained hands-on experience in the automotive sector. In Year 3, I joined the Ontario Tech Combustion Lab where I worked on a research project. I then joined Women in Engineering and participated in the Career Mentorship program to kick-start my goals for future employment. In Year 4, I completed my capstone project, coming out of it with valuable skills and knowledge.



Teresa Horner

Nursing
Lakeridge Health Oshawa

My clinical experience started in the second semester of my first year, which I found unique to Ontario Tech. Starting early was incredibly beneficial; I was able to practice the skills we were learning in the lab in a real nursing setting right away. In total, I completed seven semesters of placements that were all very different. They ranged from the cardiac unit, to postpartum, to the mental health unit. From these experiences, I was able to narrow down which type of nursing I was interested in which solidified my career goals. My learned knowledge enabled me to pass my NCLEX-RN exam and successfully obtain a full-time job on an acute internal medicine unit at a hospital within my home city.



Ajevan Mahadaya

Computer Science
Department of National Defence | CIBC

The summer between Year 2 and 3, I went on a four-month co-op placement as an Aviation Operations Administrator with the Department of National Defence; following Year 3, I returned to in-class instruction. During this time, I accepted a 12-month, paid co-op with CIBC as an Application Developer in the Technology and Operations Department, in which I could really put my Computer Science degree into practice. After eight months, I applied for a new role with CIBC and was able to extend my placement into 16 months as a Technological Analyst. I returned for my final year of in-class instruction and graduated with many different work-term experiences and, best of all, a job offer at CIBC.



Riley Spigarelli

Criminology and Justice
DRIVEN – Victim Services of Durham Region

In Year 4, I completed a practicum. I knew going in that I had a passion for gender-based violence, so I joined DRIVEN—an agency that supports women experiencing all forms of abuse. This experience affirmed my passion and desire to build a career in the social services sector. Following this, I was hired on as the Program Manager and began working towards my career. Today, I am the Student and Volunteer Co-ordinator at Victim Services of Durham Region, and I wake up every day to a job I love.



International student services

ontariotechu.ca/iss

From the moment you receive your offer of admission, we connect you with our International Student Services team. Support services are provided by the International office to ensure a smooth transition as you embark on this new academic path. We help you find a sense of community, and nurture your student engagement and success.

Some of the support services we offer include:

- Assistance with your temporary-resident status (study permit, temporary resident visa, work permits, etc.).
- Intercultural adaptation during your adjustment to the university.
- International Student Orientation.
- Social events for connecting with other students.
- Volunteer opportunities for you to develop your leadership skills.
- Working through new experiences and assistance with transitioning to the university, Durham Region, and Canadian culture.
- Your University Health Insurance Plan (UHIP) registration.



Supports on campus

ontariotechu.ca/studentlife

Your experience with us is about more than attending classes in person or online. We provide the supports and connections you need to make your student journey right for you.

Here's a sample of some of the supports available to you:

Academic support

- Academic advisors
- Learning and study skills
- Peer tutoring
- Subject specialists

Accessibility

- Academic accommodations
- Technology advising accommodations

Career readiness

- Career supports
- Co-ops and internships
- Work experience on campus

Peer support and community

- Community events
- Digital community
- Indigenous Education and Cultural Services
- International student supports
- Mentoring

Inclusion and equity

- Equity education
- Events and workshops
- Leadership development
- Orientation and first-year transition



 [otstudentlife](#)

 [otstudentlife](#)

 [ot_studentlife](#)

Ontario Tech Student Union (OTSU)

otsu.ca

The OTSU is an on-campus organization whose student-elected reps work to enhance your experience. We offer essential services like a health and dental plan, and a wealth of clubs and societies. The OTSU works to empower the voice of our students and gives you a place to get involved in your community.

 [theotsu](#)

 [the_otsu](#)

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Clubs and societies

- | | | |
|---------------------------------|---------------------------------------|---|
| • Accounting Association | • Film Club | • Regenesis Environmental and Community-Building Organization |
| • Anime on Campus | • Gift of Culture Club | • Student Law Association |
| • Campus Church | • Islamic Relief | • The Youth Project |
| • Campus Community Gardens | • K-Pop Club | |
| • Caribbean Student Association | • Oshawa Chinese Christian Fellowship | |
| • Community Connect | • Political Science Club | |
| • Esports Club | • Pre-Medical Association | |

We offer **many more** clubs and societies to suit your interests. Check them out at otsu.ca/club.



Ridgeback life

goridgebacks.com



What is a Ridgeback?

ridge • back /'rijbak/

A Ridgeback is a dog that is powerful, loyal, tenacious and focused, and embodies our university's identity. Our faithful mascot—Hunter—is a Ridgeback who represents our 250+ varsity student-athletes, and intramural and extramural teams, as well as everyone that steps foot on our campus to learn.

- otridgebacks
- ot_ridgebacks
- ot_ridgebacks

What makes YOU a Ridgeback?

Athletics and recreation

Varsity teams

- Badminton
- Basketball
- Curling
- Dance
- Golf
- Ice hockey
- Lacrosse*
- Rowing
- Soccer

Intramurals

- Badminton
- Basketball
- Dodgeball
- E-Games
- Flag football
- Floorball hockey
- Ice hockey
- Soccer
- Ultimate frisbee
- Volleyball

Extramurals

- Flag football*
- Ice hockey
- Volleyball

Sports clubs**

- Cricket
- Dance
- Equestrian
- Ultimate frisbee

*Currently only offered as a women's team.

**Sports clubs are subject to change every year.

Health and wellness services

- | | | | |
|-------------------------|------------------------|-----------------------------|------------------------|
| • Athletic facilities | • Ice skating | • Mental health counsellors | • Self-defence classes |
| • Chiropractors | • Indoor running track | • Mood walks | • Support groups |
| • Counsellors | • Massage therapists | • Online webinars | |
| • Fitness classes | • Medical doctors | • Personal training | |
| • Gym membership | | • Pharmacy | |
| • Health insurance plan | | | |

1000+ group fitness classes every year.

Ice skating is **free** for students at the Campus Ice Centre with skate rentals available.





16

sports offered at the varsity level

1,692

goals scored by varsity hockey teams since the program began

2,000+

students register for intramural programming each year

2016

Ridgebacks won their first-ever Ontario University Athletics' (OUA) championship with women's soccer

2019

OUA women's lacrosse league MVP, rookie of the year and coach of the year were all Ridgebacks

Two-time

award recipient for the OUA's mascot of the year

Explore the world

ontariotechu.ca/international

Your learning is limitless—so is your classroom!

Want to study abroad while earning credits toward your degree? With an outbound exchange, the world awaits!

As an exchange student, you'll have the opportunity to gain international learning experience and see the world. You'll also remain eligible for bursaries and scholarships, and pay Ontario Tech tuition fees while at our partner institutions.



Experience the world, so you can change it

- ✕ Competitive advantage
- ✕ Experience new cultures
- ✕ Learn a new language
- ✕ Paid work and volunteer opportunities
- ✕ Scholarships
- ✕ Short- and long-term options



Elevate your ideas to new heights

We support and encourage students, faculty and staff to get involved in entrepreneurship by following their own interests, participating in a startup team, or taking an entrepreneurial approach to the workplace. Our Brilliant Catalyst space builds a community of experts, influencers, entrepreneurs and advisors to fuel innovative change, and put more Canadian ventures on the map.

ontariotechu.ca/brilliant

Your home away from home

ontariotechu.ca/residence

Guaranteed for all first-year students who apply to residence by June 1.

Residence living

- Controlled building access.
- Double-sized beds in all rooms.
- Game rooms, dance studios and lounges.
- High-speed Internet.
- Housekeeping and maintenance services.
- Kitchen facilities, including access to BBQs.
- Living-learning communities (LLC).
- Nightly events to support social and academic needs.
- On-site laundry.
- Residence advisors on each floor.
- Residence Outreach Worker.
- Roommate self-selection.
- Steps from the bus stop.
- Two residence buildings.

Meal plans

ontariotechu.ca/residence/meal-plans

We offer a variety of mandatory (South Village Residence) and optional flexible food plans, for students both living in residence and commuting.

Giving Engineering Academic Resources (GEARS) LLC

A community of first- and upper-year engineering students who live together, allowing for a diverse range of knowledge and experience to promote collaboration:

- Supported by faculty.
- Facilitated study sessions hosted within residence.
- Your LLC Resident Advisor is an upper-year engineering student.
- Live within a community of students who understand the demands of an engineering program and who provide peer support.
- Eighty-one per cent of students who participated in GEARS achieved good academic standing.

Gender-inclusive housing

Our residences offer gender-inclusive housing options that ensure inclusive communities; we respect all students' rights to self-identify gender. We offer gender-inclusive housing to acknowledge the diverse needs of the residence community, which cannot be met with traditional gender-based housing.

We offer:

- Single-gender housing:
Roommates who all self-identify as the same gender.
- Mixed-gender housing:
Roommates who self-identify as any gender.

Food for thought

ontariotechu.ca/dining

Home-cooked meals worth sticking around for.

Whether you're grabbing a freshly baked pastry at the Hive Café, a hand-carved turkey sandwich at Shop 61, a quick burrito or pasta dish—you can count on being served by a local Canadian company, delivering outstanding food services. You'll enjoy dishes prepared fresh each day, from scratch and with local ingredients.

Have dietary requirements and preferences?

You'll be well taken care of with a variety of vegetarian, vegan, halal and allergen-friendly dishes.



Residence floor plans



\$8,240* North Hall, Simcoe Village



\$7,780* South Village
(Meal plan required)



\$6,420* Central Hall, Simcoe Village
South Hall, Simcoe Village

 [dcotresidence](#)

 [dcotres](#)

 [dcotres](#)

 [dcotres](#)

*All fees are in Canadian dollars, based on the 2021-2022 academic year and are subject to change for 2022-2023.



Fees and finances

ontariotechu.ca/fees

Tuition

Education is an investment and we will help you achieve your dreams. Let's take a look at how much your first year may cost:

Total average cost

International ▶ Students living in residence:
\$38,865 to \$52,089



Breaking it down...

Program	International tuition
Allied Health Sciences	\$26,541
Arts	
Education	
Health Sciences	
Science	\$27,064
Nursing	
Computer Science	\$28,126
Integrated Mathematics and Computer Science	
Commerce	\$29,440
Information Technology	\$30,734
Engineering Technology	\$34,616

Then add the approximate additional fees:

-  Ancillary fees/other expenses **\$1,907***
-  Technology-enriched learning fee **\$134 to \$489***
-  On-campus residences **\$6,420 to \$8,240****
-  Meal plan **\$2,971 to \$5,945*****
-  UHIP **\$720**

*Dependent upon program of study.

**Dependent upon room style.

***Dependent upon plan.

All fees are in Canadian dollars, based on the 2021-2022 academic year and are subject to change for 2022-2023. For a complete list of tuition and fees, visit ontariotechu.ca/fees.

Scholarships

ontariotechu.ca/scholarships

You have worked hard for your grades and we want to recognize that hard work!

Global Leadership Award (application required)

\$72,000 (\$18,000 x four years)

- ☒ I applied to Ontario Tech University!
- ☐ I have at least an 85 per cent average.
- ☐ I am an exceptional leader.
- ☐ I am active in my community.

If you checked all the boxes above, we want to hear from you!

Awarded to an international secondary school student—studying outside of Canada—who demonstrates strong academic and leadership abilities.

Canadian citizens and permanent residents are **not** eligible for this award.

Deadline to apply: Thursday, February 24, 2022

Awards of recognition

If you are a current secondary school student in a Canadian high school, you are automatically awarded the following based on your top six final 4U/4M courses (or equivalent):

\$4,000	95 per cent or higher
\$2,000	90 to 94.9 per cent
\$1,000	85 to 89.9 per cent

In-course scholarships*

We will continue to recognize your academic achievements during your undergraduate degree, based on your grades in the previous academic year:

\$1,500	4.0 or higher GPA
\$1,000	3.7 to 3.99 GPA

*A minimum course load is required and you must be returning to full-time studies. Amounts vary based on GPA and donor contributions.

Additional scholarships, awards and bursaries are available. Visit ontariotechu.ca/scholarships to see how we can help!

15 to 20

on-campus
work-study
employment
opportunities
offered to
international
students each year

\$5,000

in grocery card
assistance given
each year

\$1,000+

available if you
achieve a minimum
3.7 GPA (on a 4.3
scale) in full-time
studies with us

\$100,000+

of bursary assistance
for emergency
situations

60

one-on-one
financial advising
appointments
available per week

English Language Centre (ELC)

ontariotechu.ca/elc

English for Academic Purposes (EAP)

Our EAP program provides a language pathway for students who meet the academic requirements for admission, but require additional English language training.

When you begin the EAP program, you will receive conditional admission to your degree program.

When you successfully complete Level 5 of the EAP program, you will meet the English language requirements for most programs. You will not need to take an English language proficiency test to qualify for admission.

SESSIONS	2021-2022 START DATE
Fall 1	Monday, August 30, 2021
Fall 2	Monday, October 25, 2021
Winter 1	Monday, January 3, 2022
Winter 2	Monday, February 28, 2022
Spring	Monday, April 25, 2022
Summer	Monday, June 20, 2022

Fee per eight-week level:
\$3,067

All fees are in Canadian dollars, based on the 2021-2022 academic year and are subject to change for 2022-2023.

Activities

Baseball
Floor hockey
Skating
Soccer

Field trips

Niagara Falls
Scugog Shore
Museum Village
Toronto

Pre-EAP

If you need more preparation before entering the EAP program, you will be admitted to the Pre-EAP program for a minimum of eight weeks.

This program focuses on building and improving basic English language skills. Upon successful completion of Pre-EAP, you will enter Level 1 of EAP.

“
Learning English at the ELC has been one of the best experiences for my academic development. The ELC creates a nice, cozy environment for students to learn a new language. I loved the EAP program because from the first day, teachers gave me the confidence to feel I was part of a new family. During my classes, I had the opportunity to meet new people from different countries and learn the knowledge of many other cultures. I greatly improved my English skills, thanks to everything the ELC offers to its students. I am now able to communicate much more effectively with others and am super grateful for my ELC family.
”

MONICA NARVAEZ GOYES
From Ecuador



English language proficiency

ontariotechu.ca/elp

English language proficiency (ELP) requirements

You can satisfy the ELP requirement through **one** of the following:

- Your first language is English.
- You completed the university's EAP program.
- You have completed at least three years of full-time study at a secondary or post-secondary institution where the language of instruction is English.*
- You have achieved the required proficiency scores on one of the English language tests acceptable to the university.

*Minimum three-year requirement does not include full-time enrolment in an English as a Second Language program.

Acceptable English language tests and scores**

You must arrange for your original test scores to be sent to us directly from the testing centre.

CAEL	70 with no sub-score below 60
Cambridge English: Advanced	Minimum score of 180 with no band lower than 170
Duolingo	Minimum score of 110 (Education and Nursing programs require a total score of 120)
IELTS***	6.5 to 7.0 with no sub-score below 6.0 (Education and Nursing programs require an overall score of 7.0)
PEARSON (PTE-ACADEMIC)	Minimum score of 58
TOEFL	Internet-based test (iBT) with a total score of 83 (Education and Nursing programs require a total score of 87), and minimum scaled scores of Listening: 20; Reading: 20; Speaking: 19; and Writing: 20. TOEFL iBT Home Edition results are also considered acceptable. Paper-delivered test results will be reviewed on an individual basis. The university's TOEFL code is 7178.

**Minimum scores vary by program.

***Ontario Tech University is an official IELTS test venue. Registration information—including test dates—can be found on ieltscanada.ca.



Admissions

ontariotechu.ca/admissions

ontariotechu.ca/applicanttype

Apply now

There are two ways to apply; choose one:

Option one:

If you are applying to more than one Ontario university, apply through the Ontario Universities' Application Centre (OUAC) website (ouac.on.ca).

Choose up to three programs for a base application fee of \$166. You may select additional programs at \$50 per choice.

Option two:

If you are only applying to Ontario Tech, apply internally at ontariotechu.ca/internationalapplication.

You can choose up to three programs for a \$100 application fee.

All applicants must also:

- Submit your supplemental documents and official transcripts. Transcripts must come directly from the school or issuing authority.
- When you are accepted to the university, apply for a study permit (cic.gc.ca). You will also be required to apply for either a temporary resident visa or electronic travel authorization.

Transfer student

ontariotechu.ca/transfercredit

Receive transfer credit from high school:*

Advanced Placement (AP)

- Minimum score of four on AP exams.
- Maximum of 18 credit hours can be granted.

Caribbean Advanced Proficiency Examination (CAPE)

- Minimum score of three on CAPE exams.
- Maximum of 18 credit hours can be granted.

General Certificate of Education (A level) courses

- A grade of C or better in A level courses.
- Maximum of 18 credit hours can be granted.

International Baccalaureate (IB)

- Minimum score of five on higher-level IB examination.
- Maximum of 18 credit hours can be granted.

*Transfer credits are not awarded for engineering programs.

Receive transfer credit from other post-secondary institutions:

Credits from post-secondary institutions within and outside of Canada will be evaluated on an individual basis.

COVID-19 update**

As you navigate the admissions process, we understand the difficulties that may arise in obtaining required documentation, and we encourage you to continue working with your school, national agencies and test providers to submit the required documents. We will work with all applicants and make necessary accommodations, offering flexibility with documents as required by individual circumstances.

For more information on COVID-19-related inquiries, visit ontariotechu.ca/admissions.

**Update given as of August 2021 and subject to change.





Admissions requirements

ontario**techu**.ca/internationaladmissions

Program	British-Patterned Education (British)	Caribbean Advanced Proficiency Examination (CAPE)	International Baccalaureate (IB)
Accounting Commerce Finance Health Administration* Marketing Organizational Behaviour and Human Resources Management Technology Management	English and Mathematics	Communication Studies and one of: • Applied Math 1 • Integrated Math • Pure Math 1	English and one of: • Mathematics: Analysis and Approaches • Mathematics: Applications and Interpretation
Game Development and Interactive Media Networking and Information Technology Security Technology Management	English and Mathematics	Communication Studies and one of: • Applied Math 1 • Integrated Math • Pure Math 1	English and one of: • Computer Science • Mathematics: Analysis and Approaches • Mathematics: Applications and Interpretation
Concurrent Education (apply through your program of choice)	Refer to regular program requirements	Refer to regular program requirements	Refer to regular program requirements
Automotive Engineering Comprehensive Engineering Electrical Engineering (Smart Grid) Health Physics and Radiation Science Manufacturing Engineering Mechanical Engineering (Energy Engineering) Mechatronics Engineering Nuclear Engineering Software Engineering (Internet of Things)	English, Chemistry, Mathematics and Physics	Communication Studies, Chemistry 1, Pure Math 1, Pure Math 2 and Physics 1	English, Chemistry, Physics and one of: • Mathematics: Analysis and Approaches • Mathematics: Applications and Interpretation (HL)
Health Sciences (Human Health Science; Public Health) Kinesiology	English, Biology and Mathematics <i>Chemistry is recommended</i>	Communication Studies, Biology 1 and one of: • Applied Math 1 • Integrated Math • Pure Math 1 <i>Chemistry is recommended</i>	English, Biology and one of: • Mathematics: Analysis and Approaches • Mathematics: Applications and Interpretation <i>Chemistry is recommended</i>

*Pending approval.

Program	British-Patterned Education (British)	Caribbean Advanced Proficiency Examination (CAPE)	International Baccalaureate (IB)
Nursing	English, Biology, Chemistry and Mathematics	Communication Studies, Biology 1, Chemistry 1 and one of: • Applied Math 1 • Integrated Math • Pure Math 1	English, Biology, Chemistry and one of : • Mathematics: Analysis and Approaches • Mathematics Applications and Interpretation
Applied and Industrial Mathematics Applied Biotechnology Astrophysics Biological Science (Environmental Toxicology; Marine Biology*) Chemical Biology Chemistry Environmental Biology Forensic Science (Forensic Biology; Forensic Chemistry; Forensic Physics) Integrative Neuroscience Life Sciences Nanotechnology and Clean Energy Pharmaceutical Chemistry Physics Psychology (Bachelor of Science) (Affective Science and Mental Health; Developmental Psychological Science)	English, Mathematics and one of: • Biology • Chemistry • Physics	Communication Studies, Pure Math 1 and two of: • Biology 1 • Chemistry 1 • Physics 1 • Pure Math 2	English, and one of: • Mathematics: Analysis and Approaches • Mathematics: Applications and Interpretation (HL) and one of: • Biology • Chemistry • Physics
Computer Science (Digital Media) Data Science	English and Mathematics	Communication Studies, Pure Math 1 and one of: • Physics 1 • Pure Math 2	English and one of: • Mathematics: Analysis and Approaches • Mathematics: Applications and Interpretation (HL)
Integrated Mathematics and Computer Science	English, Mathematics and Physics	Communication Studies, Pure Math 1, Pure Math 2 and Physics 1	English, Physics and one of: • Mathematics: Analysis and Approaches • Mathematics: Applications and Interpretation (HL)

*Pending approval.

British and CAPE notes:

- **British:** At least five IGCSE/GCSE/Ordinary Level academic subjects (including one English) and a minimum of two Advanced Level (A/A2 Level) academic subjects. Program prerequisites should be completed at the Advanced/A2 Level. Some programs may consider excellent grades presented at the O- or AS levels.
- **CAPE:** Minimum six units completed.
- **IB:** All prerequisite courses can be presented at the Standard or Higher Level, unless otherwise specified.

Admissions requirements

ontario**techu**.ca/internationaladmissions

Program	British-Patterned Education (British)	Caribbean Advanced Proficiency Examination (CAPE)	International Baccalaureate (IB)
Communication and Digital Media Studies Criminology and Justice (Criminal Justice; Youth, Crime and Justice) Legal Studies (Alternative Dispute Resolution; Human Rights Law; Information Law) Liberal Studies Political Science (Political Communication; Social Justice, Globalization and Development)	English	Communication Studies	English
Forensic Psychology Psychology (Bachelor of Arts) (Affective Science and Mental Health; Developmental Psychological Science)	English <i>Mathematics is recommended.</i> <i>Biology is recommended.</i>	Communication Studies <i>Applied Math 1 or Pure Math 1 is recommended.</i> <i>Biology 1 is recommended.</i>	English <i>Mathematics: Analysis and Approaches or Mathematics: Applications and Interpretation is recommended.</i> <i>Biology is recommended.</i>

British and CAPE notes:

- **British:** At least five IGCSE/GCSE/Ordinary Level academic subjects (including one English) and a minimum of two Advanced Level (A/A2 Level) academic subjects. Program prerequisites should be completed at the Advanced/A2 Level. Some programs may consider excellent grades presented at the O- or AS levels.
- **CAPE:** Minimum six units completed.
- **IB:** All prerequisite courses can be presented at the Standard or Higher Level, unless otherwise specified.



Connect with us

ontariotechu.ca/connectwithus

We're here to help! Customize your own experience and get information in a way that works for you through events, social media and more.

Find information about life at Ontario Tech via our Connect with Us Hub.

Webinars

ontariotechu.ca/webinars

Everything you need to know about life at Ontario Tech. Learn about our programs, and find support with applying to university, your next steps after you've received an offer of admission, what your first year of university will look like, financing your education and our community's favourite spots on- and off-campus.

Follow us on social media



[otfuturestudent](#)



[ridgebackpack02](#)

Virtual and on-campus tours

ontariotechu.ca/tours

Check out our award-winning academic buildings, student services, residences, athletic facilities and many other areas on campus. Choose your own adventure or let a member of our team show you around.

Book a meeting with a recruiter

ontariotechu.ca/connectwithus

Do you have questions about becoming our next student and want to discuss next steps one-on-one with a recruiter? Book a meeting with us.

Virtual and on-campus Open Houses

ontariotechu.ca/openhouse

Chat with faculty members, admissions officers, awards and financial aid, student life, current students, alumni and more.

Text us*

1.855.479.9318

Send us a text message with any additional questions.

*This number does not receive phone calls and is not a WhatsApp number. Standard text messaging rates apply.

Stay connected

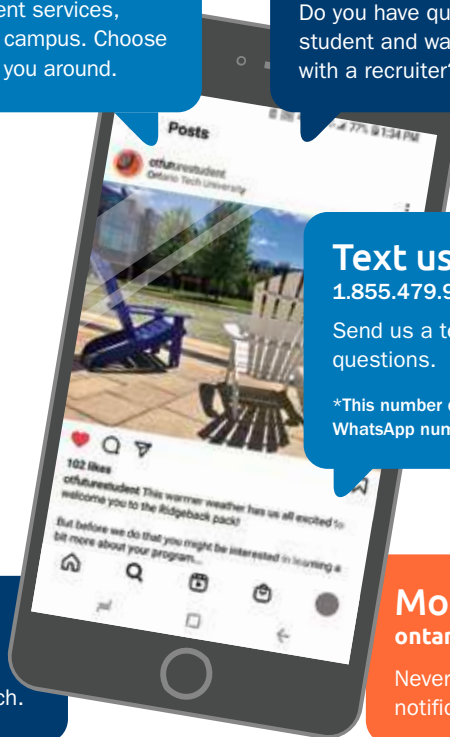
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Campus maps

North Oshawa campus location



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

Downtown Oshawa campus location



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

Programs

Accounting

Affective Science and Mental Health

Alternative Dispute Resolution

Applied Biotechnology

Applied and Industrial Mathematics

Astrophysics

Automotive Engineering

Biological Science

Chemical Biology

Chemistry

Commerce

Communication and Digital
Media Studies

Comprehensive Engineering

Computer Science

Concurrent Education

Consecutive Education
Intermediate/Senior

Consecutive Education
Primary/Junior

Criminal Justice

Criminology and Justice

Data Science

Designing Adult Learning
for the Digital Age

Developmental Psychological
Science

Digital Media

Early Childhood Studies

Educational Studies

Electrical Engineering

Energy Engineering

Environmental Biology

Environmental Toxicology

Finance

Forensic Biology

Forensic Chemistry

Forensic Physics

Forensic Psychology

Forensic Science

Game Development and
Interactive Media

Health Administration

Health Physics and
Radiation Science

Health Sciences

Human Health Science

Human Rights Law

Information Law

Integrated Mathematics
and Computer Science

Integrative Neuroscience

Internet of Things

Kinesiology

Legal Studies

Liberal Studies

Life Sciences

Lifelong Learning with Technology

Manufacturing Engineering

Marine Biology

Marketing

Mechanical Engineering

Mechatronics Engineering

Nanotechnology and Clean Energy

Networking and Information
Technology Security

Nuclear Engineering

Nursing

Organizational Behaviour and
Human Resources Management

Pharmaceutical Chemistry

Physics

Political Communication

Political Science

Psychology

Public Health

Smart Grid

Social Justice, Globalization
and Development

Software Engineering

Technology Management

Youth, Crime and Justice



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