



**Undergraduate Viewbook** 2023-2024





No two students take the same journey.

# Where will yours begin?

A home in Oshawa
The heart of Durham Region.

**Admissions** 

Connect with us

Prepare for university.

The first steps to your future.

Ridgebacks reflect
Defining success.

Programs
Your starting point.

Experiential learning
Get career ready.

Explore the world A limitless classroom.

Ridgeback life
You're more than just a student.

Your home away from home Residence and food.

Fees and finances
Your dreams are within reach.



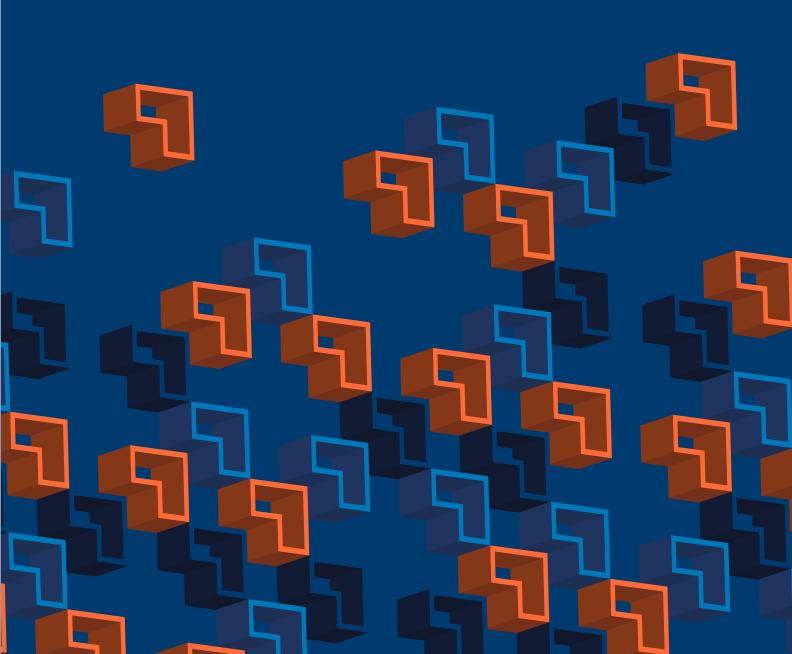
Ontario Tech University acknowledges the lands and people of the Mississaugas of Scugog Island First Nation. We are thankful to be welcomed on these lands in friendship. The lands we are situated on are covered under the Williams Treaties and the traditional territory of the Mississaugas, a branch of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

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 remember 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.

# Your Future Re-imagined

Prepare for a future you never thought possible with our experiential and work-integrated learning opportunities. Choose from over 1,100 industry partners—across a variety of dynamic sectors—to network with potential employers and take the next step towards your dream career.



## You'll find a home in Oshawa!

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

### **Dining**



The Canadian Brewhouse

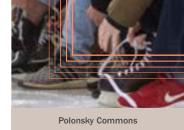




**Bollywood Tacos** 



**Harmony Valley Conservation Area** 



Arts and culture



Robert McLaughlin Art Gallery









restaurants within walking distance from our downtown Oshawa campus location

Top 5

market for tech talent growth in Canada

Ranked

one of the best communities in Canada by Maclean's magazine

city for jobs in Canada

hectares of parks and trails

**11,500**<sup>+</sup> companies creating 67,000+ jobs

### **Downtown Oshawa**

has been ranked one of Canada's Top 100 neighbourhoods

### 2 minutes from north campus

there is a conveniently located shopping complex with a variety of grocery, retail and dining options

## Ridgebacks reflect

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

### Within six months of graduation:

88%

of graduates are employed. Of the 88%, 75% are employed within their field of study.

**37**%

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

**25**%

of our undergraduates pursue further education and qualifications.

### Maclean's Magazine ranks us:

## Top 3

among primarily undergraduate universities for:

reputation

medical science grants

total research dollars

library

mental health services social science and humanities grants academic advising

### 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** 





44

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 prepare 21st-century learners for today's industry—all while making a difference in the world.



Scan here to learn more about our programs

Page 12

### **Business**

Accounting

Commerce

**Entrepreneurship** 

**Finance** 

**Health Administration** 

Marketing

Organizational Behaviour and Human Resources Management

**Technology Management** 

Page 18

## **Engineering**

**Automotive Engineering** 

**Comprehensive Engineering** 

**Electrical Engineering** 

**Energy Engineering\*** 

Industrial Engineering\*

Manufacturing Engineering

Mechanical Engineering

**Mechatronics Engineering** 

**Nuclear Engineering** 

Software Engineering

\*Pending approval.

## **Education**

**Concurrent Education** 

Consecutive Education - Intermediate/Senior

Consecutive Education – Primary/Junior

**Digital Technologies** 

**Early Childhood Studies** 

**Educational Studies** 

Equity, Diversity and Inclusion

Lifelong Learning with Technology

Page 14

Page 16

## 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

Page 24

### 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

Medical Laboratory Science

Nanotechnology and

Clean Energy

Pharmaceutical Chemistry

**Physics** 

**Psychology** 

Page 20

## 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

**Medical Laboratory Science** 

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

## **Business**

ontariotechu.ca/busi

Accounting **5** 

Commerce 8

Entrepreneurship 🖔

Finance 🖔

Health Administration

Marketing 🖔

Organizational Behaviour and Human Resources Management

Technology Management 🖔

### Your career possibilities:

Accountant

**Brand Manager** 

Credit Analyst

Director of Data and Analysis

Financial Planner

Human Resource Professional

**Investment Advisor** 

Social Media/Digital Marketing Specialist

### Co-op



Certain Business programs offer a co-op option. If you're interested, select the co-op program on your application. To learn more, visit ontariotechu.ca/co-op.

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

Admission requirements on page 56 and 57.

44 .

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**<sup>+</sup>

companies provide paid internships and capstone opportunities

100%

of students participate in experiential learning

60

international universities and industry partners around the world to collaborate with

## A few of our industry partners:

**CIBC** 

**Deloitte** 

**Hydro One** 

**IBM** 

Meridian
Credit Union

Microsoft

Ontario Power Generation

**Owasco** 

**PWC** 

**RBC** 

**Ubisoft** 





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



Co-op and internships in upper years to gain relevant industry experience.



Venture Creation 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 use every day; receive a recognition award and certificate to boost your resumé.

### **Clubs and societies**

- Accounting Association
- · Business and IT Student Society
- · DECA
- · Finance Association
- · Human Resources Association
- · Marketing Association
- · Tech Management Association
- · Women in Business

## College-to-university transfer programs

Turn an Ontario college diploma (or equivalent) into a degree in as little as two years. Learn more 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

Game Designer or Programmer

Information and Communication Technology Manager

Machine Learning and Digital Specialist

**Mobility Solutions Engineer** 

Virtual Reality/Augmented Reality Developer

### Co-op



Certain Computers and Technology programs offer a co-op option. If you're interested, select the co-op program on your application. To learn more, visit **ontariotechu.ca/co-op**.

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

Admission requirements on page 56 and 57.

#### 44

My time at Ontario Tech 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

### Student award winners

Five talented Ontario Tech students were 2021 finalists at Ubisoft Toronto NEXT—an annual competition designed to showcase the skills of game development students across the province and jumpstart their careers in the industry. Two students took home first place, while the three others placed second in their respective categories, across areas such as 3D Art, Technical Art, Gameplay Animation and Programming.



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)<sup>2</sup>, 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.



Explore critical research questions that seek to combine business, technology and sociology to take action against growing cybersecurity concerns in our multi-disciplinary Institute for Cybersecurity and Resilient Systems.



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
- Game Development Student Association
- · Hack Club
- · Networking and IT Security Society
- · Women in IT

## College-to-university transfer programs

Turn an Ontario college diploma (or equivalent) into a degree in as little as two years. Learn more at **ontariotechu.ca/pathways**.



companies provide paid internships and capstone opportunities

60

international university and industry partners around the world to collaborate with

## Program-relevant software

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

\$5,000

Women for STEM scholarships available for 20 eligible female students in STEM-focused degrees

### **Brilliant Catalyst**

Experiential learning hub designed to support collaboration and idea generation among students, faculty and industry experts, to accelerate the success of business ventures and empower the entrepreneurial mindset



Connect with us

ontariotechu.ca/connectwithus

## **Education**

ontariotechu.ca/education

Concurrent Education\*

Consecutive Education Intermediate/Senior

Consecutive Education Primary/Junior

**Digital Technologies** 

**Early Childhood Studies** 

**Educational Studies** 

Equity, Diversity and Inclusion

Lifelong Learning with Technology

### Your career possibilities:

**Adult Education Specialist** 

Early Childhood Education Specialist

**Educational Consultant** 

**Educational Publisher** 

E-Learning Designer

Elementary or Secondary School Teacher

English as a Second Language Teacher

Learning Environment Designer

Online Education Specialist

Special Education Resource Teacher

\*Apply directly to the undergraduate program you're interested in and select the Concurrent option on your application.

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

Admission requirements on page 56 and 57.

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Completing the BA-to-BEd pathway program was the best decision I've ever made! The BA program gave me the tools and confidence I needed to use digital technology in the classroom, providing a smooth transition from BA to BEd. I now have a full-time, long-term occasional teaching position—en route to my dream job as a teacher thanks to Ontario Tech.

### **SEVRINA FERNANDES**

Education, class of 2021

Elementary School Teacher, Durham Catholic District School Board

1st

BEd program to offer micro-credential in math and coding

96%

of students are employed within six months of graduation

29

students on average in upper-year classes

8

school boards for field placements

85%

of students graduate from the BEd program with an 80<sup>+</sup> average

1st

BEd program in Ontario to offer Mental Health First Aid certificate





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.



Four-year Bachelor of Arts (BA) in Education can be taken fully online or through a combination of online Educational Studies courses and in-person electives.



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.

### **Clubs and societies**

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

1st

BEd program to offer a fully online semester

## Unique opportunities in the BEd program:

- · Building Effective Classrooms workshops
- · Career preparation and job fair
- · Deaf and Hard of Hearing training
- · Environmental Education conference
- Equity and Diversity conference
- Heart & Minds Matter training
- Indigenous Education conference
- Makerspace Education



## Engineering

ontariotechu.ca/eng

Automotive Engineering 🖔

Comprehensive Engineering\*

Electrical Engineering \$\square\$
Smart Grid

Energy Engineering\*\* 🖔

Industrial Engineering\*\* 🖔

Manufacturing Engineering 🖔

Mechanical Engineering

**Energy Engineering** 

Mechatronics Engineering **8** 

Nuclear Engineering 
Bruce Power Women
in Nuclear Engineering
Internship Program\*\*\*

Software Engineering

\*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.

\*\*Pending approval.

\*\*\*This internship program is reserved for applicants who identify as female. Candidates must express an interest in multiple internship opportunities at Bruce Power located in Kincardine.

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

### Your career possibilities:

Autonomous Vehicle Engineer

**Cloud Solutions Architect** 

Electric Vehicle Engineer

Engineering Consultant/Project Manager

Medical Device Development Engineer

**Mobility Solutions Engineer** 

**Nuclear Engineer** 

**Robotics Engineer** 

Safety Assessment Engineer

**Smart Home Devices Engineer** 

Waste Management and Decommissioning Engineer

### Co-op



Our Engineering programs offer a co-op option. If you're interested, select the co-op program on your application. To learn more, visit **ontariotechu.ca/co-op**.

Admission requirements on page 56 and 57.

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

### Nuclear Engineering

Canada's only undergraduate program

\$5,000

Women for STEM scholarships available for 20 eligible female students in STEM-focused degrees

200+

companies provide internship and co-op opportunities



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



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 and the Engineering Machine Shop—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 peermentorship program, and be encouraged to reach your potential with our uplifting and supportive female engineering community.

## Automotive & Manufacturing

Only accredited undergraduate engineering programs of their kind in Canada

### Clubs and societies

- American Society of Mechanical Engineers
- · Association of Black Engineers
- · Design League
- · Engineering Student Society
- · Engineers Without Borders
- EngiQueers
- North American Youth Generation in Nuclear
- · Ontario Tech Racing
- Robot in 3 Days
- · Women in Engineering Society

## Internationally ranked:

#3

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

### #4

in Canada, as one of the best global universities for energy and fuel (US News)

### **Top 10**

Electrical and Mechanical Engineering programs in Ontario (ShanghaiRanking)





## 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 🗯

**Medical Laboratory** 

Science

Nursing

Pharmaceutical Chemistry 8

**Psychology** 

**Public Health** 

### Your career possibilities:\*

Biotechnology and Pharmaceutical Researcher

Chiropractor

Dentist

**Environmental Consultant** 

**Epidemiologist** 

Forensic Technologist

Health Administration and Management Leader

Health Physicist

Health Policy Advocate

Occupational Health and Safety Co-ordinator

Occupational Therapist

**Physical Therapist** 

Physician

Registered Kinesiologist

Registered Medical Laboratory Technologist

Registered Nurse

Sport, Exercise or Health Psychologist

\*Some of these careers may require further study.

### Co-op



Certain Medicine and Health programs offer a co-op option. If you're interested, select the co-op program on your application. To learn more, visit **ontariotechu.ca/co-op**.

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

Admission requirements on page 56 and 57.

44

Ontario Tech has been a key driver of me becoming the nurse I have always dreamed of! The university has supported me with 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



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.



Gain practical lab experience with modern equipment and a maximum of 23 students per lab in the Kinesiology Teaching Laboratory.



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



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



Perform diagnostic tests on blood, body fluids and tissue samples to detect diseases, disorders and infections.



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



Real-world, valuable and relevant learning through clinical placements, research practicums, internships and co-op, with 100+ local, regional and national organizations.

### 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.

### Veterinary school pathway

Ontario Tech students who successfully graduate with a minimum cumulative GPA of 75 per cent will receive entry\* to the Doctor of Veterinary Medicine (DVM) program at St. Matthew's University School of Veterinary Medicine.

\*To learn more about the pathway program, including DVM admission requirements and scholarships, visit ontariotechu.ca/vetschoolpathway.

### Clubs and societies

- Black Physicians of Tomorrow
- · Campus Emergency Response Team · Pre-Medical Society
- Canadian Nursing Students' Association
- Health Science Society
- Interprofessional Health Student Network
- · Kinesiology Council

- · Med Lab United
- · Pre-Optometry Club
- · Pre-Dental Club
- · Science Council
- · Students Involved in Global Health Today



undergraduate university in Ontario for medical science grants

clinical hours for Nursing students

degree-granting Medical Laboratory Science programs in Canada

\$5,000

Women for STEM scholarships available for 20 eligible female students in STEM-focused degrees

## 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 **8** 

Integrative
Neuroscience

Life Sciences 🖔

Marine Biology 🖔

Medical Laboratory Science

Nanotechnology and Clean Energy

Pharmaceutical Chemistry **8** 

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** 

Financial Analyst

Forensic Technologist

Machine Learning and Data Scientist

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

Nanotechnologist

**Nuclear Regulatory Program Officer** 

Occupational Health and Safety Co-ordinator

Registered Medical Laboratory Technologist

\*Some of these careers may require further study.

### Co-op



Certain Science programs offer a co-op option. If you're interested, select the co-op program on your application. To learn more, visit **ontariotechu.ca/co-op**.

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

Admission requirements on page 56 and 57.

44

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** 

Q

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.



Perform diagnostic tests on blood, body fluids and tissue samples.



Learn how to detect diseases, disorders and infections.



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**

- · Black Physicians of Tomorrow
- · Health Science Society
- · Med Lab United
- · Pre-Dental Club
- · Pre-Medical Society
- · Pre-Optometry Club
- · Science Council

## College-to-university transfer programs

Turn an Ontario college diploma (or equivalent) into a degree in as little as two years. Learn more at ontariotechu.ca/pathways.

## otfuturestudent ontariotechu.ca/connectwithus

Connect with us



## Science Café ontariotechu.ca/sciencecafe

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

1 of 2

Forensic Science programs in Canada, fully accredited by the American Academy of Forensic Sciences' Forensic Education Programs Accreditation Commission \$5,000

scholarships available for 20 eligible female students in STEMfocused degrees

## Management option

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

88%

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 Professional

**Corrections Officer** 

Counsellor

Government Sector Worker

Health Services Employee

**Human Rights Advocate** 

Lawyer

Market Researcher

Paralegal

Police Officer

Policy Analyst

Probation/Parole Officer

Professor

Psychologist

Public Relations/Digital Media Officer

Social Change Entrepreneur

Social Media/Digital Marketing Specialist

\*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.

Admission requirements on page 56 and 57.

44

My four years at Ontario Tech were nothing short of amazing! Through majoring in Criminology and Justice Studies I was able to expand my knowledge of the justice system and my interest in policing. Ontario Tech provided me with all of the tools I needed to succeed following graduation. During my fourth year of university, I was fortunate enough to be given the opportunity to complete a practicum with the Durham Regional Police Service.

Ontario Tech was always a welcoming place for me, and I created many fond memories. The staff always provided support and guidance through every aspect of my university experience. I am proud to call myself a Ridgeback!

**VICTORIA HEANEY** -

Criminology and Justice, class of 2022



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



Learn how to use digital communication tools to inform, persuade and change the world



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.



Explore the connection of law to community, government and society, and learn how to use law to advance social justice.



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

## Research Centres at Ontario Tech

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

Social Research Centre src.ontariotechu.ca

Digital Life Institute digitallife.org

## Connection Café ontariotechu.ca/connectioncafe

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

### **Clubs and societies**

- · Forensic Psychology Sub-Society
- · Political Science Club
- Rotaract
- Social Science and Humanities Student Society
- · Student Law Society

## College-to-university transfer programs

Turn an Ontario college diploma (or equivalent) into a degree in as little as two years. Learn more at ontariotechu.ca/pathways.

## Community engagement

Partner with a small group of peers to help 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

175+

organizations provide practicum and internship opportunities





## Experiential learning

ontariotechu.ca/experiential-learning

### Get career ready!

Experiential learning is the process of learning by doing and reflecting on that experience. All of our undergraduate programs offer some form of experiential learning, allowing you to apply your education and skills to the industry.

Faculty of:	Capstone	Clinical	Со-ор	Entrepreneurial Work Term	Internship	Practicum/ Placement	Research/ Independent Study	Undergraduate Thesis
Business & IT	✓		<b>√</b>	✓	✓		<b>√</b>	
Education						✓	$\checkmark$	$\checkmark$
Engineering & Applied Science	✓		$\checkmark$		✓			$\checkmark$
Health Sciences		$\checkmark$			$\checkmark$	$\checkmark$	$\checkmark$	
Science	✓		$\checkmark$				$\checkmark$	$\checkmark$
Social Science & Humanities	✓			$\checkmark$	✓	<b>✓</b>	$\checkmark$	$\checkmark$



### 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.

Please note: If you're interested in co-op, you can select the direct-entry co-op program on your application.

### **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**

Co-op or paid internships are available for 4- to 16-month consecutive periods, allowing you to develop skills and gain hands-on work experience. To receive a co-op designation, you must complete three work terms. Alternatively, you can complete two separate internship opportunities (six credits), a capstone project, entrepreneurial work term or research.

### **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.

### **Engineering & Applied Science**

Optional co-op program allows you to gain real-world experience, develop valuable skills to stand out to your future employer and graduate with a co-op designation. Additional opportunities include internships, student design teams, clubs and societies, Women in Engineering, Engineering Outreach and more.

#### **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

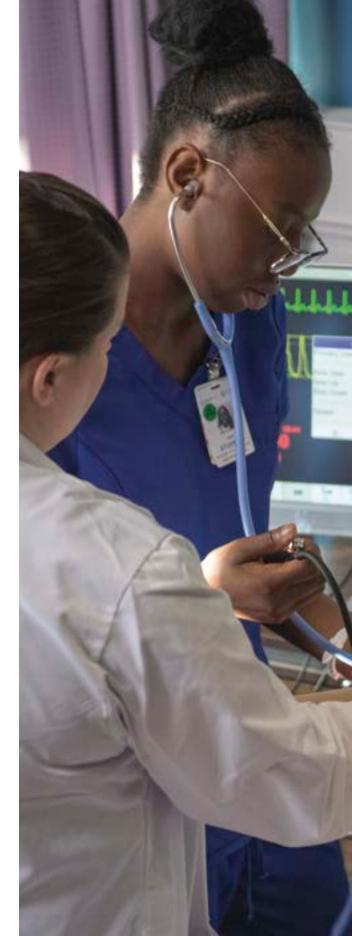
Paid co-op placements from 4 to 16 months in most science programs. Gain valuable hands-on experience through the Forensic Science capstone, Biological Science research program or the Chemistry Laboratory Techniques course.

### **Social Science & Humanities**

Paid internships, practicum placements with over 175 partner organizations, and access to a variety of community engagement projects.

### 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...

### Hannah Oegema

### Accounting Deloitte

I had the opportunity to participate in an internship at Deloitte after my third year. As a Commerce student majoring in Accounting, I knew that the Audit and Assurance practice at Deloitte would help provide meaningful work experience that was applicable to the classroom. This team-focused environment exposed me to many new people, software and accounting skills. I was given the opportunity to work independently during inventory counts throughout the Toronto area and meet with the clients to ensure all their needs were met. I look forward to joining Deloitte again in the near future to start my CPA journey.

### 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 look 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.

### **Keith Harrison**

### Nuclear Engineering Canadian Nuclear Safety Commission (CNSC)

Between years 3 and 4, I completed an outstanding 15-month paid internship at the CNSC. My internship made me career-ready by rotating me through different areas based on my interests. This allowed me to find my best fit experimentally, rather than staying in one place for the entire work term. The flexibility and different hands-on experiences provided me with a very clear picture of what I wanted to do after graduation. Before I graduated, I was offered a full-time position as an Assistant Analyst with Kinectrics, which is where I work now.



### **Noor Khabbaz**

### Mechatronics Engineering Quasar Consulting | Nuclear Promise X

Following my second year of classes, I completed a four-month paid co-op with Quasar Consulting. After this experience, I knew that staying as hands-on as possible was important to my learning and I secured two more paid co-ops with Nuclear Promise X. When I graduate next year, I will already have 12 months of engineering industry experience towards my Professional Engineers Ontario license.

### **Meghan Homeniuk**

### Kinesiology Holy Trinity Catholic Secondary School

I did my internship at Holy Trinity C.S.S. I had the opportunity to work with the phys-ed teacher, biology teacher and kinesiology teacher throughout the semester. I was entering my very last semester of my undergrad. Before starting the internship, I knew I wanted to teach but I did not have much experience or knowledge of the behind-the-scenes of being a teacher and what happens outside of the classroom. I learned and gained a lot of experience that will benefit my future career!

### Ajevan Mahadaya

### Computer Science Department of National Defence | CIBC

The summer between years 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 to 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.

### **Stacey Snow**

## Political Science Educational tour | The Back Door Mission

In 2019, the Practicum office partnered with a non-profit organization and offered the first international learning opportunity which was a 13-day educational tour of Central America. Along with this trip, students had to complete a minimum of 50 hours at a local organization during the semester. The educational tour was a window of opportunity to learn about human rights in Central America, but my practicum placement in my own city became an even wider window for me. Eight months later, I was hired by a service agency that was connected to one of those initiatives. I am happy to say I have started my career doing what I love, in a community I am proud to be a part of.

## A few of our industry partners:

- Academy of Canadian Cinema & Television
- · ACE Climatic Wind Tunnel
- · Aura Freedom International
- · BDO Canada LLP
- Blackberry
- · Bruce Power
- · Celestica
- · Child Development Institute
- Cisco
- · Deloitte
- · Durham District School Board
- · Durham Family Court Clinic
- Enbridge
- · Environment Canada
- General Motors
- · Government of Canada
- · Grandview Children's Centre
- · Hospital for Sick Children
- · Lakeridge Health
- · LifeLabs Medical Laboratory Services
- Ministry of Environment, Conservation and Parks
- Ontario Shores Centre for Mental Health Sciences
- · Owasco
- · Purdue Pharma
- · RSM Canada
- Siemens
- · Sun Life Financial
- · Toronto District School Board
- Ubisoft
- · Verkada
- · York Region District School Board

8,000+

students participated in experiential learning opportunities with over 1100 organizations across a variety of dynamic sectors between 2018-2021









## What is a minor?

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/'mīn r/

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

## We offer a diverse array of program minors to enhance your education, including:

Accounting\* Indigenous Studies

Astronomy International Business

Biology Legal Studies

Business\* Marketing\*

Chemistry Mathematics

Communication Operations and Supply Chain Management\*

. Criminology and Justice Operations Management\*

Data Science Organizational Behaviour and Human Resources

Educational Studies Management\*

Entrepreneurship Physics

Finance\* Political Science

Forensic Psychology Sustainability Studies

Health Physics\* Technology Management\*

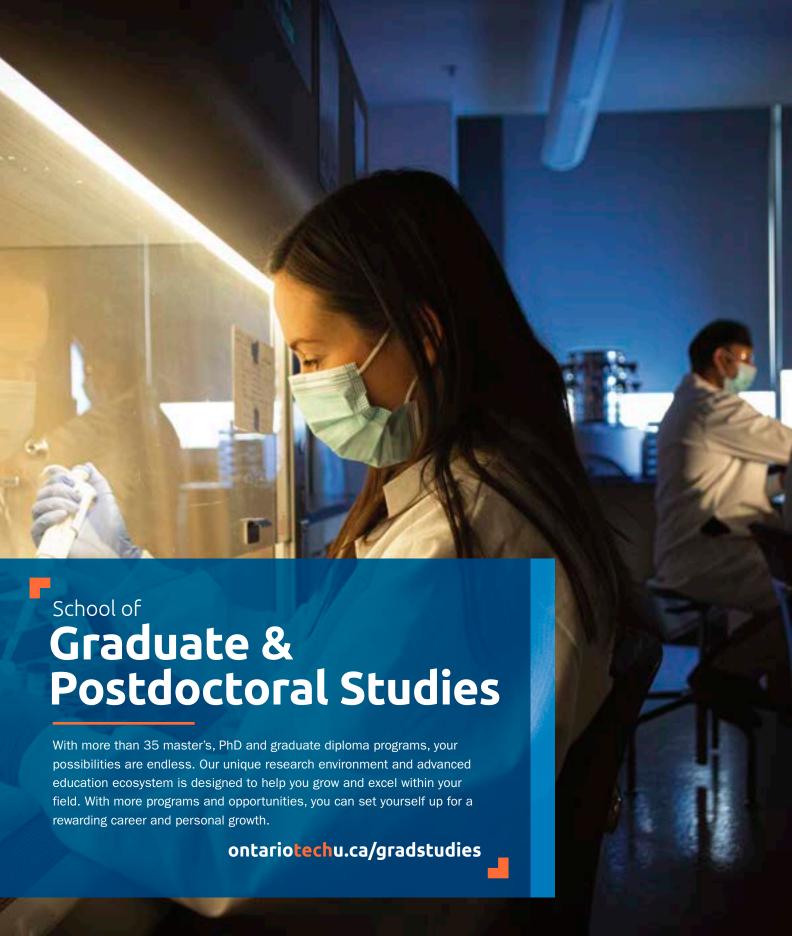
### Interested in one of our minors?

Your Academic Advisor (**ontariotechu.ca/advising**) can let you know which minors you're eligible for.



<sup>\*</sup>Restricted to students within a specific program.





## **Programs**

### **Graduate & Postdoctoral Studies**

### **Business and Information Technology**

Accounting (graduate diploma)

Business Analytics and Artificial Intelligence (MBAI)

Financial Data Analytics (MFDA)

Information Technology Security (MITS)

### Education

Education (MA, MEd and EdD)

Education and Digital Technologies (graduate diploma)

### Engineering

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)

Software Engineering (MASc and MEng)

### **Health Sciences**

Health Sciences (MHSc and PhD)

Nursing (MScN)

### Nuclear

**Nuclear Design Engineering (graduate diploma)** 

Nuclear Engineering (MASc, MEng and PhD)

Nuclear Technology (graduate diploma)

### Science

Applied Bioscience (MSc and PhD)

Computer Science\*\* (MSc and PhD)

Materials Science (MSc and PhD)

Modelling and Computational Science (MSc and PhD)

### Social Science and Humanities

Criminology (MA)

Criminology and Social Justice (PhD)

Forensic Psychology (MSc and PhD)

Police Leadership (graduate diploma)\*

Social Practice and Innovation (MA)

\*Pending approval.

\*\*Cross-faculty program.

### Fields of study

Many of our graduate programs have unique fields of study that allow you to focus on a specific area of specialization or concentration.

To find out if your program has a field of study, visit ontariotechu.ca/programs.

### Legend:

EdD: Doctor of Education

MA: Master of Arts

MASc: Master of Applied Science

MBAI: Master of Business Analytics and

Artificial Intelligence

**MEd:** Master of Education

MEng: Master of Engineering

**MEngM:** Master of Engineering Management

MFDA: Master of Financial Data Analytics

MHSc: Master of Health Sciences

MITS: Master of Information Technology Security

MSc: Master of Science

MScN: Master of Science in Nursing

PhD: Doctor of Philosophy



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

SARAH HABIBI

## Explore the world

international.ontariotechu.ca

### 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, scholarships and financial aid, and pay Ontario Tech tuition fees while at our partner institutions.



Ontario Tech gave me the opportunity to attend Linköping University in Sweden for their summer academy. The next year, I traveled to Tanzania, Africa, as a Queen Elizabeth II Scholar; both were unforgettable adventures. The university was behind me the entire way, always checking in to see if I needed anything. If you want to travel—while earning credits—I recommend visiting the International Education office to see what exchanges you are eligible for. It is a great experience and I would not change it for the world!

JESSICA MOREAU

Nursing, class of 2018

## Experience the world so you can change it

- ★ Competitive advantage
- ★ Experience new cultures
- ★ Learn a new language
- **★** Scholarships
- ★ Short- and long-term options

# Unlimited Possibilities

At Ontario Tech, we see possibility everywhere. We encourage students to embrace their potential, and we provide them with the tools they need to learn without limits. We offer more than 80 high-tech labs, modern, internationally recognized programs, and access to world-renowned teaching faculty.





Our 8,400-square-metre, fully-equipped Campus Recreation and Wellness Centre offers a gym membership, fitness programs, recreational leagues and more. If you're looking for a little competition, our Ridgeback teams contend at all levels. Other on-campus activities range from yoga, Pilates, boot camps and spin classes, to personal training, sports clubs, intramurals and extramurals. We've got something for everyone.



# 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 who steps foot on our campus to learn.

f otridgebacks

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# What makes YOU a Ridgeback?

#### Athletics and recreation

#### Varsity teams

- BadmintonBasketball
- 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

- Health and wellness services
- Athletic facilities
- $\cdot \ \, \text{Chiropractors}$
- · Counsellors
- Fitness classes
- Gym membershipHealth insurance
- Health insured plan
- Ice skating
- Indoor running track
- Massage
- therapists
   Medical doctors
- Mental health counsellors
- Mood walks
- · Online webinars
- Personal training

\*Currently only offered as a women's team.

\*\*Sports clubs are subject to change every year.

- Pharmacy
- Self-defence classes
- · Support groups

1000\* group fitness classes every year

Ice skating is **free** for students at the Campus Ice Centre















16 sports offered at the varsity level

44% of student-athletes had a GPA of 3.5 or higher in 2020-2021

2,000+ students register for intramural programming each year

2016

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

2022

12 student-athletes and coaches were named OUA all-stars or major award winners

Two-time

award recipient for the OUA's mascot of the year

# Supports on campus

ontariotechu.ca/studentlife



Student Life is the university's student support network outside of the classroom. We provide students with the services and resources they need to succeed academically, personally and socially.

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

## Academic support

- · Academic workshops
- · Learning and study skills
- · Peer tutoring
- · Subject specialists

## Accessibility

- Academic accommodations
- · Groups and workshops
- · Technology advising accommodations

#### Career readiness

- · Career counselling, fairs and events
- · Co-ops and internships
- · Work experience on campus

# **\*\*** Equity and inclusion

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

## Peer support and community

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

**ot**studentlife

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#### First-year transition

We know the transition to university can seem daunting, but we're here to help! We have academic advisors that specialize in offering support to first-year students. Visit academicadvising.ontariotechu.ca to learn more.

**Top 3** among primarily undergraduate institutions for mental health services and academic advising



I knew coming into Ontario Tech that
I really wanted to get involved on
campus. It happened really easily for
me and I feel like there were so many
opportunities. It wasn't a rigorous,
competitive environment. It was
more supportive. There were a lot of
opportunities for me to gain exposure

# and build a resumé. GURLEEN SAINI

Human Health Science, class of 2019

Doctor of Veterinary Medicine student, University of Melbourne

# Ontario Tech Student Union

(OTSU) - otsu.ca

The OTSU is a student-led organization dedicated to enhancing the student experience. We provide students with services and amenities that support physical and mental well-being, collaborative spaces to pursue passions and foster development. We also improve student life through advocacy and leadership.

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## Clubs and societies

Our clubs and societies bring like-minded people together to develop skills and cultivate friendships. Each faculty has its own society and there are nearly 100 student-led clubs such as photography, game programming, anime, racing and much more. Check them out at otsu.ca/clubs.

## **Events and services**

Enhancing the student experience is what we're all about! Throughout the year, we host a ton of fun and enlightening events, as well as offer services for job interviews, collegiate-level esports, filing taxes, grad photos and more.

## Health and wellness

We provide students with several services that support wellness, including a robust health and dental plan, and mental health supports.









# 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 BBOs
- 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

#### ontariotechuresidence.ca/meal-plans

We offer a variety of mandatory\* and optional flexible food plans, for students living in residence or commuting. Meal plans range from \$3,025 to \$6,175, depending on the plan.\*\*

- \*Meal plan mandatory for South Village residents only.
- \*\*All fees are based on the 2022-2023 academic year and are subject to change for 2023-2024. For a complete list of meal plan options, visit ontariotechuresidence.ca/meal-plans.

# 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:

- Live within a community of students who understand the demands of an engineering program and who provide peer support
- Supported by faculty
- · Facilitated study sessions hosted within residence
- · Your LLC Resident Advisor is an upper-year Engineering student
- 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 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



\$8,450\* North Hall, Simcoe Village



\$6,600° Central Hall, Simcoe Village South Hall, Simcoe Village



\$8,000\* South Village (Meal plan required)

- **f** dcot**residence**
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\*All fees are based on the 2022-2023 academic year and are subject to change for 2023-2024. For a complete list of tuition and fees, visit ontariotechu.ca/fees.





# **Expanding student spaces for unlimited potential**

We believe that investing in our campus means investing in our students. We build innovative technology-enhanced academic and student support spaces, research labs, classrooms, study and lounge areas, and space for student-run societies to foster unlimited possibilities. Beautiful Shawenjigewining Hall, named from an Anishinaabe word meaning 'a place of kindness' is our newest campus building that will foster collaboration and connection amongst its visitors and will truly be a space that you will want to stick around in.



# Fees and finances

ontariotechu.ca/fees

## **Tuition**

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

## Total average cost

**Domestic > Local students:** 

\$8,103 to \$11,618

**Domestic > Students living in residence:** 

\$17,728 to \$26,243

**International** > Students living in residence:

\$41,697 to \$57,539





## Breaking it down...

Dicaking it down					
	Program	Domestic	International		
	Allied Health Sciences				
	Arts				
	Education	\$5,983	\$29,196		
	Health Sciences				
	Science				
	Nursing	\$6,101	\$29,771		
	Computer Science				
	Integrated Mathematics	\$6,340	\$32,344		
	and Computer Science				
	Commerce	\$8,088	\$32,384		
	Information Technology	\$9,031	\$35,345		
	Engineering	\$9,390	\$39,808		

# Then add the approximate additional fees:



Ancillary fees/other expenses \$2,008\*



Technology-enriched learning fee \$112 to \$342\*



On-campus residences \$6,600 to \$8,450\*\*



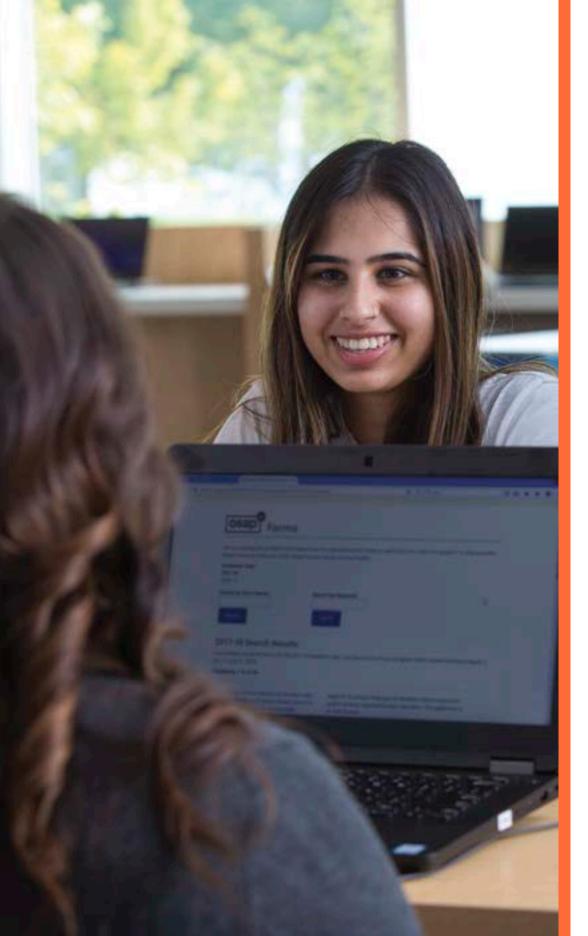
Meal plan \$3,025 to \$6,175\*\*\*



UHIP \$756 (international students only)

- \*Dependent upon program of study.
- \*\*Dependent upon room style.
- \*\*\*Dependent upon plan.

All fees are based on the 2022-2023 academic year and are subject to change for 2023-2024. For a complete list of tuition and fees, visit ontariotechu.ca/fees.



# \$1.4M<sup>+</sup> in donor awards given

out in 2021-2022

one-on-one financial advising appointments available per week

**200**<sup>+</sup>

on-campus work-study employment opportunities offered each year

incoming students receive awards of recognition

to students in the form of non-repayable assistance

# **Scholarships**

ontariotechu.ca/scholarships

# **Awards of recognition**

You've worked hard for your grades and we want to recognize that!

If you're a current Canadian secondary school student, you're 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'll continue to recognize your academic achievements during your undergraduate degree, based on your grades in the previous academic year:

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

<sup>\*</sup>Minimum GPA and course load required and you must be returning to full-time studies. Amounts vary based on GPA and donor contributions.

# Women for STEM Scholarship Program

Twenty scholarships of \$5,000 each, automatically awarded to women with high averages entering STEM programs.

This program includes mentorship, special events and a \$2,000 renewable opportunity for qualified students.



## Major entrance scholarships

#### **Application required**

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

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

#### Chancellor's Scholarship\*

One valued at **\$36,000** (\$9,000 x four years)

#### President's Scholarship\*

Two valued at **\$30,000** (\$7,500 x four years)

#### Founder's Scholarship\*

Two valued at **\$24,000** (\$6,000 x four years)

\*Only one application to be considered for all five scholarships.

#### FIRST Robotics Canada Scholarship

One valued at **\$12,000** (\$3,000 x four years)

Deadline to apply for all major entrance scholarships: February 23, 2023

Additional scholarships, awards and bursaries are available. The university determines acceptable academic credentials, grades and prerequisite courses to be used for eligibility. For more information on applications, terms and equal access, visit ontariotechu.ca/scholarships.



Receiving the President's Scholarship helped me immensely. I didn't have to stress over my tuition fees as most of it was covered. This allowed me to allocate more of my time towards things I loved such as my academics, extracurricular activities and getting involved in my community. I'm very thankful for the scholarship and to the university for recognizing me!

AMIR SIDDIQUE

Biological Science major, Life Sciences specialization, class of 2021



# **Admissions**

ontariotechu.ca/admissions ontariotechu.ca/applicanttype

When you apply to university through the Ontario Universities' Application Centre (OUAC), you'll apply as either a 101 or 105.

## Applicant type

#### An Ontario secondary school student (101)

· Received a PIN from your guidance office for the OUAC.

#### Not an Ontario secondary school student (105)

- Already completed your Ontario Secondary School Diploma
- Attending a Canadian out-of-province secondary school
- International student
- · Mature student
- · Transfer student

## AP and IB transfer credits\*

Transfer credit may be awarded if you have completed Advanced Placement (AP) or International Baccalaureate (IB) courses:

#### **AP**

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

#### IB

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

\*AP and IB transfer credit are not awarded for engineering programs.

# College and university transfer credit

There is no application required to be considered for transfer credit. Once you receive and accept your offer of admission, our transfer-credit team will conduct an assessment of your previously obtained courses.

Transfer credit is assessed on a case-by-case basis and is at the sole discretion of the university. Supporting documents such as institutionally prepared course syllabi may be requested.

## **Special considerations**

#### **Equity Admissions Policy**

If you feel that there are elements of your identity and/or life experiences that have uniquely prepared you for studies in a particular field, you may submit a request for an additional assessment conducted by our Equity Admissions Committee. Equity-deserving communities including BIPOC, women, 2SLGBTQIA+, having a disability, religious minorities and/or those with low income are encouraged to apply.

To complete the equity admissions consideration form, visit **ontariotechu.ca/equityadmissions**.

#### **Indigenous Admissions Policy**

If you identify as Indigenous (Status or Non-Status First Nation, Métis and/or Inuit), you may apply to have a separate assessment conducted by our Indigenous Admissions Committee.

To complete the Indigenous Admissions Consideration form, visit **ontariotechu.ca/indigenousadmissions**.

#### COVID-19 update\*\*

We continue to monitor developments with respect to school closures and test postponements/cancellations. We understand the situation is fluid and as things change, we will continue to evaluate our procedures in how we are assessing admission applications.

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

\*\*Update given as of August 2022 and subject to change.

#### Thursday, January 12

Application deadline for current Ontario secondary school students for Fall 2023 admission.

# Apply now!

You're one step closer.

#### Thursday, February 23

Application deadline for the Chancellor's, President's and Founder's scholarships, and FIRST Robotics Canada Scholarship.

# 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 English for Academic Purposes program.
- You completed at least three years of full-time study at a secondary or post-secondary institution where the language of instruction is English.\*
- You achieved the required proficiency score on one of the English proficiency tests acceptable to the university.
- \* The minimum three-year requirement does not include full-time enrolment in an English as a Second Language program.

## **English proficiency tests and scores**

#### CAEL

Minimum score of 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**

Overall score of 6.5 with no sub-score less than 6.0 (Education and Nursing programs require an overall score of 7.0)

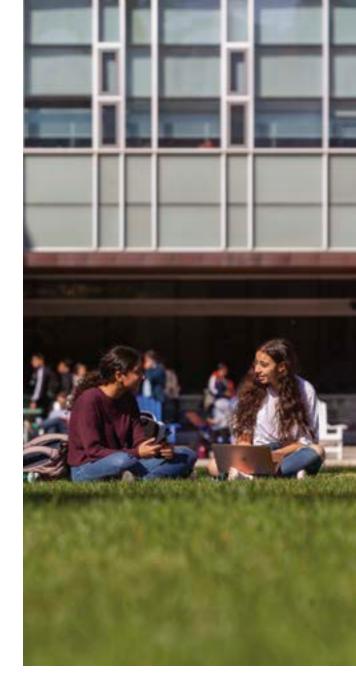
Ontario Tech University is an official IELTS test venue. Registration information—including test dates—can be found on ieltscanada.ca.

#### 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



#### Thursday, June 1

Response deadline to your offer of admission.

Residence applications must be received to guarantee your spot.

#### Monday, May 29

Last date current Ontario secondary school students—who applied by the January 12 deadline—will receive a decision on their application.

#### Friday, June 9

Deadline to pay your \$500 non-refundable tuition deposit.





# Admissions requirements

ontariotechu.ca/admissions

Program	Ontario Secondary School Diploma (OSSD) graduates	International Baccalaureate (IB) graduates
Accounting Commerce Entrepreneurship Finance Health Administration Marketing Organizational Behaviour and Human Resources Management Technology Management	ENG4U and one of: • MDM4U • MCV4U • MHF4U	English and one of:  • Mathematics: Analysis and Approaches  • Mathematics: Applications and Interpretation
Game Development and Interactive Media Networking and Information Technology Security Technology Management	ENG4U and one of: ICS4U · MHF4U MDM4U · MCV4U	<ul> <li>English and one of:</li> <li>Computer Science</li> <li>Mathematics: Analysis and Approaches</li> <li>Mathematics: Applications and Interpretation</li> </ul>
Automotive Engineering Comprehensive Engineering Electrical Engineering (Smart Grid) Energy Engineering* Health Physics and Radiation Science Industrial Engineering* Manufacturing Engineering Mechanical Engineering (Energy Engineering) Mechatronics Engineering Nuclear Engineering Software Engineering (Internet of Things)	ENG4U, MHF4U, MCV4U, SCH4U and SPH4U	English, Chemistry, Physics and one of:  • Mathematics: Analysis and Approaches  • Mathematics: Applications and Interpretation (HL)
Applied and Industrial Mathematics Applied Biotechnology Astrophysics Biological Science (Environmental Toxicology; Marine Biology) Chemical Biology Chemistry Environmental Biology Forensic Science Integrative Neuroscience Life Sciences Nanotechnology and Clean Energy Pharmaceutical Chemistry Physics Psychology - Bachelor of Science (Affective Science and Mental Health; Developmental Psychological Science)	ENG4U, MHF4U and two of: • MCV4U • SCH4U • SBI4U • SPH4U	English, and one of:  • Mathematics: Analysis and Approaches  • Mathematics: Applications and Interpretation (HL) and one of:  • Biology  • Chemistry  • Physics

<sup>\*</sup>Pending approval.

Program	Ontario Secondary School Diploma (OSSD) graduates	International Baccalaureate (IB) graduates
Computer Science Data Science Digital Media	ENG4U, MHF4U and one of: ICS4U · SPH4U MCV4U	English and one of:  • Mathematics: Analysis and Approaches  • Mathematics: Applications and Interpretation (HL)
Integrated Mathematics and Computer Science	ENG4U, MHF4U and two of: • ICS4U • SPH4U • MCV4U	<ul><li>English, Physics and one of:</li><li>Mathematics: Analysis and Approaches</li><li>Mathematics: Applications and Interpretation (HL)</li></ul>
Health Sciences Human Health Science Public Health Kinesiology	ENG4U, SBI4U and one of: • MCV4U • MHF4U • MDM4U  SCH4U is recommended	<ul> <li>English, Biology and one of:</li> <li>Mathematics: Analysis and Approaches</li> <li>Mathematics: Applications and Interpretation</li> </ul> Chemistry is recommended
Medical Laboratory Science	ENG4U, SBI4U, SCH4U and one of: • MCV4U • MHF4U	<ul> <li>English, Biology, Chemistry and one of:</li> <li>Mathematics: Analysis and Approaches</li> <li>Mathematics: Applications and Interpretation (HL)</li> </ul>
Nursing	ENG4U, SBI4U, SCH4U and one of: • MCV4U • MHF4U • MDM4U	<ul><li>English, Biology, Chemistry and one of:</li><li>Mathematics: Analysis and Approaches</li><li>Mathematics: Applications and Interpretation</li></ul>
Concurrent Education (apply through your program of choice)	Refer to regular program requirements.	Refer to regular program requirements.
Communication and Digital Media Studies Criminology and Justice (Criminal Justice; Youth, Crime and Justice) Educational Studies (Digital Technologies; Early Childhood Studies; Equity, Diversity and Inclusion; Lifelong Learning with Technology) Legal Studies (Alternative Dispute Resolution; Human Rights Law; Information Law) Liberal Studies Political Science (Political Communication; Social Justice, Globalization and Development)	ENG4U	English
Forensic Psychology Psychology - Bachelor of Arts (Affective Science and Mental Health; Developmental Psychological Science)	ENG4U One of MHF4U, MCV4U or MDM4U is recommended SBI4U is recommended	English  Mathematics: Analysis and Approaches or Mathematics: Applications and Interpretation is recommended  Biology is recommended

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.

# Follow us on social media







connected with us!

## **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.

# On-campus and virtual 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.

## Open House and Experience Days

ontariotechu.ca/openhouse ontariotechu.ca/experiencedays

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

#### Stay connected ontariotechu.ca/mailinglist

Sign up and stay in the loop about all things Ontario Tech.

#### Chat with us

ontariotechu.ca/connectwithus

Chat with a recruiter live on our website to get on-the-

# Book a meeting with a recruiter

ontariotechu.ca/meetwithus

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.

#### Text us\* 1.855.479.9318

Send us a text message with any additional auestions.

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

#### Mobile app ontariotechu.ca/mobile

Never miss a beat with important notifications—download the mobile app.



# **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

**Developmental Psychological** 

Science

**Digital Media** 

**Digital Technologies** 

**Early Childhood Studies** 

**Educational Studies** 

**Electrical Engineering** 

**Energy Engineering** 

Entrepreneurship

**Environmental Biology** 

**Environmental Toxicology** 

**Equity, Diversity and Inclusion** 

**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** 

**Industrial Engineering** 

**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** 

**Medical Laboratory Science** 

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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