The transition to university holds many special challenges for new students. **ENGINEERING**
Congratulations, your journey to become an engineer has started! On behalf of the Dean, faculty members, staff and current students, we would like to welcome you to the Faculty of Engineering and Applied Science (FEAS).

As a FEAS student, you are enrolled in one of our six engineering programs: Automotive, Electrical, Manufacturing, Mechanical, Mechatronics, or Software Engineering. As part of these programs, you also have the option to specialize within your discipline such as; the Energy specialization in Mechanical Engineering, the Smart Grid specialization in Electrical engineering, or the Internet of Things specialization in Software Engineering. Our programs are designed to provide you with the solid foundation and life long learning skills needed to be successful in your future career.

As your start your university experience, please take advantage of all the resources that are available to you to ensure your academic success. It is important to maintain a balance between your studies and participating within the faculty activities. I encourage you to take advantage of the variety of engineering student clubs like; The Engineering Society (EngSoc), and the Engineering Design teams; be active and involved; and participate and take the lead when you have the chance. Use your university journey as an opportunity to gain meaningful experiences. I wish you a wonderful first year at Ontario Tech University!

Regards,

Hossam Kishawy, PEng.
Professor and Associate Dean
Welcome to Ontario Tech University! We are thrilled that you are joining the Faculty of Engineering and Applied Science. We are confident that you will enjoy your program and our vibrant university environment.

Theeben Jegatheesan, Jennifer Racine, Holly MacPherson, and Kelly Crocker make up the Academic Advising team. Theeben and Jennifer are your first year academic advisors, and are your main points of contact within the Faculty. They are here to answer all of your questions and give you the advice you need to guide you through your academic journey.

Please feel free to contact Theeben and Jennifer with any questions or concerns, whether it is academic or personal. You are welcome to e-mail or drop-in during our office hours.

Our Office will:
- Address questions related to all aspects of student life.
- Help you establish realistic educational goals and plans.
- Assist in the selection of appropriate classes.
- Assess and discuss your academic progress and standing.
- Help you address challenges that may affect reaching your academic goals.
- Discuss and aim to improve your study habits and skills.
- Interpret academic policies and procedures.
- Discuss issues which affect your academic performance.
- Connect you with campus services.
- Provide advise regarding withdrawals or adding/dropping classes.
- Keep information discussed in advising sessions confidential.
- Provide guidance for successful progression towards graduation.

Call Academic Advising 905.721.8668 ext 3078
Email us at firstyear.engineering@uoit.ca
Sign up for text notifications at 905 555 5555
Follow us on social media! @OT_FEAS
Visit us online at engineering.uoit.ca
Drop in to see us! ENG 1027

YOUR FIRST YEAR CHECKLIST
- Take a walk around campus, find your classes and a spot to study.
- Make a four month calendar with the important dates for the semester including:
  • assignments
  • deadlines
  • midterms
  • project dates
- Introduce yourself to your professors and TA’s and get to know them so asking questions is easier.
- Download the Blackboard app and check it frequently to keep up to date on class announcements, and messages from your academic advisors.
You must bring your own laptop. Check online for information like:
- Laptop Hardware specifications
- Suggested Devices
- Faculty Provided Software
- Available IT Services
itsc.ontariotechu.ca/byod-tele

LEARN
about academic integrity at the University. It is your responsibility to know what academic misconduct consists of.

READ
your Syllabus! Understand the process if you miss an assignment, quiz, midterm, or final exam due to extenuating circumstances.

WRITE
down the important dates for the semester; refund dates for when dropping classes, the co-curricular breaks and the exam dates. These are all in the Academic Calendar!

SURVIVAL TIPS
1. Attend class regularly and be an active participant.
2. Write down important dates from your syllabi.
3. Check your .NET email, it’s the official form of communication.
4. Make sure you are registered for both fall and winter courses.
5. If you need it, ask for help early in the semester, 12 weeks goes by very fast.
6. Study every day instead of cramming right before a test.

When you start at Ontario Tech you will be an adult learner and your success will depend on you! While hard work is essential to your success, so is having fun. Grades are important, but a healthy mind is crucial to your happiness, and thus your success.
MAKE IT COUNT!

Your university experience is about what you do both in and outside the classroom. There are many ways to get involved and meet new people including orientation events, joining a team, club, or society, or studying in the common space in residence.

CAMPUS ORIENTATION
Tuesday, September 3 & Wednesday September 4
ALL DAY

4D MOVIE EVENT
Tuesday, September 3
7:00pm-10:00pm
The Automotive Centre of Excellence (ACE)

GET INVOLVED FAIR
Thursday, September 5
9:00am - 12:00pm
Polonsky Commons

CAR SMASH
Thursday, September 5
3:00pm
ACE Parking-lot

CLUBS AND TEAMS

Get hands on engineering experience by joining a club, team, or society. Attend conferences and competitions, sit on important committees, and expand your learning into real world applications!

Find out more at engineering.uoit.ca

ENGSOE
Engineering Students Society

MOTORSPORTS
Automotive Student Design Team

IEEE
Institute of Electrical and Electronics Engineers

EWB
Engineers without Borders

Robotics Team
Mars Rover Engineering Design Team

WIE
Women in Engineering Sub Society
University is full of new experiences and challenges, but don’t worry because you’re not alone!

Both Ontario Tech and the Faculty of Engineering have many resources and supports to help you overcome any barriers or challenges you might face.

**WOMEN IN ENGINEERING**

**ELLEN JAMES**
Chemical Engineering
Women in Engineering program coordinator

Ellen is here to provide support and guidance for female engineering students, as well as run exciting and valuable programming and events throughout the year.

**What is it?**
The goal of the Women in Engineering program is to create a sense of community between female engineering students, and to provide programming that will add value to your educational experience.

We regularly host events that revolve around topics like; support, community involvement, networking, and professional development. Previous events include:
• Co-op and internship info session
• Interview preparation
• Resume development
• Professional networking
• Alumni dinner
• Conferences

**Why get involved?**
You will also have access to many volunteer opportunities which can add experience to your resume, such as: on campus events, and outreach initiatives, where you can share your engineering knowledge with youth throughout the community.

You are encouraged to get involved with our Peer Mentorship program where you will be matched with an upper year student who will give advice and help guide you through your first year.

If you have any questions about what the Women in Engineering program entails, please email: ellen.james@uoit.ca

**FIRST YEAR ACADEMIC ADVISING**
ENG 1027
905.721.8668 ext. 3078
firstyear.engineering@uoit.ca

Theeben and Jennifer are your first year academic advisors, are your first stop with any questions or concerns related to academics and everyday life at university! Book an appointment or drop by in the afternoon to see them - even if you just want to chat!

To book and appointment: engineeringuoit.youcanbook.me

**STUDENT MENTAL HEALTH SERVICES**
US Building
905.721.9932
studentlifeline.uoit.ca

At Ontario Tech University, we want to encourage a healthy mindset, and understand the close association between student health and wellness and academic success. Therefore, Student Mental Health Services offers a range of services for students to promote their positive mental health, strengthen their resilience, and help manage the multiple demands of university life.

**STUDENT LEARNING CENTRE**
US Building
905.721.8668 ext. 6578
studentlearning@uoit.ca

The Student Learning Centre is here to helps you strengthen your academic skills and build a Foundation for future success which includes; learning study strategies, working with a math or engineering specialist, meeting with a peer tutor and attending workshops such as:
- Study Strategy Workshops
- Course Content Workshops

**STUDENT ACCESSIBILITY SERVICES**
US Building
905.721.3266
studentaccessibility@uoit.ca

Student Accessibility Services works with students with disabilities to ensure they have equal opportunities for academic success.
WHAT YOU SHOULD KNOW ABOUT YOUR GPA

Students are required to maintain a minimum cumulative grade point average (GPA) of 2.00 to be in clear academic standing and avoid academic penalties.

Since your cumulative GPA is calculated each semester, this means you must achieve a semester GPA of 2.0 in your first semester.

If you would like to enroll in a co-op or internship placement, you must have a cumulative GPA of 2.3 and be in good standing.

ENGINEERING SUCCESS PROGRAM

This program is mandatory for any first year student who is on probation after the completion of their first academic semester (Fall GPA of less than 2.00)

Details:
In the winter semester:
• A student can only take 3 courses.
• Students are encouraged to repeat courses from the previous semester in which they attained a grade of D or lower.
• Students must actively participate in google classrooms which include workshops and assignments.

CO-OP & INTERNSHIP

ANNE COULBY
Co-Op and Internship Officer
ext. 5702
Location: ACE 2010
engineering.internship@uoit.ca

The Engineering Co-op and Internship Office is here to assist you in all aspects of finding an appropriate Co-Op or Internship placement that will help you get valuable engineering work experience while completing your undergraduate degree program.

The Engineering Co-op and Internship program at the university is optional, rather than being a mandatory component for graduation. Placements can range anywhere from 4 to 16 months and, as a student, you have some flexibility based on your program map around when is the best time for you to be out on a work placement.

Your first co-op term is available after the completion of 2nd year. Many students do a 4 - 16 month internship after 3rd year. International students can only participate in 4 month summer co-op terms.

It’s never to early to start thinking about a co-op or internship placement!

I would recommend that any student go on a co-op or internship because it will let you apply your skills to real world problems, and give you a better understanding of what is available in your field.

Patrick Andruzkiewicz
Software Engineer
4 Month co-op at RBC as a Data Scientist

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Software Engineer
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At the Faculty of Engineering and Applied science, we hope that you will find a sense of community, whether living on or off campus.

If living on campus, you will be a part of the GEARS program, which hosts study sessions, provides peer support, and leads to lasting friendships.

Not living on campus? That’s Ok. There are many ways to get involved and resources for you to feel supported. Sign up for a peer mentor, who will answer questions, give advice, and help you face your first year as an engineering student!

Here’s a map of key places we think you may find helpful on campus!

**CRWC**
- **Campus Recreation and Wellness Centre**
  - The CRWC is home to 5 gymnasiums, an elevated indoor jogging track, and a state of the art fitness centre.
  - **Campus Health Centre**
    - An on campus health clinic for students.
  - **Lovell Drugs**
    - A convenient on campus drug store.
  - **Fun Fact!** Did you know that there are several intermural teams you could be a part of?

**UB BUILDING**
- **Business and IT Building**
  - **First Year Classrooms**
    - You will find many of your first year classes.

**OPG BUILDING**
- **Ontario Power Generation Engineering Building**
  - **Engineering Labs**
    - You will have several labs in this building, such as Intro to Engineering and Engineering Design!
  - **Don’t get lost!** The OPG building is attached to the ACE building, so pay attention!

**UA BUILDING**
- **Business and IT Building**
  - **First Year Classrooms**
    - You will have some tutorials in UA 2030, and lectures in 1350.
  - **Tim Hortons**
    - Visit this one if you’re short on time!

**SIRC BUILDING**
- **Software Informatics Research Building**
  - **First Year Course Classrooms**
    - Here you will find some of your first year classes, such as Programming or Intro to Engineering.

**WHAT’S HERE?**
- **The Registrars Office**
  - They can provide information and help you with things like fees, payments and financial aid.

**WHAT’S HERE?**
- **Student Life is the university’s student support network outside of the classroom. Here you will find resources such as:**
  - Student Mental Health Services
  - The Student Learning Centre
  - Student Accessibility Services
  - International Education
  - Student Engagement and Equity Services
  - Career Counseling
  - Peer leaders and Ambassadors

**WHAT’S HERE?**
- **Group Study Rooms**
  - Looking for a quiet place to study? You can book a group study room from their website.
  - There are also smartboards and screen sharing technologies in the 3rd floor study rooms to make collaboration easy.

**WHAT’S HERE?**
- **Equipment Loaning**
  - Forgot your charger, headphones or mouse at home? Need to borrow a microphone or a glue stick? You can loan out equipment from the circulation desk.

**STUDENT LIFE BUILDING**
- **Academic Advising**
  - ENG 1027. Academic Advising is your number one resource for all things Engineering related. Don’t be afraid to pop in and say hi!

**WHAT’S HERE?**
- **Student Life**
  - The student support network outside of the classroom. Here you will find resources such as:
  - First Year Classrooms
    - Here you will find many of your first year classes. UB 2080 is a large lecture hall that hosts classes such as Physics, Calculus and Algebra.
  - **Student Mental Health Services**
  - **The Student Learning Centre**
  - **Student Accessibility Services**
  - **International Education**
  - **Student Engagement and Equity Services**
  - **Career Counseling**
  - **Peer leaders and Ambassadors**