GUIDE TO FIRST YEAR

UNIVERSITY OF TORONTO Engineering

2019-2020
MESSAGE FROM THE REGISTRAR

In your first year at U of T Engineering, you will find yourself presented with many intellectual challenges and opportunities for self-discovery. Entering university comes with new-found independence and new responsibilities — and the Office of the Registrar is here to help you navigate the way.

Our goal is to support you within U of T Engineering’s dynamic and evolving learning environment, and we encourage you to connect with our Student Services Team. Here are some of the services we offer:

» Provide guidance on rules and regulations
» Maintain academic records
» Process petitions and appeals
» Issue letters of registration
» Manage post-exam services like Exam Viewing, Final Mark Re-checks and Final Exam Re-grades
» Provide advice on student loans, financial aid and scholarships
» Answer questions about the Faculty and University and refer you to useful resources

We have many resources in place to help you smoothly transition into university. This booklet — the Guide to First Year — is a valuable reference to get you started on your journey. Within these pages, you will find information to help you through the next several months and beyond. We encourage you to read this Guide carefully and keep it as a resource throughout your first year.

U of T Engineering strives to keep you at the forefront of engineering education through a range of learning opportunities. The new Myhal Centre for Engineering Innovation & Entrepreneurship (www.uoft.me/MyhalCentre) embodies key engineering qualities such as collaboration across disciplines, experiential learning, leadership and entrepreneurship. The building includes flexible, technology-enhanced active learning spaces, prototyping facilities to support design projects and dedicated space for student clubs and teams.

To prepare you for the ever-changing landscape of the engineering profession, we offer a spectrum of optional minors and certificates (www.uoft.me/engcertificatesandminors), including our newest minors in Artificial Intelligence and Music Performance. If you’re an Engineering Science student, you may be interested in the new Machine Intelligence major.

Developing as a young professional is also an important part of the U of T Engineering experience. Between the Professional Experience Year Co-op Program (PEY Co-op), The Entrepreneurship Hatchery, the Troost Institute for Leadership Education in Engineering, Summer Research Opportunities and the chance to study abroad, you have many pathways ahead to help develop your network and gain invaluable competency and experience — preparing you for whatever career direction you choose after graduation.

U of T Engineering is proud to consistently rank as the top engineering school in Canada and among the very best in the world.* I look forward to seeing the ways you will contribute to this environment of excellence and innovation. I wish you all the best in your first year.

Don MacMillan
FACULTY REGISTRAR

* Times Higher Education World University Rankings for Engineering and Technology
GETTING TO KNOW YOUR FIRST-YEAR SUCCESS TEAM

Our team of first-year specialists are here to help you successfully transition from high school to U of T Engineering. We will provide you with the resources you need to make informed decisions, as the choices you make in your first year will shape the rest of your academic career.

The First Year Team provides support through:

» Academic advising
» Referrals to U of T resources
» Summer foundation programming
» Coordination of first-year curriculum
» Weekly e-newsletter
» The facilitation of Guided Engineering Academic Review Sessions (GEARS) led by upper-year academic mentors
» Exam Jam events designed to help you prepare and de-stress before final exams

SUPPORT FOR STUDENTS IN THE CORE PROGRAMS & TRACKONE (UNDECLARED ENGINEERING)

FIRST YEAR OFFICE
Galbraith Building
35 St. George Street, Room 170
Toronto, ON M5S 1A4 Canada

416-978-4625 | firstyear@engineering.utoronto.ca
www.uoft.me/firstyearoffice

SUPPORT FOR ENGINEERING SCIENCE STUDENTS

ENGINEERING SCIENCE OFFICE
Bahen Centre for Information Technology
40 St. George Street, Room 2110
Toronto, ON M5S 2E4 Canada

416-946-7351 | engsci@ecf.utoronto.ca
Academic Advisor: nscl1_2@ecf.utoronto.ca
www.engsci.utoronto.ca

BACK ROW, FROM LEFT: Professor Chirag Variawa, Director, First Year Curriculum; David Bird, Acting Undergraduate Student Advisor (Years 1 and 2), Engineering Science; Dr. Micah Stickel, Vice-Dean, First Year; Mikhail Burke, Dean’s Advisor on Black Inclusivity Initiatives and Student Inclusion and Transition Mentor; Don MacMillan, Faculty Registrar; Leslie Grife, Associate Director, First Year Programs

FRONT ROW, FROM LEFT: JesusMiracle Chiadika, First Year Coordinator; Sherry Dang, Undergraduate Student Advisor (Years 1 and 2), Engineering Science; Jennifer Fabro, First Year Advisor; Emzhei Chen, Assistant Director, First Year Student Success and Transition
From the labs where innovation happens every day to the spaces where students unwind, U of T Engineering’s classrooms, services and research centres span 16 buildings on campus — all within walking distance of each other — and two (U of T’s Institute for Aerospace Studies and MaRS Discovery District) off campus. The map below identifies many of the buildings you’ll likely visit in your first year, including the new Myhal Centre for Engineering Innovation & Entrepreneurship.

You will be among the first students to experience the Myhal Centre’s technology-enhanced active learning rooms, prototyping facilities, design studios, high-tech auditorium, two-storey aerial robotics lab and generous space for student clubs and teams to collaborate. This world-class facility is also one of U of T’s most sustainable buildings. For details, visit www.uoft.me/MyhalCentre.

To find any building on campus, visit map.utoronto.ca.
YOUR SUMMER CHECKLIST

MAY/JUNE
- Register for optional First Year Foundations programs (p. 4-5)
- Log in to ACORN and verify your personal information (p. 2)
- International students: Apply for your Post-Secondary Study Permit (p. 2)
- Read emails from the First Year Office or Engineering Science Office
- Check out student blogs and connect with us on social media (p. 13)
- Apply for financial aid and scholarships as needed (p. 9)
- If you have an RESP, bring it to the Registrar's Office or request a letter for your RESP company (p. 9)

JUNE/JULY
- Students with disabilities: Register with Accessibility Services (p. 2)
- Non-Ontario high school students: Submit any outstanding documents required to complete your admission file by mid-July
- If you opted into PEY Co-op, learn how the program will fit into your degree. Details will be emailed in June (p. 3)
- In mid-July, view your tuition notice in ACORN (p. 8)
- Review your math skills with self-assessment quizzes (worth 2% of Linear Algebra grade for Core 8/TrackOne students. Details will be emailed in July.)

AUGUST
- Pay or defer your tuition fees by August 15 (p. 8)
- Register online for Frosh Week (p. 10)
- View your class schedule in ACORN (p. 2)
- Collect supplies for school and/or residence, and purchase a meal plan if needed (p. 2)
- Attend Engineering Welcome & Family Night at the end of August (invitation will arrive by email)
- Familiarize yourself with online tools and resources (www.uoft.me/engtools)

SEPTEMBER
- Move into residence in early September, if applicable
- Attend Orientation, which starts Monday, September 2. Faculty Orientation Day is scheduled for Wednesday, September 4
- Classes start Thursday, September 5
PREPARING FOR U OF T ENGINEERING

You are about to embark on an incredible journey of learning and exploration. Please review this section closely to ensure you’re putting your best foot forward in the fall.

ACORN

ACORN (Accessible Campus Online Resource Network) — www.acorn.utoronto.ca — is U of T’s online student services platform. You can use ACORN this summer to:

» Update your contact information (including emergency details)
» Use the financial planning tool
» View your course timetable
» View your financial invoice

AUTOMATIC COURSE ENROLMENT

Unlike other first-year students at U of T, engineering students do not have to choose their courses in ACORN (www.acorn.utoronto.ca). By accepting your offer of admission, you have secured your place for the fall. Your timetable will be automatically created in August. For a complete listing of your first-year courses, see pages 6 and 7.

ACADEMIC ACCOMMODATIONS

If you are a student with a disability and had academic accommodations in high school (e.g., extra test time, note-taking assistance, alternative-format textbooks), you may be eligible for similar support through U of T’s Accessibility Services. This service facilitates the inclusion of students with disabilities into all aspects of university life and provides services to help them succeed. If you have a disability, we encourage you to register early with Accessibility Services. www.studentlife.utoronto.ca/as

RESIDENCE

If you are eligible for the residence guarantee, and you completed your MyRes application by March 31, you can expect to receive a residence offer by mid-June.

You can follow the status of your residence application at myres.utoronto.ca. If you meet the residence guarantee criteria and have not received an offer by mid-June, please contact the manager of Housing Services at 416-978-8045 or residence@utoronto.ca. You will receive only one formal offer of residence. It is important that you respond to any residence offer by the deadline stated in your residence offer.

MEAL PLANS

If you plan to live in a campus residence, you will receive information about meal plans from your residence’s office. Students who commute can also purchase a meal plan that can be used at many eateries on campus. www.ueat.utoronto.ca

INFORMATION FOR INTERNATIONAL STUDENTS ON STUDY PERMITS

If you studied at a Canadian high school on a Secondary Institution Study Permit, you will need to acquire a Post-Secondary Study Permit before beginning your studies at U of T. www.studentlife.utoronto.ca/cie/immigration
**TCard**

Your TCard is your permanent U of T student card. Not only does it serve as photo identification for academic purposes, it is also a smartcard that gives you access to student activities, services, facilities and libraries at the University.

You will need your TCard almost every day at U of T to access labs, department lounges, buildings after-hours and to identify yourself at exams. You can also carry cash on your card through the TCard+ program, which allows you to make purchases at participating food locations and the U of T Bookstore.

**WHERE AND WHEN DO I GET MY TCard?**
The TCard Office is located on the first floor of the Koffler Centre (214 College Street). Consult the TCard Office website for the documentation required to obtain your card: www.uoft.me/tcard.

If your status in ACORN is INVIT or REG, you may get your TCard as early as June 1. Obtaining your TCard before the end of August is a great way to avoid long lineups. If you are arriving in Toronto in September, you can get your card at that time.

**I’M AN INTERNATIONAL STUDENT. DO I NEED TO BRING ANYTHING WITH ME TO GET MY TCard?**
The TCard Office will ask you to present documentation to confirm your identity and legal status before issuing a student TCard. You should bring the following with you: 1) your student number, admission letter or your UTOR/JOIN ID; 2) a valid passport; and 3) a valid post-secondary study permit.

**EMAIL AND COMPUTER ACCOUNTS**

**CREATE YOUR U OF T EMAIL ADDRESS: UTMail+**

U of T uses email as an official means of communication with students. For this reason, it is important the email address you have listed in ACORN is a University-issued email account (called UTMail+).

Once you have obtained your TCard, you will be able to create your own U of T email address. For more information, visit www.email.utoronto.ca.

It is your responsibility to keep your email account current and check it daily. You will receive important emails from professors and staff about changes to your schedule or classrooms, upcoming events, marks, exam schedules and more.

**COMPUTERS**
The Engineering Computing Facility (ECF) provides students with access to computers within U of T Engineering. When you have paid your minimum required fees or deferred your fees, you will automatically receive an ECF account.

All engineering students have 24/7 access to ECF computer labs. While it is convenient to have a personal computer, it is not necessary. Some students bring laptops to class, but a simple notebook is also very helpful for making quick sketches or recording notes.

If you choose to purchase a computer for school, the Faculty does not recommend one specific model or brand. Any modern computer will likely meet all of your academic needs. You will also be able to access any software required for class remotely. www.uoft.me/ecflabs.

**SUPPLIES, BOOKS AND LOCKERS**

**GET THE RIGHT CALCULATOR**

You will be permitted to use a calculator for some of your tests and exams. However, it must be one of the following models:

- **Sharp**
  - Sharp EL-520X
  - Sharp EL-520W

- **Casio**
  - FX-991EX
  - FX-991ES PLUS
  - FX-991MS

**WHERE CAN I BUY MY TEXTBOOKS?**

While every student wants to ensure they have their textbooks in time for the fall, you are not expected to have them for the first day of classes. On the first day of each course lecture, your professor will let you know which textbooks and materials you need.

Textbooks can be purchased at the U of T Bookstore. You may also wish to check at Engineering Stores (www.stores.skule.ca) and used bookstores for your reading materials. Additionally, some departmental clubs have used book sales, or you can try to buy your textbooks second-hand from upper-year students.

If you need to purchase your books early, the U of T Bookstore publishes a list of required textbooks for each course (click on “Find Your Textbooks” at www.uoftbookstore.com).

**LOCKER RENTALS**

You can rent a locker in one of several locations across the U of T Engineering neighbourhood. Rentals start in September and are primarily managed by the Engineering Society. www.lockers.skule.ca

**PEY CO-OP PROGRAM**

If you were accepted into the Professional Experience Year Co-op Program (PEY Co-op) in your offer of admission to U of T Engineering, your career-development journey will begin in first year — the Engineering Career Centre will email you in June with details. If you did not opt into PEY Co-op but are interested in joining the program, please email askecc@ecf.utoronto.ca.
REGISTER FOR FIRST-YEAR FOUNDATIONS PROGRAMS

First Year Foundations programs help you meet fellow classmates, future professors and teaching assistants, while learning more about the social and academic aspects of university. Some programs have no cost, while others require a fee (indicated with a $ symbol). Visit www.uoft.me/firstyearoffice for more information on these programs.

ACADEMIC ORIENTATION
Over the summer, the First Year Office offers academic orientation sessions designed to guide you through your next steps as a new student. The sessions provide a brief overview of what to expect during your first year of studies. Topics include: paying your fees, schedules, university resources, and more. This session will help you prepare for September.

CHOOSE ONE SESSION:
June 6 (Thurs.) • 6 – 7:30 p.m.
June 11 (Tues.) • 6 – 7:30 p.m.
June 19 (Wed.) • 6 – 7:30 p.m.
June 24 (Mon.) • 6 – 7:30 p.m.

COST & REGISTRATION: Free of charge.
Register at www.uoft.me/fyf2019.

ENGINEERING STUDY SKILLS
These evening workshops will cover important topics to help you study and manage your time effectively. You’ll also learn tips and strategies to help you transition effectively this fall.

CHOOSE ONE SESSION:
July 11 (Thurs.) • 5 – 6:30 p.m.
August 1 (Thurs.) • 6 – 7:30 p.m.
August 22 (Thurs.) • 6 – 7:30 p.m.

COST & REGISTRATION: Free of charge.
Register at www.uoft.me/fyf2019.

SUCCESS 101
Discover some of the most important tools you will use throughout your academic career: engineering problem-solving, time-management skills, note-taking skills and effective teamwork strategies. You will also hear advice from professors, learning strategists and upper-year students about academic expectations.

CHOOSE ONE FULL-DAY SESSION:
July 11 (Thurs.) • 10 a.m. – 4:30 p.m.
August 9 (Fri.) • 10 a.m. – 4:30 p.m.
August 17 (Sat.) • 10 a.m. – 4:30 p.m.
August 31 (Sat.) • 10 a.m. – 4:30 p.m.

COST & REGISTRATION: Free of charge.
Register at www.uoft.me/fyf2019.

ENGINEERING DESIGN 101$
This week-long program is inspired by the required design courses every first-year student takes: either Engineering Strategies & Practice (in Core 8 and TrackOne) or Praxis (Engineering Science). Through this program, you will learn how to apply engineering design and effective communication — two important core concepts — to your work, and understand why they are fundamental to your academic and professional career.

DATES: August 12 – 16 (Mon. – Fri.) • 9 a.m. – 5 p.m.

COST & REGISTRATION: $200.
Register at www.uoft.me/fyf2019 by Aug 2.

INTERNATIONAL TRANSITION ADVISOR
All new international students, recently returned Canadian residents or citizens and students new to Toronto are welcome to meet with CIE’s Transition Advisor to discuss all matters related to life at the University of Toronto and U of T Engineering. You can book an appointment or stop by during drop-in hours. www.uoft.me/engita
ENGINEERING PROBLEM SOLVING AND MATHEMATICS
Mathematics is an essential tool for an engineer and a major component of your first-year studies. This one-week course will provide you with the necessary tools to build a strong math foundation and understand how engineers use mathematics to solve problems. Topics include: trigonometric, exponential and logarithmic functions; relations and their graphs and limits; derivatives; and an introduction to MATLAB, an industry-standard tool you will use in your first-year linear algebra course.

DATES: August 19 – 23 (Mon. – Fri.) • 9 a.m. – 5 p.m.

COMPUTER PROGRAMMING
This week-long course will give you a sense of what to expect during programming class, while giving you a head start in programming basics. Since computer programming experience is not required for entry into first-year engineering studies, students sometimes find this aspect of their coursework challenging. During this preparatory course, the instructor will create and deliver content designed for those individuals with little or no previous programming experience. Topics include: sequence selection (branching), repetition (loops) and functions (sub-programs). The course also teaches algorithm creation and writing Python language program code to implement algorithms.

DATES: July 29 – August 2 (Mon. – Fri.) • 9 a.m. – 5 p.m.

CALCULUS BOOT CAMP
Through this week-long program, you will review key mathematical concepts and see how they are applied in university-level calculus.

DATES: August 26 – 30 (Mon. – Fri.) • 9 a.m. – 5 p.m.
## FALL 2019 COURSES

### CHEMICAL ENGINEERING
- APS100: Orientation to Engineering

### CIVIL AND MINERAL ENGINEERING
- CIV100: Mechanics or APS160: Mechanics (online)

### ELECTRICAL AND COMPUTER ENGINEERING
- APS111: Engineering Strategies & Practice I

### MECHANICAL AND INDUSTRIAL ENGINEERING
- CIV100: Mechanics or APS160: Mechanics (online)
- APS111: Engineering Strategies & Practice I
- APS110: Engineering Chemistry & Materials Science or APS164: Intro Chemistry from a Materials Perspective (online)
- CHE 112: Physical Chemistry

### MATERIALS ENGINEERING
- APS110: Engineering Chemistry & Materials Science or APS164: Intro Chemistry from a Materials Perspective (online)
- CHE 112: Physical Chemistry

### TRACKONE (UNDECLARED ENGINEERING)
- APS100: Orientation to Engineering
- PHY180: Classical Mechanics

### ENGINEERING SCIENCE
- APS110: Engineering Chemistry & Materials Science or APS164: Intro Chemistry from a Materials Perspective (online)
- ESC101: Praxis I
- CIV102: Structures & Materials
- ESC103: Engineering Mathematics & Computation
- ESC180: Computer Programming

### MATHEMATICS AND STATISTICS
- MAT186: Calculus I or APS162: Calculus for Engineers I (online, summer)
- MAT188: Linear Algebra

### PHYSICS
- MAT186: Calculus I or APS162: Calculus for Engineers I (online, summer)
- MAT188: Linear Algebra

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**GET A HEADSTART ON YOUR COURSES THIS SUMMER WITH APS162**

We are pleased to offer **APS162: Calculus for Engineers I** online this summer to help ease your Fall Term course load. Through this summer course, you will get a sense of university-level calculus while earning a credit toward your first year of studies. That is, taking APS162 online this summer will replace MAT186 and will count toward your Fall Term average.

Students who enjoy working independently and have time to devote to the course during the summer are encouraged to enrol. If you find the course is not a good fit for you, you may cancel your registration without academic penalty by July 29.

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*University of Toronto Engineering | 2019–2020 Guide to First Year*
### WINTER 2020 COURSES

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<thead>
<tr>
<th>CHEMICAL ENGINEERING</th>
<th>CIVIL AND MINERAL ENGINEERING</th>
<th>ELECTRICAL AND COMPUTER ENGINEERING</th>
<th>MECHANICAL AND INDUSTRIAL ENGINEERING</th>
<th>MATERIALS ENGINEERING</th>
<th>TRACKONE (UNDECLARED ENGINEERING)</th>
<th>ENGINEERING SCIENCE</th>
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<tr>
<td>MAT187: Calculus II or APS163: Calculus for Engineers II (online, fall)</td>
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<td>MAT187: Calculus II or APS163: Calculus for Engineers II (online, fall)</td>
<td>MAT195: Calculus II</td>
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<td>MSE101: Intro to Materials Science or APS164: Intro Chemistry from a Materials Perspective (online)</td>
<td>MSE101: Intro to Materials Science or APS164: Intro Chemistry from a Materials Perspective (online)</td>
<td>MIE100: Dynamics</td>
<td>MSE101: Intro to Materials Science or APS164: Intro Chemistry from a Materials Perspective (online)</td>
<td>MIE100: Dynamics</td>
<td>MAT185: Linear Algebra</td>
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<tr>
<td>ECE101: Intro to Electrical &amp; Computer Engineering</td>
<td>MIE191: Intro to Mechanical &amp; Industrial Engineering</td>
<td>APS191: Intro to Engineering</td>
<td>ESC190: Computer Algorithms &amp; Data Structures</td>
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**Dates:** July 2 – August 16; final exam will be held on campus in early September.

**Eligibility:** Students in TrackOne or any Core 8 program may take APS162. This course is not available to EngSci or International Foundation Program (IFP) students.

**Cost & Registration:** No additional cost (it’s included in your 2019 fall/winter tuition). Please register at [www.uoft.me/fyf2019](http://www.uoft.me/fyf2019).
Tuition amounts for the 2018–2019 academic year are listed below. Tuition fees for 2019–2020 will be determined in July.

**Full-time domestic:** $15,760 (plus $1,584.58 in incidental fees)  |  **Part-time domestic:** $1,576 per course (plus $604.32 in incidental fees)

**Full-time international:** $54,840 (plus $1,584.58 in incidental fees and $624 for UHIP)

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**WHEN DO I HAVE TO PAY MY TUITION?**

Invoices will be available in ACORN in mid-July. At that time, you will need to make a payment or obtain an approved deferral to complete your registration.

You may pay the total amount or the minimum required payment as listed on your invoice. Fees need to be paid or deferred by **August 15, 2019**. Tuition and non-tuition fees are billed on a yearly basis. However, you have the option to pay fees either annually — the Fall and Winter terms combined — or by individual term. Visit Student Accounts at [www.fees.utoronto.ca](http://www.fees.utoronto.ca) for details. If you plan to pay by individual term, full payment of Fall Term fees is due by **August 15, 2019**.

**International students:** Your $2,000 deposit will be applied to your tuition fees. As such, your minimum required payment to register will be Fall Term tuition fees less the $2,000 deposit.

**IF I ONLY PAY THE MINIMUM, WHEN IS THE REST DUE?**

**Fall Term:** For all students, with the exception of those who have a sponsorship, scholarship deferral or tuition waiver deferral, service charges of 1.5% per month (compounded monthly) will be applied to your unpaid balance starting **October 15, 2019**. We recommend you make your payment by the end of the month to avoid service charges the next month.

**Winter Term:** For all students, with the exception of those who have a sponsorship, scholarship, OSAP, tuition waiver or other government assistance deferral, Winter Term fees are due **November 30, 2019**. Service charges of 1.5% per month (compounded monthly) will be applied to your unpaid balance starting **December 15, 2019**.

For students who have OSAP other government assistance deferral, Winter Term fees are due **January 31, 2020**. Service charges of 1.5% per month (compounded monthly) will be applied to your unpaid balance starting **February 15, 2020**. For students who have a scholarship or sponsorship deferral, tuition is due **April 30, 2020**. In all cases, tuition must be paid in full by **April 30, 2020**. Future registration will be refused if there is an outstanding balance.

**WHAT IF I AM GETTING A SCHOLARSHIP? HOW WILL IT BE PAID?**

University, Faculty and departmental scholarships will be paid directly toward your tuition upon your full-time registration in the fall. If the amount of your scholarship is equal to or greater than your Fall Term tuition, you are eligible for a fee deferral ([www.uofToronto.ca](http://www.uofToronto.ca)). To register without payment on the basis of an undergraduate scholarship before the minimum payment deadline, submit a copy of your award letter, a printout of your invoice from ACORN and a completed fee-deferral form ([www.fees.utoronto.ca](http://www.fees.utoronto.ca)) to one of the following locations:

» Office of the Registrar, 35 St. George Street, room 157

I'm going to receive a government student loan. How do I register without making a payment?

If you are receiving a government student loan, you are eligible to receive a fee deferral. Students who complete their OSAP (Ontario Student Assistance Program) application before mid-June will be contacted by the Registrar’s Office by email in early August with instructions on how to obtain a fee deferral.

If you are receiving a student loan from another province, or if you do not receive an email from the Registrar’s Office, visit [www.fees.utoronto.ca](http://www.fees.utoronto.ca) for more information about fee deferrals.

**I'M GOING TO RECEIVE A GOVERNMENT STUDENT LOAN. HOW DO I MAKE A PAYMENT?**

Payments must be made through your financial institution (online, by phone, or in person at your bank). It takes up to 10 business days for your payment to be received by U of T's Student Accounts Office, so please pay by the end of the month to avoid service charges. We recommend online banking.

**Online/telephone banking:** If you already bank online or by phone, add “University of Toronto” to your list of bills. Your account number is at the top, right-hand corner of your fees invoice as displayed in ACORN. It consists of the first five characters of your surname (in capital letters) and the 10 numbers of your student number. If your student number only has nine digits, place a “0” before it. Indicate the amount of your payment, complete the transaction, then print out the confirmation and keep it with your invoice as proof of payment.

**In-person banking:** Take your invoice to your bank branch and ask the customer service representative to make the payment from your account.

**Payments from outside Canada:** There are two ways you can make your payment from outside of Canada: 1) Western Union Bank-to-Bank Transfer (formerly known as Travelex Bank-to-Bank Transfer), or 2) Send a bank draft (in Canadian funds). For details on how to make payments from outside Canada, visit [www.fees.utoronto.ca](http://www.fees.utoronto.ca). All payments must be accompanied by your name, student number and (if possible) your program of study.
SCHOLARSHIPS

Every admitted student is automatically considered for Faculty and departmental scholarships. If you qualified for a scholarship, details were included in your admission offer or sent to you in May. Due to the high calibre of our incoming first-year class, many students with outstanding academic achievements do not fall within the Faculty’s scholarship range.

To be considered for upper-year scholarships, keep your Online Engineering Portfolio (e-Portfolio) up to date: portal.engineering.utoronto.ca.

You can also review external scholarship opportunities: www.uoft.me/uoftengscholarships.

Have questions about a scholarship or would like assistance with an external scholarship application? Contact Pierina Filippone, Assistant Registrar, Scholarships & Financial Aid, at 416-978-4159 or awards@ecf.utoronto.ca.

STUDENT LOANS

There are two kinds of government student loans for domestic students: federal (Canada Student Loans) and provincial. Canadian citizens, Permanent Residents and protected persons are eligible to apply to provincial student loan programs.

HOW DO I APPLY?

Please contact your province’s student loan office for information regarding eligibility and how to apply.

WHEN IS THE DEADLINE TO APPLY?

You should apply as early as possible as application deadlines vary by province. If you apply after the beginning of the academic year, you might receive a smaller loan. We recommend that Ontario residents apply for OSAP funding by mid-June.

UTAPS (U OF T ADVANCE PLANNING FOR STUDENTS)

U of T is committed to ensuring that no admitted student finds themselves unable to enrol in or complete their studies due to lack of financial means. To fulfill this commitment, the University provides assistance in the form of non-repayable grants for undergraduate students through the UTAPS financial aid program.

WHO CAN APPLY FOR UTAPS FUNDING AND HOW DOES IT WORK?

To be eligible to receive UTAPS, you must have an assessment by OSAP or your province or territory’s student loan program. If, after receiving the maximum amount of government assistance, your assessed financial need is not met, U of T will provide a UTAPS grant to cover your unmet financial need. In other words, UTAPS will “top up” the amount you have already received through government assistance to enable you to cover any unmet assessed financial need. A UTAPS grant does not need to be paid back. www.uoft.me/utaps

HOW DO I APPLY?

OSAP recipients will be provided instructions toward the end of the summer if anything is required.

Residents of other provinces must submit an online application to Enrolment Services (www.uoft.me/utaps). This application can be submitted once you have received your notice of assessment from your province’s or territory’s student loan office. UTAPS decisions for out-of-province students will be made in late fall.

UNDERGRADUATE GRANTS

If you have exhausted all your financial resources and avenues for assistance (including OSAP, UTAPS, bank loans and family) and still find yourself in financial need, you can apply for undergraduate grants. The grant application will be available in ACORN at the end of September.

REGISTERED EDUCATION SAVINGS PLAN (RESP)

If you need an RESP form* completed by U of T, submit the form to the Registrar’s Office by July 1, 2019 (registrar@ecf.utoronto.ca). Forms will be processed and mailed to RESP companies by July 25. If your bank or RESP company requires a letter to confirm your enrolment, you may request a Verification of Enrolment form from the Registrar’s Office.

*We process forms for Canadian Scholarship Trust Plan, Children’s Education Funds, Global Educational Trust, Heritage Education Funds and Knowledge First.
GETTING INVOLVED IN YOUR COMMUNITY

The U of T Engineering experience is much more than lectures and labs. As a first-year student, you will have about 25 hours of class per week, which will leave you with enough time to study, stay healthy and get involved outside the classroom. Long before you graduate, you’ll enrich your experience through the relationships you form and the activities you pursue.

Your new community is overflowing with diverse and bright minds that share a passion for engineering innovation. This is evident through the hundreds of clubs, teams and events that engineering students lead each year. Here are just a few ways you can get involved.

ENGINEERING SOCIETY
The Engineering Society (also known as EngSoc or Skule™️) is the student government for undergraduate engineering students at U of T. Founded in 1885, EngSoc engages in academic advocacy, allocates funding to groups and initiatives in the community, and provides a wide variety of services and events to students. EngSoc publishes the F!rosh Handbook, which you will receive this summer, and an online events calendar. They also run F!rosh Week — see details in the sidebar. www.skule.ca

STUDENT ORIENTATION WEEK
SEPTEMBER 2
Also known as F!rosh Week, Student Orientation Week is your opportunity to participate in a wide variety of social and academic events organized by the Engineering Society, the student government for engineering students. With the purchase of a F!rosh kit in August, you will receive access to all events, great food and some cool swag. You’ll also receive a yearbook and a ticket to Skule Nite, a hilarious live show produced by engineering students. Stay tuned for more information about this amazing week. Attendance is optional. www.skule.ca
CULTURAL & FAITH-BASED GROUPS
It’s no surprise that our vibrant community, located in one of the most diverse cities in the world, has a wide range of cultural and faith-based groups open to all engineering students — from the Bangladeshi Students’ Association and Chinese Engineering Students’ Association to the Engineering French Conversation Club and the Indian Students’ Society. Each hosts a range of social events and serves as a wonderful way to meet new friends.

ARTS & MUSIC
Engineers often combine their technical abilities with creativity and artistic vision. If you are an aspiring musician, artist, photographer, actor, dancer or writer, you’re in good company! You’ll find bands, orchestras, dance troupes, arts festivals, a sketch comedy group and even a juggling club. Did you know the Myhal Centre has a multimedia music room?

DISCIPLINE-SPECIFIC CLUBS
One of the best ways to get to know engineering students in your program is through discipline-specific clubs. Every program’s club provides services to their members, such as social events, academic advocacy and mentorship opportunities. Every program also has a common room, giving you a relaxing place to unwind between classes. www.skule.ca/discipline_clubs

SOCIAL SERVICE & COMMUNITY
From Engineers Without Borders and the National Society of Black Engineers (NSBE) to Women in Science and Engineering and Queer Sphere, community and service-based groups strive to create a welcoming environment both on campus and beyond. Students in these clubs often serve as national or global ambassadors, helping to raise awareness of critical issues that impact the engineering profession and the general public.

ATHLETICS
Whether you aspire to compete nationally as a Varsity Blues athlete or try a new sport for the first time, our community is filled with fun ways to lead a balanced lifestyle. From the Iron Dragons dragonboat team to the Skule Badminton Club, staying active has never been easier. Remember: you’ll have access to outstanding athletic facilities across all three U of T campuses.

DESIGN TEAMS
Design is at the heart of what engineers do. That passion trickles into many activities outside the classroom, resulting in canoes built from concrete and race cars powered by the sun. Many of our design teams participate in initiatives and competitions worldwide.

ENTREPRENEURSHIP & LEADERSHIP
Transform your passions into life-changing innovation through two unique hubs located in the Myhal Centre. The Entrepreneurship Hatchery (www.uoft.me/hatchery) is a hothouse for budding entrepreneurs, providing services to get new business ideas off the ground. The Troost Institute for Leadership Education in Engineering (www.uoft.me/troostlead) offers programming and events to help you excel in your studies and well beyond.

FIND MORE CLUBS AND GROUPS AT: www.ulife.utoronto.ca
### KEY ACADEMIC DATES

#### 2019

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>AUGUST 15</td>
<td>Last day to pay or defer your fees</td>
</tr>
<tr>
<td>END OF AUGUST</td>
<td>Attend the Dean’s Welcome and Family Night</td>
</tr>
<tr>
<td>EARLY SEPTEMBER</td>
<td>Move into residence, if applicable</td>
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<tr>
<td>SEPTEMBER 2</td>
<td>Orientation begins</td>
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<tr>
<td>SEPTEMBER 4</td>
<td>Faculty Orientation Day</td>
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<tr>
<td>SEPTEMBER 5</td>
<td>Fall classes begin</td>
</tr>
<tr>
<td>DECEMBER 4</td>
<td>Fall classes end</td>
</tr>
<tr>
<td>DECEMBER 6–20</td>
<td>Final examination period</td>
</tr>
<tr>
<td>DECEMBER 24</td>
<td>U of T closed for holidays</td>
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</tbody>
</table>

#### 2020

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>JANUARY 6</td>
<td>Winter classes begin</td>
</tr>
<tr>
<td>FEBRUARY 17–21</td>
<td>Reading Week (no classes)</td>
</tr>
<tr>
<td>APRIL 9</td>
<td>Winter classes end</td>
</tr>
<tr>
<td>APRIL 14–28</td>
<td>Final examination period</td>
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**ENGINEERING WELCOME AND FAMILY NIGHT**

**END OF AUGUST**

This event is designed to help your family appreciate that you are entering a safe, caring and intellectually exciting environment. Your family will feel more comfortable knowing what lies ahead, and they will learn what it takes to ensure your academic career is successful. We will send you an invitation to this event via email in the coming weeks.

**MORE DATES AND DEADLINES AT** [www.undergrad.engineering.utoronto.ca](http://www.undergrad.engineering.utoronto.ca)
GUIDE TO FIRST YEAR
Visit www.uoft.me/firstyearoffice for additional content about what to expect during your first year, including how to connect with University resources, your timetable and tips to help you with coursework. You’ll also find an electronic version of this Guide.

FIRST YEAR NEWS FEED
Beginning in mid-June, the First Year Office will send a weekly e-newsletter to all Core 8 and TrackOne students to the email address you have listed in ACORN. The e-newsletter will include important information on deadlines, resources and opportunities. Archives of past issues are available online at www.uoft.me/fynewsfeed. Engineering Science students will receive regular emails from their Academic Advisor.

2T3 BLOG
Want the inside scoop on life as a U of T Engineering student? During the summer, you can check out the 2T3 blog: www.engfroshupdates.squarespace.com. An upper-year student will post regular entries that include tips and helpful information on student life, U of T Engineering traditions, student spaces and more. Engineering Science students can also check out the EngSci 2T3 Orientation Blog at orientation.engsci.utoronto.ca.

U OF T ENGINEERING CONNECT
Your community extends beyond peers and professors. When you begin your studies in the fall, you’ll receive an invitation to join U of T Engineering CONNECT, a rich online social network of alumni from all over the world. They can offer you mentorship, industry-specific career advice, work opportunities and more. You can also connect with other U of T Engineering students, staff and faculty through this platform. www.uoftengineeringconnect.ca

SOCIAL MEDIA
Keep updated on all things related to U of T Engineering through social media:

@uoft_eng_fyo | @uofteng_registr | @uoftengineering
@uoftengineering
/uoftengineering

Review resources available for U of T Engineering students: www.uoft.me/uoftengresources
Info for commuter students: www.uoft.me/uoftengcommuter