

ONLINE UNDERGRADUATE COURSES IN ENGINEERING

Smith Engineering at Queen's is committed to providing flexibility and accessibility in our curriculum. As such, we provide one fully online undergraduate program and several fully online courses.

Fully Online Undergraduate Program

Bachelor of Mining Engineering Technology (Online)

Fully Online Courses Available for Bachelor of Mining Technology (BTECH) Students (Offered Based on Demand)

Code	Title	Units
MNTC P01	Engineering Mathematics	3.00
MNTC P02	Mining Geology	3.00
MNTC P03	Foundational Mathematics	3.00
MNTC P04	Calculus	3.00
MNTC P05	Foundational Physics	3.00
MNTC P06	Foundational Chemistry	3.00
MNTC P07	Surveying Principles	3.00
MNTC 301	Technical Writing and Communication	3.00
MNTC 302	Engineering Physics	3.00
MNTC 303	Engineering Chemistry	3.00
MNTC 304	Applied Metrology and Data Analysis	3.00
MNTC 305	Introduction to Mining	4.00
MNTC 306	Mineral Processing Unit Operations	3.00
MNTC 307	Geomechanics and Ground	4.00
MNTC 310	Mining and Society	3.00
MNTC 311	Ore Body Modelling and Resource Estimation	4.50
MNTC 313	Introduction to Programming	3.00
MNTC 314	Drilling and Blasting	4.00
MNTC 316	Ventilation and Hydraulics	4.00
MNTC 399	Field School I (on site)	5.00
MNTC 408	Mine Health and Safety	3.00
MNTC 409	Mineral Economics	3.50
MNTC 413	Surface Mine Design	4.00
MNTC 414	Underground Mine Planning	4.00
MNTC 415	Metal Extraction Processes	4.00
MNTC 418	Sustainability and the Environment	3.00
MNTC 419	Mine Supervision and Project Management	3.00
MNTC 420	Physical Asset Management	3.00
MNTC 423	Geomatics	3.00

MNTC 498	Capstone Project	3.00
MNTC 499	Field School II (on site)	5.00

Fully Online Courses Available for Bachelor of Applied Science (BASC) and Letter of Permission Students

Code	Title	Units
APSC 221	Economic and Business Practice	3.00
CHEE 302	Technical Entrepreneurship	3.50
MTHE 225	Ordinary Differential Equations	3.50

To Apply for Registration in a Smith Engineering Online Course or Program

- Existing Queen's students, please visit SOLUS to enroll.
- Students interested in the BTECH program, please see here
- For non-Queen's undergraduate students applying as a Letter of Permission student, use the Queen's Online Application Portal. See below for further information.

Step-by-Step Letter of Permission Application Guideline for Non-Queen's Undergraduate Students

Please Follow the Step Below When Applying to Queen's Engineering as a Letter of Permission Student:

1. Access the online application portal found here
2. Create an account
3. Under 'External Applicant' select 'Letter of Permission/ Non-Degree'
4. Under '1st Program/Plan':
 - a. Select 'Non-Degree Faculty of Engineering and Applied Science' as your program
 - b. Select 'Engineering Online Letter of Permission' as your plan
 - c. Select 'Part Time' as your course load
 - d. Indicate the term of study (eg. Summer 2020) under term
5. Enter Personal Details section
6. Review application
7. Attach required documentation
8. Submit application payment
9. Complete Application
10. After you have submitted your application, you will work with the Admissions Office who will review your



application and, provided you have accurately completed your application, will issue you an offer of admission.

11. Once you have accepted your offer of admission, Smith Engineering will reach out to you to assist you with your course registration.

Application Deadlines for BTECH and Letter of Permission

Summer term (May)

- Application process opens: January 1
- Application deadline: April 15

Fall term (Sept)

- Application process opens: May 1
- Application deadline: August 15

Winter term (Jan)

- Application process opens: September 1
- Application deadline: December 1

Important Term Dates

<https://www.queensu.ca/registrar/key-dates> (<https://www.queensu.ca/registrar/key-dates/>)

Tuition Fees

Information on tuition fees for Domestic and International students can be found here

Pay Your Tuition

Tuition is generally due on the first day of class. Please make note of the upcoming tuition due dates per term.

To Pay Tuition

Method 1: Credit Card (only available to Distance Students)

- Log in to SOLUS
- Click on the green dollar sign
- Follow the on-screen prompts to complete payment

Method 2: Bank Transfer

- Using online or in-person banking, find Queen's University as a Payee
- Use your 8-digit student number as the 'account number'
- Once set up, you can pay this payee using funds directly from your bank account online, in person, or by telephone.
- Please note that some payments can take between 3- 5 business days to reflect in your Queen's account.

- The Office of the Registrar can help with all questions about fees and payments. 613-533-6894 or fees@queensu.ca
- Student Awards can help you with questions about OSAP, financial aid, bursaries and awards. 613-533-2216.

Set up your NetID

- Your NetID is your login for the Queen's online Student Centre. Once you apply, you will receive an email with your student number. You will use this to create your NetID following these steps:
- Go to <https://my.queensu.ca> (<https://my.queensu.ca/>)
- Click on Don't have a NetID?
- Under Students, click on Activate your NetID
- Record your NetID, you will need it every time you log into SOLUS, OnQ and your Queen's email account.

Access your Queen's Email

As a Queen's student, you have a permanent Queen's email address that consists of your netid@queensu.ca. All communication from Queen's will go to this email address. Check it frequently or consider forwarding it to your most commonly accessed email address.

- Log in to Queen's Email
- click on <https://outlook.office.com/owa/?realm=queensu.ca>
- enter your Queen's NET ID and password
- click "log in"

Access your Courses (OnQ)

Our online courses are run through OnQ, our online learning platforms.

You will be able to begin your online course on the first day of class (or, in the case of a late enrolment, 48 hours after you enrol in SOLUS) by logging into OnQ. From here you will be able to access the course syllabus, timeline and lesson modules, submit assignments and check your grades. You can also communicate with your instructor, TA, and other students in the course. Your instructor or TA will email you at your Queen's email address within the first week of the term to introduce themselves and the course to you.

- click on <https://onq.queensu.ca> (<https://onq.queensu.ca/>)
- enter your Queen's NET ID and password
- click "log in"

Credit Transfer

You will need to initiate a request at your home university to have the credit transferred – so you should contact your



faculty or department regarding the process and regarding how the grade would show on your transcript.

You will also likely need to request an official Queen's transcript be sent from Queen's as proof – please refer to this page for that process:

Please see the Queen's Registrar's pages regarding the process to ordering an official transcript:

<https://www.queensu.ca/registrar/>

Questions can be directed to the registrar's office at:

- transcpt@queensu.ca
- Phone: (613) 533-2040