U-Start Session #4:

YOUR ENGINEERING PROGRAM AND EXPERIENCE
JUNE 6, 2020

Introduction of Alana Ross, Indigenous Student Initiatives Coordinator
• Alana welcomes our Indigenous engineering students and helps raise awareness of Indigenous culture and its connection to engineering principles.
• Alana also liaises with other campus partners about USask Indigenization initiatives

Introduction of Kristen Cutting, Co-op and Career Coordinator
• Kristen can provide information on services and supports for students looking for work and Co-op placements.

Introduction of Student Leaders
• Kaitlyn Baron, Member of the Aero Design Team
  o If interested in becoming a member of the Aero Design Team please contact uofsaerodesign@gmail.com
• Brandt Pellerin, Member of the Canadian Institute of Mining, Metallurgy, and Petroleum (CIM) Team
  o If interested in becoming a member of the CIM Team please visit https://branches.cim.org/saskatoon/home/membership/student-membership/

About Engineering Co-op
• Optional program that you can choose to participate in
• Lots of flexibility
• Paid full-time placements
• Various term lengths between 4-16 months [students can have up to 20 months if you mix placements (maximum 16 months at one placement)].
• Flexibility in a start date, with the option of January, May, or September.
• Lots of support is provided, students will have workplace supervisors, an industry mentor to guide them, as well as in-college support.
• Usually between 100-140 students take on a work placement every year.
• Internship placements have been placed in variety of locations across Canada.

Co-op Questions & Answers
Q: How many students can participate in the CO-OP program?
A: All undergraduate students are eligible to apply for the co-op program. We don't have a set number of seats, however the earliest you can take on a work placement is the spring/summer after you've completed your second year.
Q: When can I apply for a Co-op internship?
A: You can apply for the co-op program towards the end of your first year.

Q: What is the average salary that Co-op students receive?
A: The average monthly salary for our students placed last year was $4,000. There is some variability by industry and location, but that was the overall average.

Q: For the geological specialization, is it possible to know what type of work a typical placement would involve?
A: Many of our geological students have been working in the mining and oil and gas industries over the past few years. The placements have largely been in Alberta and Saskatchewan.

Q: Are there any Co-op internships on campus?
A: Typically our students work off-campus while on Co-op.

Q: What are the typical placements for mechanical engineering students and where have previous students worked?
A: Our mechanical students have worked in a variety of industries from agriculture to energy, mining, oil & gas, transportation, research.

Q: What’s the maximum number of months that a student can work a company?
A: Typically students would work for a maximum of 16 months with one employer. You might do a four-month placement with one employer and then take on a 16-month placement with another employer. This would provide you with two work placements to diversify your experience and build your skills.

For more information on our Co-op program, please visit https://engineering.usask.ca/co-op/.

About the Ron & Jane Graham School of Professional Development
- Referred to as the “SOPD” within the College.
- Students learn communication, leadership and professional skills.
- Students may add the Certificate in Professional Communication (CPC) and the Technological Innovation Certificate (TIC) to their degrees.
- CPC is focused on strong communication skills and is open to students who are enrolled in or who have graduated from any college on campus.
- TIC is focused on engineering entrepreneurship and business management skills.

For more information visit https://engineering.usask.ca/departments/sopd.php#UndergraduateStudies

Student Groups
- Helps students use concepts they’ve learned in the classroom while building practical skills such as public speaking, leadership, teamwork and organization.
- Design groups provide experience in project management and design.
- Provides great networking opportunities with industry professionals.
- Offers opportunity for meeting other students outside of the classroom.
**Student Groups Questions & Answers**

**Q: How can we join a student group?**
A: The College usually holds a student group fair to introduce all our student groups and societies to our incoming students. You can also connect with the specific group you are interested in directly.

**Q: Do students make material for the competition in the university itself?**
A: Yes, most of the time. We have an area that we call the Hardy lab which is sort of our maker space in the College. This is where most of our student design groups do their work.

**Q: Will the college hold a Student Groups fair session online?**
A: We are still in the planning stage on the delivery of our Orientation and welcome events. We will announce the plan as soon as we have it finalized.

**Engineering Program Options**

- Options may be added in certain engineering majors by taking certain specialized classes. For example, students who are studying chemical engineering may choose the biochemical option.
- It is strongly recommended you speak to an academic advisor before your second year to discuss which courses will allow you to finish your option more efficiently.

For more information please visit [https://admissions.usask.ca/colleges/engineering.php#Options](https://admissions.usask.ca/colleges/engineering.php#Options)

**Being Part of the Thorough Family**

- “Thorough” is our college motto, based around engineers being incredibly thorough with their work.
- Engineering has the most actively engaged alumni body.
- Once you graduate you will have the option to become a part of an alumni chapter.
- 2020 C.J. Mackenzie Gala of Engineering Excellence brought together over 600 students, alumni, faculty and industry numbers for an evening to meet, connect and interact.
- Reunions are often held in the college for alumni to reconnect with their classmates and the college. Students are often invited to interact and meet with these alumni members.

**Volunteering & Leadership**

For more information on volunteering and getting involved please visit [https://students.usask.ca/essentials/community.php](https://students.usask.ca/essentials/community.php)

**Co-curricular Record**

- An approved record that shows prospective employers what activities you have done outside the classroom and the learning outcomes associated with each position (e.g. leadership, community service)
- An example of a co-curricular records that we accept would be if you organized a conference, volunteered for some our activities.
An official list of what activities will be accepted as a co-curricular record will be publicized once we have finalized.

For more information please visit https://students.usask.ca/academics/grades.php#CoCurricularRecord

QUESTIONS & ANSWERS

Registration and Classes

Q: Will there be any physical classes this fall?
A: All Fall classes will be offered remotely.

Q: What is the student/teacher ratio for courses this fall?
A: The student/teacher ratios are quite good in our college, right across the majors. When you are in your GE 101 course, you could ask your instructor this information, as they will have the most up-to-date information in the fall.

Q: I found multiple sections with multiple CRN numbers all pertaining to the same day and time, I assume that it doesn’t matter which one you choose. Is this correct? And if your humanities elective is not available for either year, does that mean you just have pick something else?
A: Correct, you can choose any available section. And yes, if a course is not offered in a term that fits with your schedule, you need to choose something else.

Q: What is the highest number of courses to be registered for this fall?
A: If you take all the required courses, you should be in six classes: GE101, GE111, GE124, CHEM 114, COMM102 and MATH123.

Q: Is it compulsory to put in the course number during registration for the classes?
A: Yes. The course registration number or CRN is the number that identifies the section so that is needed.

Q: What are the courses for mechanical engineering?
A: All first-year students take the same core courses. You won’t take specialized courses until your second year. (You choose your major at the end of your first year.)

Q: Is there any elective for Term 1 (fall term)?
A: No elective in Term 1. Some students do decide to take their Humanities/Social Science elective in Term 1 if they already have credits for some of the required courses.

Q: When registration opens do we register for both terms or just the Fall Term?
A: Yes, it’s recommended you register for Term 2 (Winter) classes after you register for your Term 1 classes.

Q: If I need help with registration, is it better to e-mail the Engineering Student Centre, or an academic counsellor?
A: You can call or email the Engineering Student Centre to book an appointment with an advisor or just email your question and they will reply to you. You can contact the Engineering Student Centre at 966-5274 or by email at esc@usask.ca.
Advising appointments may be booked online through the following link https://share.usask.ca/go/engrstu (login using PAWS ID), or by calling the Engineering Student Centre at 966-5274.

Q: Can we choose major and minor courses from different colleges like from Engineering and Arts and Science?
A: You can only choose a program/major like mechanical or geological from engineering. As an engineering student though you can also do a second degree from Arts and Science. You can talk to an advisor about what the requirements are and how to do this.

Q: I just joined the session right now, how can I find the information that you mentioned before?
A: Written summaries will be posted online afterwards. You can watch for these next week. Remember, USTART sessions are a live summary of the USTART Handbook: https://engineering.usask.ca/documents/students/eng-ustart-2020_05_19.pdf.

Also, a reminder, all ENG U-Start information can be found on this website: https://engineering.usask.ca/students/undergraduate/first-year-information.php

**Helpful Links**

To book an advising appointments online: https://share.usask.ca/go/engrstu

For more info for co-curricular record https://teaching.usask.ca/teaching-support/students/co-curricular-record.php


ENG U-Start information: https://engineering.usask.ca/students/undergraduate/first-year-information.php

For more information on our Co-op program: https://engineering.usask.ca/co-op/