

RE-ENGINEERED

BE WHAT THE WORLD NEEDS



NEW TO USASK ENGINEERING

2022-2023

ENGINEERS THE WORLD NEEDS

A silhouette of an engineer wearing a blue hard hat and a high-visibility vest, holding a laptop. The background shows a field of wind turbines at sunset, with the sun low on the horizon, creating a warm, golden glow. The text 'ENGINEERS THE WORLD NEEDS' is overlaid in large, white, bold letters at the top of the image.

BE WHAT THE WORLD NEEDS



WELCOME TO USASK ENGINEERING

CHECKLIST & DEADLINES

Winter

- Apply for scholarships
- Apply for residence

Spring

- Attend UStart
- Register for your class block
- Register for Access and Equity Services
(if necessary)
- Consider sources of funding (student loans)

Summer

- Purchase your laptop
- Send your final transcripts
- Enter the parking lottery
- Get your student ID card
- Get your U-Pass (bus pass) on your phone

Fall

- Pay tuition
- Purchase textbooks and software
- Join student clubs
- Join a campus rec, intramural, or sports team

Deadlines

Applications due March 1st
First come, first serve

May / June

June

After registering for classes

Before classes start

August

August 20th

Before classes start

Before classes start

Due September 30



RE-ENGINEERED

BE WHAT THE WORLD NEEDS

We rebuilt our first-year program from the ground up so you can gain the skills and knowledge you need for your degree and your career as a licensed professional engineer.



**COMMON
BREAKS**



**MODULAR
COURSES**



**HANDS-ON
LEARNING**



**NO
FINALS**

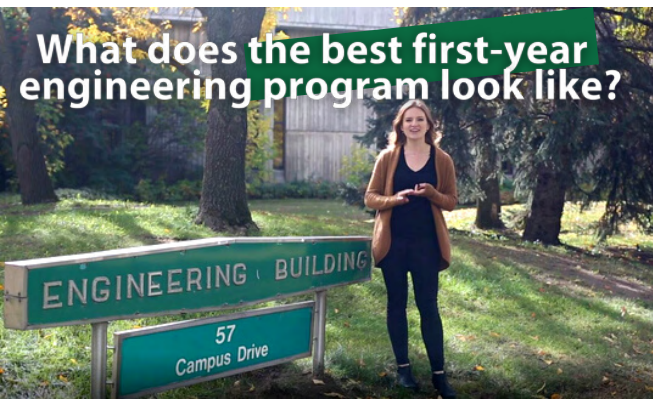


**CHANCES
TO TRY
AGAIN**

Learn more about RE-ENGINEERED

What is RE-ENGINEERED like?

WATCH ON YOUTUBE



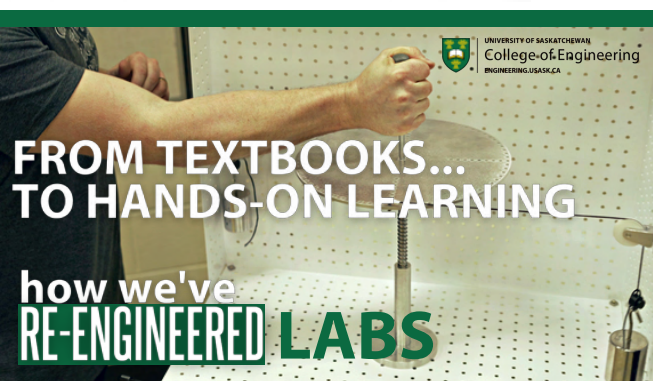
What does the best first-year engineering program look like?



USask Engineering
Campus Tour



This is what RE-ENGINEERED
students do during finals



From textbooks to hands-on learning
How we RE-ENGINEERED labs



STUDENT SUPPORTS

Indigenous Students

The Aboriginal Students' Centre is dedicated to supporting the academic and personal success of Métis, First Nations and Inuit students at USask.

[**Learn More**](#)



International Students

Find everything you need to know about life as an international student at the University of Saskatchewan, including immigration matters and information on working and living in Canada.

[**Learn More**](#)

MORE STUDENT SUPPORTS



- [**University of Saskatchewan Students' Union \(USSU\)**](#)
- [**Saskatoon Engineering Students' Society**](#)
- [**Pride Centre**](#)
- [**Women's Centre**](#)
- [**Faith-based supports**](#)
- [**Peer Health**](#)



WELLNESS & HEALTH

Student Wellness Center

The Student Wellness Centre offers urgent and non-urgent physical and mental health care to University of Saskatchewan students and their dependents.

[Learn More](#)

Access and Equity Services

Access and Equity Services accommodates individuals requiring accommodations based on disability, religion, family status, and gender identity.

[Learn More](#)



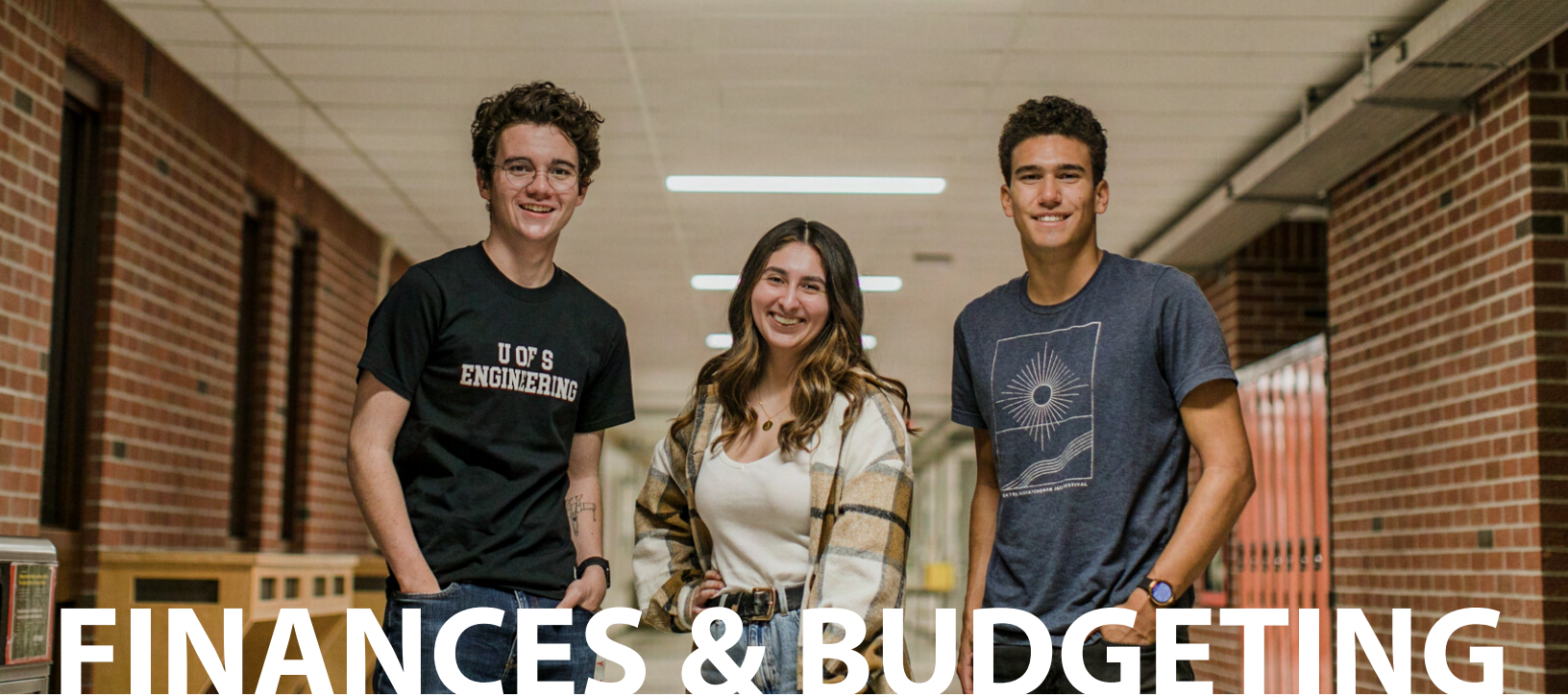
Physical Activity Complex

USask has extensive recreation facilities, including two saltwater pools (Physical Activity Complex and Education), Fit Centre, climbing wall, squash courts, indoor walk/jog track, football and soccer fields, tennis courts and more.



- [Campus Rec Clubs](#)
- [Intramurals](#)
- [Fitness Center](#)
- [Tour the Fitness Center](#)
- [Our Facilities](#)





FINANCES & BUDGETING

Engineering Tuition

Tuition for most undergraduate programs is calculated by adding up the cost of each individual class you've registered for. Students in Engineering can take either the full program or the half-speed option.

Tuition Estimates

LINKS TO HELP YOU BUDGET

- [Student Loans](#)
- [Tuition & Fees](#)
- [Student Fees Explained](#)
- [Payments and Due Dates](#)
- [Parking](#)
- [Residence Rental Rates](#)
- [Meal Plans](#)





RESIDENCE

It's not just a place to live. It's a community, where students develop lifelong relationships and enjoy the academic and peer support only offered through the residence experience.

Want to live at USask?

Students are encouraged to apply through the Residence Housing Portal at their earliest convenience once applications open, as the room selection process will begin in May 2022 and applicants will be offered rooms in the same order in which they applied.

[Apply Now](#)

LINKS TO HELP YOU OUT



- [Our Residence](#)
- [College Quarter Tour](#)
- [Voyageur Place Tour](#)
- [Meal Plans](#)
- [Parking](#)
- [Rental Rates](#)
- [Residence FAQs](#)



SCHOLARSHIPS

Competitive Entrance Awards

You can be considered based on academic achievement, financial need and/or contributions to school and community life. Some awards recognize particular backgrounds, acknowledge contributions to certain clubs, or reward achievement in music and athletics.

[Search Awards](#)

IMPORTANT DEADLINES

All entering students are encouraged to apply. To be considered:

- 1. Complete your application for admission by Feb 15 and**
- 2. Fill out and submit the online application for Competitive Entrance Awards in PAWS by March 1**

International Student Awards

These awards are for international students and are based on academic achievement. The deadline to apply for admission to be eligible for consideration is February 15.

[Search Awards](#)



GETTING SET UP

HARDWARE FOR FIRST-YEAR ENGINEERING

Required Hardware

Laptop Computer

- Audio/headphone jack
- At least 1920x1080 screen
- Webcam
- Microphone (can be third-party)
- Bluetooth
- Wifi-6 (802.11)
- HDMI port (or adapter for HDMI)
- At least 2 USB-A 3.0 ports (or adapters for USB-A)
- At least 1 USB-C port (could use hubs for these USB ports)
- Windows 10 ([Linux capable*](#))
- AMD or Intel CPU quadruple core ([or better*](#))
- 2.5-2.9 GHz processor ([3.0 or better*](#))
- 8 GB RAM (16 recommended, [32 preferred*](#))
- At least 500 GB solid-state drive; partitionable or [ext HD*](#)
- Dedicated GPU for video processing
- Second solid-state memory slot for [expansion*](#)

Calculator

- TI-36X Pro (\$30-35 from USask Bookstore)
- Can't graph data, store documents, talk with other devices or do symbolic integration, but it can do basic arithmetic/trig
- Can handle complex numbers and do numerical integration

Scanner

- Must scan to PDF
- Could be from phone or copier/scanner

Optional Hardware

Printer

- B&W

Camera

- Cellphone

USB Thumbdrive

- At least 1GB

*good to have for students who are considering majoring in computer or electrical engineering



CO-OP INTERNSHIP

Flexible term lengths

The program offers 4, 8, 12, and 16-month work terms

Varied start dates

Begin your work term at the beginning of January, May, or September

Gain experience

Develop a professional network, hone your engineering skills and can gain up to 20 months of paid engineering-focused work experience.

Support

You will receive support from program staff, an industry mentor and a workplace supervisor.

[Learn More](#)

IMPORTANT DEADLINES
To take on a work placement following your second year of studies, you must apply to the co-op program during your first year of study.



PROGRAM STATISTICS 2020 Professional Internship Program

362 JOBS posted; many employers hire for multiple positions

133 STUDENTS placed across Canada

77% of the placements in Saskatchewan

\$4,131.00 average monthly salary



UNIVERSITY OF SASKATCHEWAN

College of Engineering

ENGINEERING.USASK.CA



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