

E N G I N E E R I N G S O C I E T Y
P R E S E N T S

SKULE

H A N D B O O K

F I R O S H H A N D B O O K 2 T O
w w w . s k u l e . c a

BLACK WIDOW

WITH
THE FALCON

AND
CAPTAIN AMERICA



**DARK
ENTITIES
STRIKE!**

MARVEL
263

The following is supposedly approved for public distribution.

The opinions and views expressed in this handbook do not necessarily reflect those of the University of Toronto, the Faculty of Applied Science and Engineering, the University of Toronto Engineering Society, of Marvel or of DC Comics. The Editor trusts that the contents of this Firosh Handbook will not be deemed inappropriate or offensive to any person, groups of persons, superhero, villain, side-kick, evil accompiment or innocent by-stander. However, any reader wishing to file a complaint in regard to the contents of this publication is welcome to do so, and should address any correspondence to the EngSoc President, president@skule.ca. The images, logos, and trademarks contained herein belong to their respective copyright holders, with whom we have no association whatsoever – so please don't sue us. We don't even have the money to pay for our tuition. On the off chance you do decide to sue us, we're absolutely screwed. We'll have to call Batman to be our lawyer, and we all know that he has no superpowers to begin with, so he'd probably be useless in the courtroom. We can't call Thor, because he only understands Asgard's laws & regulations. Plus the Hulk would surely destroy the entire courtroom, and that would only get us into more trouble.



Engineering Code of Ethics

We, the students of the Faculty of Applied Science and Engineering, by virtue of the privilege of being here, represent Skule™ to the larger society. We, therefore, have a special duty to exemplify the best qualities of the Faculty and to observe the highest standards of personal and professional conduct. In so doing, we promote ourselves and the merits of the University, the Faculty, and the Engineering Society. In our words and actions:

- We embody the respect for truth, integrity, fairness, free inquiry, creativity, and the opinions of others.
- We respect all individuals without regard to race, colour, sex, creed, sexual orientation, ethnic or national identity, disability, age, or superhuman powers.
- We follow the letter and spirit of laws and regulations included in the Canadian Charter of Rights and Freedoms, and the Ontario Human Rights Code.
- We observe these standards and actively encourage our colleagues to join us in supporting the highest standards of conduct.

LETTER FROM THE EDITOR

Hey Frosh! I'm glad to see you've decided to open up this fancy handbook and have a looksie at what's inside. Oh, and welcome to Skule™!

Skule™ (yes, it's really spelt that way) is such an accepting and fun community which you're now officially part of! Join a club, hang out in your common room, or save the world from evil. Just be sure to get involved in Skule™ to take advantage of how freakin' awesome it is!

Life moves pretty fast. If you don't stop and look around once in awhile, you could miss it. ("Oh! I understood that reference!")

Leigh McNeil-Taboika, Chem 1T9
Frosh Handbook Editor 1T6

HANDBOOK: CIVIL WAR

TEAM CONTENT

I FORGOT TO FILL OUT AN ENTIRE PAGE OF A QUIZ AND ROLLED OUT REJOICING AT HOW GREAT THE QUIZ WAS.

Vigilante Alias: Vision
Civilian Name: Matthew Mascioni
Superpower: fills your phone storage up with selfies instantly



DRESSED AS A CHICKEN LAST NIGHT AND MET A GIRL DRESSED AS AN EGG. THE QUESTION WAS ANSWERED: IT WAS THE CHICKEN.

Vigilante Alias: Danu
Civilian Name: Daniel Yong
Superpower: can carry anything (if it's not too heavy), time-travels at 1 second per second



YOU CAN CALL ME SOFA, IT SITS WELL.

Vigilante Alias: The Nutcracker
Civilian Name: Sofia Tijanic
Superpower: beats all mortal enemies in ballet dance battles.



TEAM GRAPHICS

I'M LEAVING EARTH FOR NO RAISIN 🤪



Vigilante Alias: Leaf
Civilian Name: Leigh McNeil-Taboika
Superpower: taking three naps in one day

NO WHIPPED CREAM ON THE FRAP PLEASE.

Vigilante Alias: Brain Freeze
Civilian Name: Harry Jiang
Superpower: ingesting absurd amounts of frozen drinks from Starbucks



PEACHTIME



Vigilante Alias: Katwoman
Civilian Name: Meme Queen Katherine Rich
Superpower: bad jokes

AM I A TREE? (NO)

Vigilante Alias: Addy Baetia
Civilian Name: Addy Bhatia
Superpower: can make anyone feel super



A huge "thank you" to everyone who made this handbook possible!

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ORIENTATION



ORIENTATION CHAIR



I am absolutely thrilled to welcome you to Skule™, one of the world's greatest engineering communities!

F!rosh Week is our opportunity to welcome you to your new home and show you the endless opportunities Skule™ has for you. It is your chance to meet new people, make life long friends, and hangout with Skuligans who share a great culture and community with you. Ms Marvel once said "When you decide to not be afraid, you can find friends in super unexpected places." With that, I encourage you to get out of your comfort zones, and take every chance to make your experiences here at Skule™ as diverse and rich as possible.

F!rosh week is just the beginning of an incredible journey, and I cannot wait to share this experience with you. Get ready, it's going to be an unforgettable purple-full ride!

Yours F!roshly,
Dareen Kutob, Orientation Chair 1T6

WHY IS THERE A F!ROSH WEEK?

If you didn't have a F!rosh week, you wouldn't get a head start on making close friends, you wouldn't become an expert in Skule™, and you would have no idea how many crazy things you can do with your newly made friends in just a week! Come out for a ton of social events, competitions, hangouts, and all around awesomeness :D

F!ROSH? SKULE? LEEDURS? U WOT MB?

- The incoming class of 2016 (that's you, kiddies!) is called *F!rosh* (we're so excited the "!" couldn't wait until the end).
- Since you graduate in 2020, you'll be called *2T0s*!
- "*Skule™*" is our way of saying "school" but we're talkin' bout the fun side. None of that academic shhhtuff.
- "*Leedurs*" shall lead you to greatness. They are friendly upper years here to guide you through your F!rosh Week experience. Feel free to approach any of them! They're nice people :D
- "*Head Leedurs*" are your captains and allies. They are in charge of the F!rosh groups and make sure you get to your events on time!



So...

- 1) Register for Frosh Week at orientation.skule.ca
- 2) Join us on Facebook ("**skule**" group), Twitter (@**skule_FroshWeek**, #**FWeek**), Instagram (@**froshweek**) and Snapchat (@**froshweek** - send in your Frosh Week "hype" snaps!)

WHY SHOULD I REGISTER?

- 1) YO, FIROSH
- 2) LIKE, THAT'S IT
- 3) LIKE, THAT'S LITERALLY IT
- 4) Like, yeah, we're done now.
- 5) Well, there's also a Frosh kit, so ayy
- 6) There's an option to turn up at Hart House farm or chill at the commuter house (more info on the website) with the new friends that you'll be making!
- 7) Accessibility services if you require them
- 8) Luv

WHAT IS IN MY FIROSH KIT?!?!?!?

- 1) HARDHAT HARDHAT HADHAT HARDHAT
- 2) Laundry bag for your dirty duds because you're smelly.
- 3) Not one, but TWO super t-shirts
- 4) A towel (for after drinking pina coladas and dancing in the rain)
- 5) Flippy-floppies (shoes!)
- 6) FREE ticket to Skule Nite (Engineering Musical)
- 7) SWAG SWAG SWAG AND MORE FIROSH SWAG
- 8) More luv

WHAT DO I BRING TO THE FIRST DAY?

- 1) Pre-order receipts for registration (on your phone works too)
- 2) Money, if you haven't already registered
- 3) T-Card, if you have it already
- 4) Health Card, just in case
- 5) This handbook
- 6) Phone charger (you'll be Snapping this *ish* A LOT)
- 7) A plastic bag to keep everything above (+ your phone) dry



WHAT DO I WEAR?

- 1) SUNSCREEN! I'm not kidding. Wear it!
- 2) Shoes you can walk to the end of the earth in (we are poor and walk everywhere)
- 3) Weather-appropriate clothing (rain or shine!)
- 4) Clothes that you don't mind getting purple! (we encourage you to dye yourself purple!)
- 5) Your heart on your chest (not literally!)

WHAT NOT TO BRING

- 1) Booty calls
- 2) Textbooks
- 3) Anything you don't want to get dyed or wet!
- 4) Your prom dress/suit - the dye WILL stain your memories
- 5) Valuable items you probably don't want to lose (passport, condoms, etc..)

TIPS FOR A FIWEEKING AWESOME FIROSH WEEK

- Attend all of the Frosh Week Events! **#YOFO** (You Only Frosh Once)
- Although your (head) leedurs may seem OP (Omnipotent Purple), they're really chill and love to make new friends
- Become Purple! rising from the purple pond = epic. Also makes for a great profile picture.
- Wear your least favorite pair of underwear or bathing suit for dyeing - ones that you don't mind being seen in.
- If something intrigues you, ask about it! Leedurs love questions!
- If something looks scary, DO IT (**#YOFO**)
- DON'T STUDY FOR THE EEAT
- SERIOUSLY, DON'T STUDY FOR THE EEAT
- Beware St.Mikes Thursday Night Parties (they don't have classes Friday).
- Your hard hat comes before you (huehuehue)
- Prof. Burbulla is not a wizard (but that is what we would write if he were a wizard)
- Prof. Bernardo is a wizard.
- Enjoy the rest of your summer, 'cause fall is Purple, Hype, and Skule™
- Put a clear coat of polish on your nail, to avoid being purple for the rest of your life ! (I know we all want to be purple forever, but at least give the illusion that you shower regularly.)

#YOFO



OKAY, so now that you've signed up for F!rosh week, it's time to look at some of the sick events lined up for you. **Editor's note:** Havenger Scunt is awesome - with enough creativity you can accomplish anything!
 HYPE
 HYPE HYPE HYPE HYPE HYPE HYPE HYPE HYPE HYPE HYPE
 HYPE HYPE HYPE HYPE HYPE HYPE HYPE HYPE HYPE HYPE

SCHEDULE

Time	Mon. Sept 5	Tues. Sept 6	Wed. Sept. 7	Thur. Sept. 8	Fri. Sept. 9	Sat. Sept.	Sun. Sept.
7:30	Registration	EEAT	Faculty Events	Class	Class	Hart House Farm	Hart House Farm
8							
8:30							
9	Matriculation	F!rosh Olympics + BBQ Lunch	UTSU Clubs Day	Class	Class	Hart House Farm	Hart House Farm
9:30							
10							
10:30	Campus Tours + Dye Station	F!rosh Olympics + BBQ Lunch	UTSU Clubs Day	Class	Class	Hart House Farm	Hart House Farm
11							
11:30							
12	Lunch	Charity	Clubs Fair	Class	UTSU Parade	Hart House Farm	Hart House Farm
12:30							
1							
1:30	Dinner	Evening Events	Discipline Club Activities + Dinner	Blue & Gold Bed Races	UTSU Parade	Hart House Farm	Hart House Farm
2							
2:30							
3	Downtown Walkaround	Evening Events	Discipline Club Activities + Dinner	Blue & Gold Bed Races	UTSU Parade	Hart House Farm	Hart House Farm
3:30							
4							
4:30	EEAT Tutorial	Evening Events	Discipline Club Activities + Dinner	Blue & Gold Bed Races	UTSU Parade	Hart House Farm	Hart House Farm
5							
5:30							
6	Evening Events	Evening Events	Discipline Club Activities + Dinner	Blue & Gold Bed Races	UTSU Parade	Hart House Farm	Hart House Farm
6:30							
7							
7:30	Evening Events	Evening Events	Discipline Club Activities + Dinner	Blue & Gold Bed Races	UTSU Parade	Hart House Farm	Hart House Farm
8							
8:30							
9	Evening Events	Evening Events	Discipline Club Activities + Dinner	Blue & Gold Bed Races	UTSU Parade	Hart House Farm	Hart House Farm
9:30							
10							
LATE	Evening Events	Evening Events	Discipline Club Activities + Dinner	Blue & Gold Bed Races	UTSU Parade	Hart House Farm	Hart House Farm

F!rosh Week Event	External Student-Run Event	Faculty Event
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MATRICULATION

The official ceremony to begin your mission at the University of Toronto as an Engineer. In Con Hall, you'll learn the importance of your hard hat via the hard hat oath, and also begin to immerse yourself in the traditions of Skule™. You will hear many leedurs chant "FIROSH NO MORE!" but do not be weary, this just means they are losing their F!roshginity. Yes, that means you are the new F!rosh in town.

CAMPUS TOURS

On this tour you'll get a briefing of the U of T campus HQ which will soon be your battle station. If you keep your eye out overhead, you might get a peek at Mr. Stark's suit and weapon testing.

DYE STATION

Participate in the time-honoured tradition of getting dyed purple!!! Now that you've got your hard hats and t-shirt swag goin' on, time to go for a swim! Engineers-in-training dye themselves purple as a tribute to the WWI and WWII veterans. Ask your F!rosh leedurs about it!

DOWNTOWN WALKAROUND

Are your feet sore? Back in pain? Tired and thirsty? YOU DON'T FEEL PAIN WHEN YOU'RE HAVING FUN! You march in packs of a hundred or more down roads, through shopping malls, under bridges and sometimes through fountains all while chanting engineering songs! It's training for the Lady Godiva Memorial Bnad!

ENGINEERING ENTRANCE APTITUDE TEST - EEAT

Have no fear! This test has no impact on your marks! Since students come from all corners of the world at U of T, the Engineering Faculty likes to get a good idea of the performance abilities of the incoming class. This information helps professors understand the level of education and understanding their potential students possess. **Protip:** to help you brush up, the Faculty provides a tutorial on the topics tested on the night before the test.

FIROSH OLYMPICS

F!rosh Olympics is a series of fun physical challenges that will test your skills, endurance, and sheer willpower. Compete with other F!rosh Groups and get to know your own group a little bit better! Which group will triumph? Which will save the day?



NIGHTLIFE

Nightlife is a new event (you lucky F!roshlings) which consists of a series of night-time events during F!rosh week. The events range from design projects for the incoming F!rosh to work on with various U of T clubs (Spark, Blue & Gold) to social events that will help the frosh get to know each other more and learn all about the University.

HAVENGER SCUNT

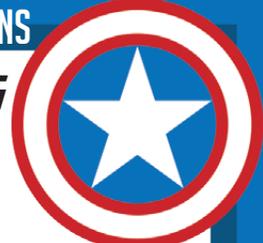
Nope, you didn't read that wrong. That is what we call our F!rosh Week scavenger hunt. But beware! This is not your average scavenger hunt. From eating cloves of raw garlic to getting the mayor of Toronto to officially endorse the Engineering Havenger Scunt, craziness of all sorts have made the list. You won't believe the things that happen at this event!

HART HOUSE FARM

Definitely the coolest way to end F!rosh week, this is an overnight camping trip to the legendary Hart House Farm near Caledon (about two hours away from U of T). Bring a sleeping bag and a tent if you have one, or make friends with someone who does when you get there. Play sports, go swimming, watch a movie, hang out with your friend by a camp-fire, or just enjoy the great outdoors. It's all there at Hart House Farm! This is a great way to relax before the busy school year starts and a place where memories are definitely made. This is an optional event requiring additional admission of \$40. If you would like to attend, please register for a F!rosh Kit package with the Hart House Farm add-on!

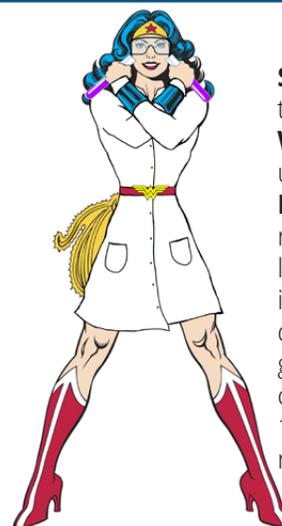
TRACKONE

Strength(s): Super(!) Smash Bros, Interior Design
Weakness(es): Making decisions, leaving SF1105
Description: TrackOne(s) are entirely a group of first year sidekicks that haven't quite decided what brand of hero they want to become yet. They hone all of their powers, from Chemistry to Programming. When the end of first year comes and goes, they get to decide which of the Core 8 Programs to go into. When it comes to pranks and late-night shenanigans, they are some of the best..



CHEMICAL ENGINEERING

Strength(s): Ping-pong, spending more time in the lab than Tony Stark
Weakness(es): Basic electricity concepts, understanding distillation results
Description: When they're not in their common room complaining or playing ping pong, Chems are usually found in the lab, concocting (and hopefully not consuming) brilliant solutions. Chems are the most gender-diverse discipline in engineering, which has all the others turning green with jealousy. Simple electrical circuits in CHE113 can make them feel like their brains have been frozen for 100 years, but Chems can look forward to great natural resource and energy sector jobs as time progresses.



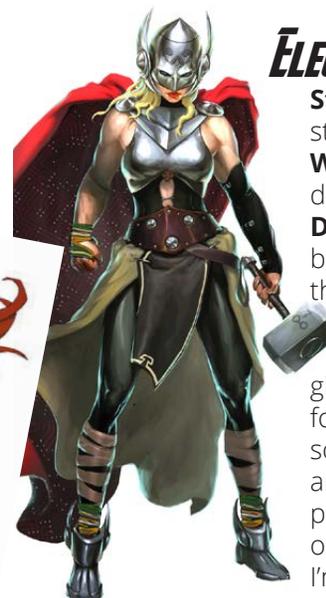
COMPUTER ENGINEERING

Strength(s): Smash Bros, superhero trivia, jobs
Weakness(es): Sleep, fitness, social skills, showering, connecting to things that don't beep.
Description: We are the dark, we are the night... well, that's when we're awake. You are the Batman of Skule™ - the master of technology and logical intellect. This is the most popular discipline, filled with former EngScis, T1s and core8 transfers. The CE utility belt includes the Net-Beans debugging tool (that piece of shit), deodorant, and caffeine in various forms. Look forward spending time in the BatCave (AKA the ECF lab) with disgruntled EEs.



ELECTRICAL ENGINEERING

Strength(s): Being electrifyingly nerdy, getting shocked, staying hip and current
Weakness(es): Che[mystery], second year, showering during exam season
Description: Most people know who Thor is: a strong, brave, and... attractive super hero. You EEs have some things in common with this charming fellow/female! Unfortunately, these similarities aren't strength, bravery, or good looks, but rather the very thing that gives Thor's his power - electricity! Although it isn't easy for EEs to zap their enemies with lightning bolts, they do some pretty cool things like program computer games and build wicked circuits in the lab. EEs' greatest super-power are their incredible wealth of knowledge. Everyone loves intelligence... right? I wouldn't know, I'm an EE.





ENGINEERING SCIENCE

Strength(s): Abstract math, standing out from the pack

Weakness(es): Abstract math, standing out from the pack

Description: Just like the Cap, EngScis don't have actual superpowers (not until Third Year, at least), but they're the pinnacle of engineer perfection while still physically scrawny like little Steve Rogers. In fact, the first two foundational years will actually feel like Steve Rogers at boot camp: insanely grueling and seemingly endless. After that, EngScis are can tackle any challenge thrown at them with their diverse knowledge in almost every discipline. Let's hope their CIV bridges don't yield to anything, much like Cap's shield.



INDUSTRIAL ENGINEERING

Strength(s): Making things more efficient, social skills, saving money

Weakness(es): : Rosebrugh building, science, lots of friends (you'll understand later)

Description: To be honest, a lot of people don't know why they go into Indy, thinking "I wanna be an engineer but I hate *insert science here*." IN THAT CASE, WELCOME ABOARD YOUNG INDY!! Unfortunately, Indy is tied with Mech for first year, so you'll have to complete some courses that don't interest you. Power through those and you'll gain two essential skills: communication and programming. All companies need Indys to save money, time, and lives... ESPECIALLY McDonald's.

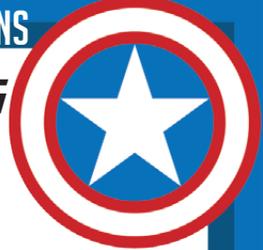


MATERIAL SCIENCE ENGINEERING

Strength(s): Tight family, small discipline, interesting and unique labs, covalent bonds

Weakness(es): : Small discipline, understanding what MSE is, Van der Waals interactions

Description: Much like Spider-man, the true identity of most MSE's is unknown. Don't stress too much about this though, you'll be sucked right into this close knit family like a cation to an anion. As an MSE, you'll get to delve right into the microstructure of materials, finally getting the chance to make Spidey's web with juuust the right tensile strength.



MECHANICAL ENGINEERING

Strength(s): Being cool, going really really really fast, foosball, beer

Weakness(es): Terrible pick up lines, chems, beer

Description: Like Tony Stark, mechs have an insatiable drive to build cooler and cooler stuff just for the sake of coolness. Would the iron man suit be better with a crotch mounted laser? Heck ya! Come 5pm on Friday, mechs put down their tools to pick up a beer at Suds. The only things that could draw a mech away from a beer is a chem or a foosball challenge.

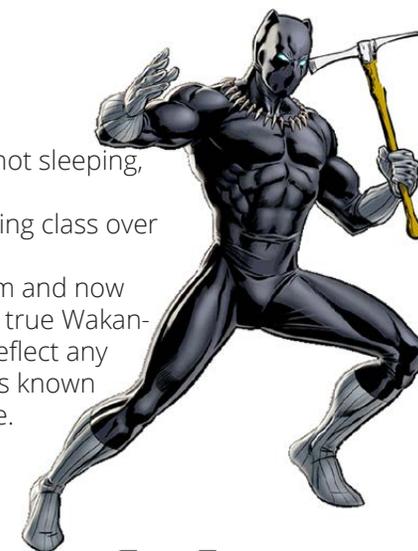


MINERAL ENGINEERING

Strength(s): Call of Duty, PEY Placement, not sleeping, riding the curve

Weakness(es): CIV100, keeping a graduating class over 20 people, shiny glowing rocks

Description: Mins started from the bottom and now they're here! They stand 40 strong and are true Wakandans, having tough vibranium armour to deflect any rock or gold-digging joke in the book. Min is known to be the most community-based discipline. Never forget that MIN ENG ROCKS!

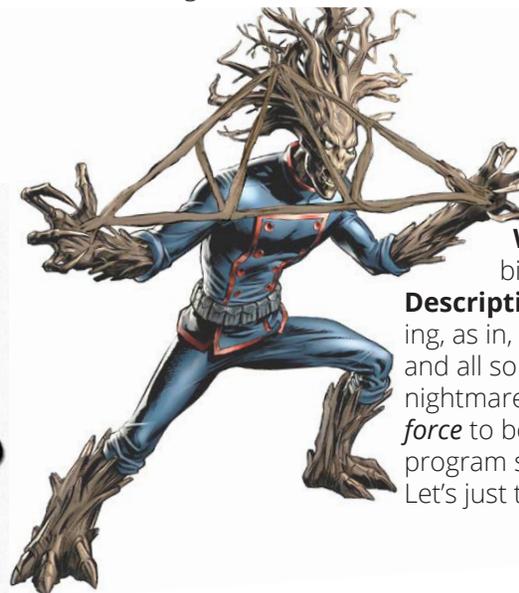


CIVIL ENGINEERING

Strength(s): 3D equilibrium, socializing, understanding mechanics

Weakness(es): chemistry, electricity, biology...

Description: Civs are the anomalies of engineering, as in, they actually *like* CIV100, mechanics, and all sorts of equilibrium problems that are nightmares for the other disciplines. Civs are a *force* to be reckoned with, as the *stresses* of their program simply brings them closer together. Let's just take a *moment* to appreciate that.





YELLOW

It's a bird, it's a plane, it's an engineer! Every superhero needs a super suit and this is the start of yours. Found in your very own Flrosh Kit (along with other superhero swag), the hard hat is a defining mark of an engineer and when it is not on your head it should be over your heart. However, you must be wary, as civilian ArtScis are extremely jealous and may attempt to steal them to gain your power. If you ever find yourself in such a situation, yell "HARD HAT" and the Stolen Hardhat Intelligence Team (S.H.I.T) will intercept and recover the stolen item. Later on you can personalize your hard hat by decorating it during Godiva Week and at the end of the year, after proving your mettle, you can complete your super suit with the addition of coveralls!



WHITE - GOVERNANCE

The Engineering Society Officers and Discipline Club Chairs wear imperial white. They earn their hard hats through dedication to Skule™ and are responsible for the direction of our society and its general wellbeing. The EngSoc President is bestowed with the revered fireman's hard hat.

GREEN - PROJECT DIRECTORS

These people are responsible for the services and initiatives of the Engineering Society. If you want to order textbooks or lunches, read a newspaper, yearbook, or handbook (hey that's me!), provide tools, dances, or other events, these people are what make school Skule™.

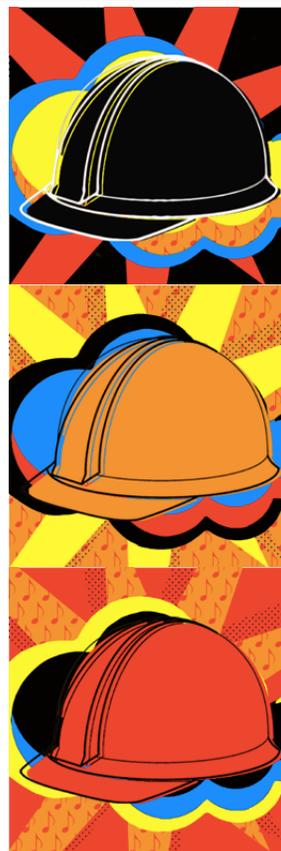
ORANGE - REPRESENTATIVES

If you were to gather all orange hard hats in one room, you would have prime representation of the entire society in one room, plus a lot of food (engineers love food). These people are elected officials who sit on boards and groups so students don't have to.



BLACK - THE CANNON GUARD

The protectors of our beloved Skule™ mascot, Ye Olde Mighty Skule™ Cannon, don these formidable hard hats. They defend the three tenants of the cannon: Honour it, Respect it, Protect it. The Chief Attiliator wears the biggest, blackest, hardest, hat. They are a silent guardian, a watchful protector, a dark knight. You may find this on your head, one day.



HIGH VISIBILITY ORANGE - BNA D LEEDURS

Why so serious? No really, why? Cut loose with the Lady Godiva Memorial Bnad and their loud leedurs that wear these highly visible orange hats. If it makes a noise, you can play it with the bnad (be it a stop sign, trash can or pylon). As long as you bring the Skule™ Spirit, you will always be welcomed with open arms.

RED - SKULE NITE

Just for being a Flrosh, you get a free ticket to see Skule™Nite, which is the best theatrical show put on by engineers, for engineers. The people with the red hard hats are the directors of this magnificent show, and are really, SUPER funny.

HARD HAT CROWNS

Mr. Blue and Gold and Lady Godiva are Skule™ spirit personified, having won their crowns during Godiva Week. They have been bestowed with magical powers that can only be activated by you! If you see Mr. Blue and Gold, yell "Drop your pants!" and he will do so. Likewise, if you see Lady Godiva, yell "Godiva" and she will click her heels and say her name. Remember, with great power comes great responsibility.



SILVER, NAVY BLUE, LIGHT BLUE - ???

These hats don't exist. In fact, this entire section doesn't exist. What you have been reading for the past few seconds doesn't exist. Scarlet Witch has clearly been messing with your head and you need to relax at Suds.



TRADITIONS

LADY GODIVA
LADY GODIVA



Lady Godiva of Coventry was an English noble-superwoman of the 11th century who ruled Coventry City alongside her husband Captain LeoQuick*, Earl of Mercia. Legend tells that the residents of Coventry suffered from ever increasing taxes imposed by LeoQuick, so Godiva urged her husband to lower them in pity of the town's residents. Denying her request, LeoQuick told her he would only lower the taxes on the condition that she would ride through the town naked on horseback. In response, Godiva issued a proclamation to the town, asking them to stay indoors and shut their windows until further notice. Wearing nothing but her superhero mask, she mounted her steed and rode through the streets. Out of respect for Lady Godiva's selflessness, the town's residents averted their gaze as she rode. LeoQuick, a captain of his word, lowered the taxes and the residents of Coventry rejoiced.

Lady Godiva is considered to be the patron saint of engineering due to her recognition of social responsibility. As future engineers, it is vital to take into consideration the needs of society above all else and to strive to achieve our best. As a result, many facets of the Skule™ community celebrate Lady Godiva and her noble cause, exemplified in the endless verses of Godiva's Hymn.

*actual name was LeoFrick



Ch-ch-ch-check it out - it's Lady Godiva and Mr. Blue & Gold! See Page 71 for more information on this Skule™ year's dynamic duo...



THE IRON RING

Alright Frosh, the Guardians of the Galaxy told me to share a secret with you: they told me that as engineers, you will receive a ring that will grant you incredible powers! All you have to do is put it on and... Wait... I'm mixing my rings up, this is the Iron Ring we're talking about, not the Power Ring! Seriously though, the iron ring is a symbol and a reminder of the obligations and ethics that are associated with our profession as engineers. It is crucial to remember that our work deals with human lives and can lead to catastrophic outcomes.

On August 29, 1907, the Quebec Bridge that was under construction collapsed, leading to 75 deaths and several injuries. Investigations showed that the cause of the collapse was poor design and planning by the overseeing engineers. Shortly after, a meeting was held between the seven past presidents of the Engineering Institute of Canada and, in 1922, H. E. T. Haultain (after whom the Haultain building is named) presented the idea of a statement of ethics to which graduating engineering students must subscribe. With the help of poet Rudyard Kipling, the Ritual of the Calling of an Engineer - now known as the Iron Ring Ceremony - was created. According to Kipling, the purpose of this ceremony is to "direct the young engineer towards a consciousness of his/her profession".

The key part of this ceremony is to place the iron ring on the pinky finger of your dominant hand, so that whenever you sign a document or a drawing, the ring will make a tapping noise, reminding you of your promise.

Legend has it that the first iron rings were forged from the wreckage of the collapsed bridge. Nowadays, the rings are made from either wrought iron or stainless steel. The actual Iron Ring Ceremony occurs sometime in March and, even though it's not a secret, it is a private ceremony that only graduating engineering students are able to attend. But don't you worry Frosh, if you keep working hard, you'll get your own iron ring! Who knows? Maybe it'll give you incomprehensible powers.



PURPLE DYE

The tradition of dyeing purple during Frosh week began in the year 1863, when the Royal Military Corps of Engineers chose purple as their colour. Later in the early 1900s, marine engineers on steam ships (like the Titanic) wore purple armbands to distinguish themselves from the rest of the crew. Since they worked in hot and humid conditions, the purple bands stained the engineer's skin purple. On top of being extremely hardworking, the engineers were also brave and loyal. If the ship encountered a problem, the engineers remained in order to keep it afloat for as long as possible. Unfortunately, this meant that if the ship went down, so did the engineers. Thus, to honour their sacrifices, the colour purple has become a symbol of dedication and hard work in the engineering community. So carry on the tradition by dyeing yourself purple and encouraging other Frosh to do it as well!

ENGINEERING JACKETS



First things first, I'm the realest here: FIROSH NO TOUCHIE THE JACKETS. Just kidding, you can look but you can't touch. Kidding again. Engineering jackets are the most fly leather jackets that money can buy, and as such, they need to be EARNED. So, you can't buy one until you've finished first year! Plus, with a price tag of \$500 you're gonna need some MAAAAAD S.H.I.E.L.D. money which will probably involve a summer job of some sort. There's also the fact that some of you will change disciplines after first year, which would make having an EngSci jacket mighty awkward if you end up as an Indy...

So you may be wondering, "hey, why should I buy one???" WELL young Froshie, to put it simply, it's an important part of engineering culture in Canada and a symbol of pride that you can rock for decades after you've graduated. Most major engineering schools in Canada have a unique leather jacket, so make sure to take advantage and get your own!

There are usually two fitting sessions during the year (one in Fall and one in Winter) so be on the lookout. You can also get some cool patches and stickers to add your own story. Cooler still, you can take an aggressive approach and subject your jacket to HYDRA-level torture tactics to give it a rugged look. DO SO AT YOUR OWN RISK.

COVERALLS

If leather jackets are the newest and shiniest of Iron Man suits, coveralls are the trusty undershirts that Tony Stark wears while fabricating his brilliance. Rain or shine, coveralls are ALWAYS in style and are the go-to outfit for getting WORK done, whether it be for Godiva Week, Frosh Week (yay), or anything in-between. Just like jackets though, you have to wait to get your coveralls at the end of first year, BUT they'll cost you a lot less at about \$40-\$50. Of course, once you buy them, the next step is DECORATION! Go HULK with patches, stickers, paint, ANYTHING! Heck, you can even chain your hard hat to prevent pesky thefts... So be on the lookout for fitting sessions that take place at the end of the year and during the summer and nab yourself the HOTTEST work outfit of FOREVER.

HARD HATS

Hard hats are like a pair of bullet-proof underpants made my Tony Stark himself: you only get them if you're an AvENGINEER. So guard it well Frosh, as the ArtScis will be making mad dashes for it at every chance they get! IF you manage to treasure your hard hat, you get to make it SUPERFANCY and decorate it to your heart's content! Show everyone your style! You are limited ONLY by your imagination! And explosives regulations. Seriously... please...



1873 – It All Starts: The Ontario School of Practical Science (SPS) -the precursor to the Faculty of Applied Science and Engineering (APSC)- is founded and occupies part of the Mechanic's Institute at the corner of Adelaide and Church Street.

1878 – The Lair a.k.a the Little Red Skulehouse: The SPS joins forces with U of T and relocates to the infamous Little Red Skulehouse, located at the corner of King's College Road, where the Medical Sciences Building now stands. Construction of the building is completed in 1889.

1884 – The Engineering Society Is Born: T. Kennard Thomson (an SPS student) hosts a dinner and professors John Galbraith and W. H. Ellis are invited. Professor Galbraith supports the idea of an engineering society and a constitution is drafted. Elections are held in 1885 with Galbraith as the first president. The original function of the society is to facilitate learning and research.

1889 – A New Hero: Professor Galbraith, feeling that the Engineering Society is capable of running with a student president, steps down. An election is held and H. E. T. Haultain becomes the first student president of the Society.

1891 – The Superheroes Find Their Colours: The colours for engineering are selected to be blue and gold, and are the colours used by the Engineering Society to this day.

1906 – A New Age: On June 20th, the School of Practical Science formally becomes part of the University of Toronto. It is renamed the Faculty of Applied Science and Engineering, but the name SPS remains a large part of the engineering identity.

1911 - Toike Oike: The Society creates an election paper known as the Toike Oike. Legend disagrees on the origin of the name, whether it was coined by a student during a late-night chant contest or came from an old Irish janitor, we may never know. The newspaper evolves into the "official" source of news for the society and later, a humorous publication.

1920 – The Catchphrase: "Toike oike, toike oike; Ollum te cholium te chay!" The Skule™ Yell is heard for the first time.

1921 - Skule™Nite: The first "Ngynyrs in SPaSms" is shown at Massey Hall on March 2nd. It later goes through name changes and eventually becomes Skule™Nite, with an (mostly) annual show.

1936 – Ye Olde Mighty Skule™ Cannon: While cannons have been a large part of life at SPS since 1899, it isn't until 1936 that the Mark I Cannon is unveiled. It is built hours before a School Dinner and is no bigger than Thor's hammer. The cannon goes on to become The Society's most guarded mascot.

1948 - LGMB: The Lady Godiva Memorial Bnad (sic) is founded by A.J. Paul LaPrairie, and make their first appearance at the Homecoming Parade. U of T President Sidney Smith joins the Bnad on occasion wearing a black moustache.

1966 - End of an Era: The Little Red Skulehouse, with its deep connections to Skule™, is torn down for a new Medical Sciences building. It is the last major link to SPS and the name Skule™ is wholeheartedly accepted.

1977 – FIRE!: On the morning of February 17, a fire starts in the wall of the north-east lecture hall in the Sanford Fleming building (where SF1101 now stands). Undetected it spreads through the building, destroying student space, EngSoc space (including archives) and many offices. No superheroes were found in proximity.

1982 - Waterloo Tool Escapade: Waterloo engineers cry about a large wrench.

2000 – The Famous Queen's Grease Pole Liberation: A small section of the Pole is cut off and kept before the Pole is returned; part is sold on eBay, and the other is added to the belt worn by the Chief Attiliator, where it remains to this day. The belt, incidentally, is the chain that once protected Waterloo's Engineering mascot, the Tool, before it too was liberated.

2008 - Engineers Remember the Wars: On the 90th anniversary of the end of World War I, engineers pay their respects by arranging 628 crosses on Front Campus as a memorial to the students, faculty, alumni and staff who lost their lives. Despite going against University policy of obstructing Front Campus during Fall Convocation, the installation is granted an exception.

2008 - Sword in the Stone: After being removed by the university twice, a major Skule™ symbol (the Sword in the Stone) is finally resurrected in the Galbraith Quad. It stands 10 feet tall and is inscribed with the quote: "For he that is blemist with this brode brande blinne shall he never," which translates to: "For he who is wounded with this broad sword shall never cease bleeding."

2011 - Sword in the Stone Returns: In retaliation to a "prank" by McMaster, they get their very own Sword in the Stone! Six heroes install the 1600 lbs. monument in front of the Mac engineering building and evade campus police by pretending to be a construction company finishing a rush order on a Sunday afternoon.

2012 – Sword in the Stone Forever: The conquest continues with Waterloo. Disguised as construction workers, a A BFC crest with the words "Disrupto Ergo Sum" are engraved on the Waterloo sword, which is completed within one hour on a Friday afternoon. In retaliation, Waterloo installs a functional fountain in Sandford Fleming Atrium in the middle of the night.

2012 – York Trident: To celebrate York "University's" new engineering program, U of T engineers present a 6-foot fork stuck in concrete. As the adage goes: "if you can hold a fork you can go to York."

2015 – Queen's Grease Pole Escapade II: Several Skuligans liberate the pole in hopes of giving it a better home. A ransom list is created for engineering schools in Ontario as an open competition. After being in our possession for months, McMaster takes the homeless pole with a promise of its safe return to Queens.

2016 – Class of 2T0: What will you add to the list?



CANNON TIMELINE

1929 - Shots Fired!

An engineering caper resulted in the firing of one of the two cannons in front of Hart House.

1931 - A Tiny Cannon...

A small cannon began to appear during Skule™ festivities, was fired, and then mysteriously disappeared!

1941: UC: 1, Cannon: 0

University College stole The Cannon. After a thorough campaign of threats printed in the campus newspapers, UC planned to return it; but before they could, conniving engineers found its hiding place, and it was liberated back to the rightful hands of the engineers.

1949: More than Medicine Found in the Med Sci Building.

After the heated Chariot Race, a Med student grabbed the Cannon and ran into the Med Sci building. In retaliation, the engineers kidnapped the Med Society president. After a few days of negotiations, The Cannon was returned, marred with a new inscription that read, "Captured by MEDS 5T2, 3 Feb. 1949."

1967: The Cannon visits the Queen of England (sort of..)!

The most infamous Cannon theft of all. Capitalizing on a lapse in security, two graduate engineers spirited away with The Cannon, and made their way to the British Isles. Six brave engineers took it upon themselves to restore the pride of Skule™ and tracked The Cannon to UC in England, where two of them, venturing into the thieves' living quarters, recovered it.

1993-1994: Fahrenheit 1710 Heats Things up.

26 years after the last successful attempt, the Cannon was finally captured. A ransom note signed "Fahrenheit 1710" was sent some time later, demanding that a group of Engineers run onto front campus wearing only their underwear, carrying a banner of specific dimensions that said some nonsense about how artsies rule. The demands were, of course, ignored.

1994: The Cannon Makes a Bang at Grad Ball.

The stolen Cannon was finally recaptured just in time for the 1994 Grad Ball. The recovered Cannon was subsequently presented to a very deserving Malcolm McGrath (former Assistant Dean) for his leadership and contribution to student life that has aided so many undergraduate and postgraduate Engineers.

2000: Skule™ Cannon Meets Queen's Grease Pole <3.

A small section of the Pole was cut off and kept by U of T engineers before the Pole was returned. Part of the piece was added to the belt worn by the Chief Attiliator, where it can be seen to this day. The belt, incidentally, is the chain that once protected Waterloo's Engineering mascot, the Tool, before it, too, was liberated in 1982.

2006: Cannon Undercover.

Sergeant Steve Cox, an officer of the University of Toronto Campus Police and a major ally of engineering, retires from service. To thank him for his service, a 50% scale of the 1984 Cannon is forged for him and fired alongside the 1967 Cannon, 1973 Cannon, and 1998 Cannon after his retirement ceremony, which took place earlier in the day.

2013-2014: The Mighty 1T3 Skule™ Cannon!!

The Waterloo Tool is liberated, later followed by the Ryerson Ram. Part of the ring on the Ryerson Ram is removed and is added to the belt worn by the Chief Attiliator. Meanwhile, after 15 years of service, the 9T8 Cannon is replaced by the 1T3 Cannon at Matriculation during Orientation week.



The history of love, loss pride, and war has earned The Mighty Skule™ Cannon the title of our beloved mascot. While it is YOUR mascot, and every member of Skule™ has the responsibility to protect the Cannon, the Skule™ members who show undying dedication, spirit, and pride are chosen to dress up as guards. Demonstrate these qualities and you too will be chosen to guard our mighty mascot.

Introducing...

The World **Famous**, Quintuple **Prize Winning**, Sextuple Record **Setting**, 60 Years **Celebrating**... **TSE** crashing, football field dashing, **alcohol** stashing, Jumbotron **flashing**, Royal York trashing, fountain splashing, joke rehashing, Oktoberfest bashing, button mashing, joke **rehashing**; Stealth-bnad stalking, impostor bnad mocking, Gradball shocking, Con **Hall rocking**, Scavenger hunt jocking, **CHARIOT RACE CLOCKING**, United Way walking, **Speakers** Corner talking, hockey game socking; Pop **machine filling**, ready and willing, **Crown Royal** swilling, yo' we jus' chillin'!; CN Tower **ascending**, peace and quiet **ending**, Cannon **defending**, many patents pending; Coke machine wiring, world take-over conspiring, **instrument** acquiring, fear inspiring, introduction is **tiring**; Seven year old Scotch decanting, ALL **STUDIES AT THE 1910S** **UNIVERSITY** Booby ball boucin', **CUPE 3902** strike strikin', Rant Memorization **FAILINGGGG**, Vanier Cup rejectin', **premium** beer selectin', **Godiva resurrectin'**, mascot collectin', tastes good with **pectin**; Stairs falling, **campus** police calling, out of **control** ballin', lololololing, Funeral reception enthralling, **Boobyballing**, LGMBear mauling, shelf installing; Bnadmageddon reviving, **TBOG** road trip driving, **Vitamin water** imbibing, Argos game jiving; Wheel of Fortune spinning, stereo winning; Swiss Chalet eating, **Santa Claus** greeting, Atrium meeting, **Smash Bros.** beating; Mad integrating, Nathan Phillips **skating**, Aramark hating, triple X rating, liquor aerating, **XBOX** upgrading, TV replacing, Rob Ford rally **invading**; musical skill faking, **venue** decoration taking, **angry-cat-face** making, knee breaking; **Yonge St.** cruising, Varsity Bluesing, music **abusing**, ear drum bruising, **Blue Jay** enthusing, Iron Ring **perusing**, Hart House Farm **carousing**, Rum & **Coke** oozing, referee **accusing**, S&R boozing; Wing **plattering**, crosswalk **scattering**, purple dye splattering, **perpetual** warranty myth-shattering; **Graffiti Suds** glowing, John K. Hall knowing, **chair** throwing, money owing, Stolen Toike stowing, SHOULD I KEEP GOING!?!? **Gamecube** playing, **Trogdor** slaying, artsie laying, fine paying; Police escorting, lecture aborting, **broomball** sporting, cheerleader courting; S-Dance **boating**, **Homecoming** floating, proxy voting, sticker coating; **Note** nailing, scale scaling, **song** wailing, movie delaying; **Football** loss cheering, spaghetti **monster** fearing, alumni suds beering, fire bell searing; **Pride Parade** priding, traffic abiding, trombone sliding, **mustache** riding; **Queens Golden** showering, **Sourpuss** souring, gin devouring, F!rosh **EMPOWERING**; Funeral halting, **mascot** assaulting, **beverage** malting, artsie insulting; CN Tower, **Skydome**, Eaton **Centre**, Pratt Building, Four Seasons, **Innis Condo**, **Scarborough RT**, Bahen Centre for information Technology, Ontario University **Fair**, **Varsity Stadium**, Skulenite, Spadina **streetcar** and Sheppard subway **OPENING**...



AND **SUBWAY** CLOSING ...

Lady Godiva Memorial Bnad

Renegade musical terrorists, marching gregorian chant society and white noise brigade





Hey there! Has anyone told you that you have a superpower? NO? Well then let me be the first! Now that you're part of Skule™ you have the ability to withstand crazy amounts of HYPE. See, most people experience bad grades and a general disregard for responsibilities. But not YOU! It's only cuz of this new superpower that you don't spontaneously combust from the utter awesomeness, SEXINESS and thrilling excitement that occurs during the week. Thank yourself, no really, take a second to appreciate what a beautiful and powerful human you are. Soak it in. OK back to Godiva Week.

Godiva Week /gə-'dī-və wēk/ - noun: A week-long celebration at the beginning of the Winter semester, Godiva Week is made to honour the spirit of Lady Godiva through various (awesome) events and copious amounts of BEvERages.

There's no REAL way to capture Godiva Week but I'll give it a shot. Godiva Week is the REASON you were gifted with this superpower in the first place. Think of it like powerful radiation: it's everywhere, in everything, and you really can't avoid it. But unlike the Hulk you won't turn green and angry, instead you'll let your inner purple shine and participate in so many activities you'll start to wonder if you also have super speed!

To begin, we appeal to the Engineering gods by reading the Fundamental Theorem of Calculus as we resurrect the spirit of Godiva to watch over us before diving into shenanigans. Over the next five days we hold a variety of activities including: Ye Grande Olde Chariot Race (imagine pulling recycling bins on wheels over snow in a HIGH OCTANE race), F!rosh Hard hat Decorating Competition, Ultimate F!rosh, Godiva's Quest (engineers fight over who is most capable of solving riddles without WolframAlpha), Mr. Blue and Gold, Godiva's Crown, Charity Stores and Date Auctions, and Charity Car Smash.

The three stand-out events are Ultimate F!rosh, Mr. Blue and Gold and Godiva's Crown. That's because these events allow every Skuligan (that's you!) to watch the high-hype, hardcore competition for these titles. It's frosh against frosh in a deadly battle to the end. If you're able to complete the F!roshtastic challenges, you will win the title of "Ultimate F!rosh" and the privilege of jumping up and down anytime someone yells, "jump up and down." Mr. Blue and Gold and Godiva's Crown are the Skule™ figureheads that represent our spirit and community! Both competitions are held in the evening where competitors put on a show and do their best to bribe the judges. After winning, Mr. Blue and Gold must drop his pants at the delightful request of "drop your pants" and Godiva's Crown must click her heels and shout her title at the call "Godiva".

So there! EXCITED YET?!? You should be. If you didn't get excited you should be now. Now. NOW. N – OK I can tell you that Godiva Week promises SO MUCH FUN. SO much fun that surviving Godiva Week should be a skill you can put on a resume. Enjoy dear F!roshies!



So let's say you're walking along one day and then you hear it: the sound of a thousand HYDRA agents bearing down on Skule™. Ok, maybe not a thousand... Maybe not HYDRA agents either... Point is, there are people who just want to watch the world burn and will try to disrupt the peace and prosperity of Skule™ through shenaniganism. As an honourable member of U of T engineering you will NEED to defend the honour of Skule™ if any threats to its artifacts are imminent. This page describes the Skule™ Hierarchy, an ordered list of items that embody the very SPIRIT of Skule™ and must be prioritized in the following order:

THE SKULE HIERARCHY

1. THE MIGHTY Skule™ CANNON
2. The Engineering Flag
3. The Lady Godiva Memorial Bnad
4. Your Hard hat
5. You

If THE MIGHTY Skule™ CANNON is present, it must be protected at all costs – it is our mascot and greatest treasure and its safety is of the utmost importance. Once the CANNON is safe, our next priority is the Flag. After the Flag is the Bnad, who need protection because, contrary to popular belief, it is not easy to defend oneself from an Ultron-bot with a sousaphone wrapped around one's body. Finally, you must protect your hard hat because it protects you, and it protects you because you protect it, and you protect it because it protects you... Once items 1-4 are secure, head to SUDS to take care of item 5. To your orders!!

NAH, I REALLY DON'T SERVE A PURPOSE
HERE. GO ON, SCAT.



ACADEMICS



PRE-CLASS CHECKLIST



A capable hero needs a capable utility belt. Utilities that will help you in your time of need; utilities that will act as make-shift survival tools; utilities that will help you combat your GPA in any course; and, utilities that will empower you to make Skule™ great again! But what utilities you may ask?

PEN(1)S

That's right, just one pen! This pen will be your lucky pen from your first test (the EEAT) to your final exam before collecting your Iron Ring. 9/10 would scare bad guys (or girls).

PENCIL CASE(S)

Your utilities need a holder, right? This pouch will connect directly to your belt and will hold all of your tools.

NOTEBOOK(S)

You've gotta be able to record the crime scenes (i.e. lectures) quickly on a reliable device to review later.

LAPTOP/PC

Any specs will do; needs to be able to run Internet Explorer so you can download Google Chrome.

EARPHONES

For the ear. And music. And for times when you want one in the other.

FAST E-MAIL SKILLS

You'll get a lot of emails from professors asking you to rate them. Just do it.

PRESTO CARD/ TTC MONTHLY PASS

You have to come to class. Well, at least you should.

CONDOM(S)

If you get lucky, grab some free ones at the sexual education center or the OISE building

AN APPROVED CALCULATOR

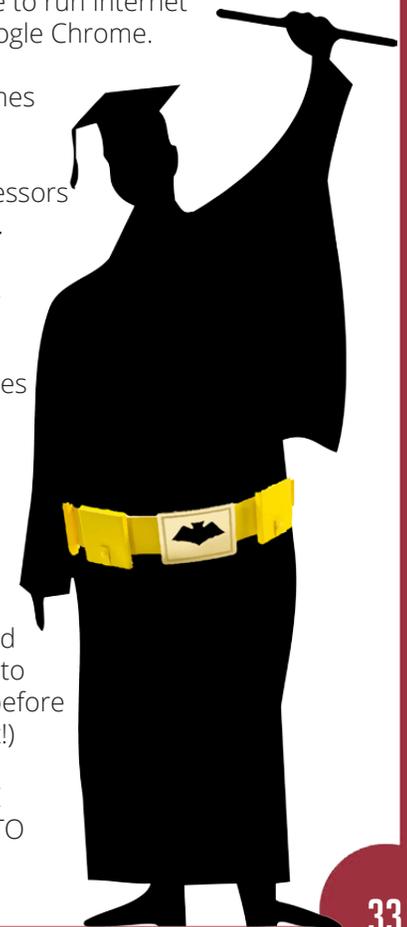
<http://bit.ly/calshit> shows all approved calculators. 10/10 will help you calculate your GPA.

TIME-TABLE

Villains are in every lecture, lab, and tutorial you will attend. Know how to find them. (May update THE DAY before your first class, so keep checking it!)

ENTHUSIASM

LET'S GO KICK SOME BUTT AT THE F!WEEKIN UNIVERSITY OF TORONTO LADIES AND GENTLEMEN





PROTIPS FROM FORMER FIROSH

- You only get 4 (or 5) years, make **each** and **every** day count.
- Go to class. Seriously, you'll start falling behind before you know it. If you fall behind in anything, take notes and make up for it as quickly as possible.
- Purple proof your house before the first day of Firosh.
- Don't wait until the next quiz, test, lab, or midterm to find out if you are struggling with something. Seek out assistance as soon as possible.
- Go to office hours - the profs make time to help you, so you should take advantage of it.
- MC252 and MC254 are NOT on the second floor of MC
- Check out Blackboard portal for every course beforehand, it has TON of information on upcoming deadlines and assignments
- When things get tough, get tougher
- Ken Ho's food truck will give you diarrhea. Do not under any circumstances eat Ken Ho's, unless you're a masochist. **You have been warned.**



- Please don't spam the discussion boards (pls)
- U of T's WiFi is incredibly fast. If you have some heavy (legal) downloading to do, do it at school (remember that illegal torrenting or pornography = Wi-Fi taken away)
- Watch out for Sadiq
- University is a new chapter of your life and this is fresh new start. University is about discovering who you really are, so step outside your comfort zone and try things you'd never do in highschool
- If you convince yourself that you can't accomplish something, you won't accomplish it
- Though it's highly controversial, a Mac will serve you just as well as a PC (lol no srsly)
- Get involved but don't overload yourself with too much activities and work that it affects your health. Time management and sleep is also very important. Sleep. Coffee isn't a sleep replacement
- Each lab may not be worth much, but it adds up to you passing or failing a course!
- Upper years are friendly. I promise they don't bite. In fact, you should bite them
- Make friends. Friends are fun! Without new friends, university will feel 10x less useful
- Don't think you can't do something because someone else can't or they told you that you can't. Take control of your life, and do whatever the heck ya want boo boo
- Find something you are passionate about and start a side project in the year or join a club. This will give you something to distract yourself with when things get tough
- **Your life is just about to begin**



Textbooks: The multi-hundred dollar things that you'll forget you have and will only reference the night before a midterm because you haven't been to lecture all semester.

To be serious though, textbooks are reference texts for the course that have been selected by the course coordinator. This means that you can be (somewhat) confident that most of the testable course material is covered by the textbook. Obtaining textbooks is not mandatory but it's strongly recommended.

ALWAYS BE AWARE OF WHAT EDITION OF THE TEXTBOOK IS REQUIRED. PLEASE. If you waste your money on an outdated version, you'll have a \$153 fireplace log. The following are a few ways to obtain textbooks:

UNIVERSITY OF TORONTO BOOKSTORE

Not the most cost-efficient place to buy textbooks, but if you feel like you haven't overpaid in a while make sure to drop-by the university's bookstore in the Koffler Centre next to Bahen. It is said that not even Nick Fury's S.H.I.E.L.D money can afford textbooks here...

ENGINEERING STORES

Engineering Stores are a service of EngSoc that sell new first year textbooks cheaper than anywhere else, along with a lot of other Skule™ swag. You'll even get a nice discount when you pre-order all of your textbooks at once! Check out Page 68 for more information!

UPPER YEARS

Upper years are always willing to sell their textbooks. Seriously. Since the books have been used before, the prices that upper years offer will be much lower than both the Engineering Stores or the University Bookstore. But that might mean putting up with some damage, folds, creases, writing, highlighting, etc. Discipline clubs hold 'book smokers' where you can buy textbooks from upper years during Flrosh Week.

TUSBE

TUSBE (tusbe.com) is kind of like Kijiji or Craig's List for university students in Toronto who are looking to buy and sell textbooks. Exercise caution and proper internet safety when using TUSBE. Always meet with the seller in a public place and make sure you get the right edition!

DISCOUNT BOOKSTORE

Located at 229 College St. (across the street from the University Bookstore), you'll be introduced to this store when the employees come to your first few lectures to hand out their flyers. Their prices are typically just a few cents lower than those listed by the University Bookstore; it *IS* a discount... Barely.



There are several awards and scholarships you can apply for to help you pay tuition fees. There are awards and scholarships purely based on academic performance, which everyone is automatically considered for based on their entrance average. Then, there are scholarships that are awarded based on involvement in extra and co-curricular activities, which are based on students' ePortfolios.

THE ONTARIO STUDENT ASSISTANCE PROGRAM

OSAP provides loans to Ontario residents. Loans are interest-free as long as you are enrolled as a full-time university student

UNIVERSITY OF TORONTO ADVANCED PLANNING FOR STUDENTS

UTAPS is set up for people who have already received maximum assistance from OSAP and still do not have the necessary financial aid. The great thing is that you will be automatically considered, and you don't have to pay the money back!

ONTARIO STUDENT OPPORTUNITY TRUST FUND AWARDS

For admission OSOTF Awards, it is crucial that an incoming students complete a UTAPS application in order to demonstrate financial need.

FACULTY GRANTS

If you have exhausted all other means of support and still find yourself in financial difficulty, the Faculty can provide assistance in the form of a grant. Applications should be submitted to the Engineering Undergraduate Admissions Office (GB153).

EXTERNAL SCHOLARSHIPS, AWARDS, AND GRANTS

Students should check the scholarships bulletin board located in the Galbraith Building, outside room GB153, for information about external scholarships for which they may be eligible. Also look into the UTSU Book Bursary Offered by the UTSU and U of T Bookstore; this bursary is a partial reimbursement for the costs associated with purchasing textbooks (sweet!).

ECF

LABS

These labs will be used only by you, to access any and all documents passed between Nick Fury and yourself, or the other commanding Avengers. Breach of this policy will result in immediate suspension from the galaxy.

Welcome to your new home, comrade (and comrades). The Engineering Computing Facilities house an endless supply of fast, Linux and Windows computing power you can't get on your mama's machines.

These rooms will be cold (because computers can be hot too) so make sure you cover up. Each lab will portray their avaiablites outside of the roms on a flat screen tv, as well as online at <http://bit.ly/ecfstats>. Labs are only accessible with an engineering T-Card (see page 55 for more info on these infamous Tranquilizer Cards).

Each lab comes equipped with state of the art printers and a strict no food policy. You'll be banned if you get caught, so if you want to watch the Raptors game while doing problem sets with your friends, make sure to eat before you go in!

Locations (for all engineers):

SF 1106, 1012, 1013 (Sanford Fleming)
GB 144, 150 (Galbraith)
WB 255 (Wallberg)
EA 212 (Engineering Annex)

Locations (department specific):

MIE	MC 402, MC 325, RS 303
CHEM	WB 216A/B
MIN	MB 130
MSE	WB 158
ENGSCI	BA 2124
CIV	GB 422

Throughout the school year, ALL the labs will be accessible 24/7 (even Christmas, New Year's, and your birthday). Most are also open during the summer - aka 24/7, 365 days a year.



Don't forget to check out the super special awesome map included with your handbook!

BAHEN CENTRE FOR INFORMATION TECHNOLOGY - BA

Bahen (pronounce bay-en) is one of few modern engineering buildings, looking more like the Avengers HQ than a building filled with offices, lecture rooms, the ECE study hall, and the (gorgeous) EngSci common room. Bahen's study spaces are used for intense study sessions and even more intense naps. Prof. Shai Cohen will readily point out some (or all) of the building's design flaws, but he can't deny that it has the comfiest chairs and benches. Explore floors 3-8 and you'll discover some wonderful hidden spaces, including the 6th floor's mathematics library which can be your own personal hideaway!

CONVOCAATION HALL - CH

Con Hall is the first and last building you'll step into at U of T - for matriculation and for convocation. You'll get to know Con Hall well during your 9AM ESP lecture (or not, depending on your attendance). This hall will make you feel as small as Ant Man, as it can seat over 1000 students. Con Hall is a great place to relax, take in a lecture, and perhaps catch up on your sleep. After first year, you won't return to Con Hall until you graduate! Well... that's assuming you make it to fourth year. As for you, precious EngScis, matriculation and convocation are your only Con Hall experiences at Skule™. Cherish them. **Protip:** did you know the mathletes competition scene in the movie Mean Girls was filmed here?

ENGINEERING ANNEH - EA

EA is a tiny lil' building just between GB and WB and connected to the Sanford Fleming Building SF through a bridge. If you ever want to print in colour, you can go to the ECF office in EA to access their fancy albeit small computer lab. This mysterious building also houses various school clubs.

GALBRAITH BUILDING - GB

GB is attached to SF and is home to the CIV common room and the CIV labs. It's a key eng building since many of our faculty's administrative offices are here - the Office of the Registrar, the First Year Office, and the Admissions Office. If you need help with ESP/Praxis or Calculus, it also houses Academic Services, such as the Math Aid Centre. There's also a few Windows ECF labs, if you're down to program your own J.A.R.V.I.S.

HAULTAIN BUILDING - HA

Famous for looking like the Arkham Asylum, HA is located in the alley between MC and MB, and is connected by a bridge to MC. It can be tricky to find since the not-so-obvious main entrance looks like a side door for MC. **Protip:** do NOT take the elevator.



MECHANICAL ENGINEERING BUILDING - MC

MC is known for having the most confusing layout (MC252 is not on the second floor?!), broken and missing seats, and absolutely no AC. The infamous second-and-a-half floor also has a magical bridge that leads to the MIE common room in MB. On the other hand, MC also has one of best engineering lecture halls with the comfiest seats for napping and left-handed desks!

LASSONDE MINING BUILDING - MB

Home of the elusive Mins (+ their common room,) MB is also where the MIE common room and Canadian Mining Hall of Fame are located. **Protip:** lockers in MB from the MIE club are only \$20 for 12 months!

ROSEBRUGH BUILDING - RS

RS used to be an electrical building, but now has many MIE classes and is known for being ridiculously difficult to find, although it's connected to MC and MB through bridges. There's also no student elevators, so brace yourselves for the stairs. A perk of RS is that it's right beside the MedSci building, which has the closest Tim Hortons and Starbucks to the Engineering buildings (wohooo caffeine!). Oh, it's pronounced ROWS-BRUH, not ROSE-BERG, by the way. Rookie mistake.

SANFORD FLEMING BUILDING - SF

As an eng student, you'll spend looooot of time in SF. Its basement, "the Pit", is the centre of Skule™ life since many events are hosted here, especially during Frosh Week and Godiva Week. In the Pit, you'll find students eating, studying, building, or drinking BEVERages, as well as the Engineering Stores, Hard Hat Café, Veda, and SUDS. Also in SF is the Engineering Society Office, Engineering Communications Room, the Bnad Room. and a FREAKING MASSIVE Linux ECF lab. With your T-Card, you can access SF all day, any day. **Protip:** the Engineering and Computer Science library has free staplers and hole punchers - they'll come in clutch more times than you could imagine.

WALLBERG BUILDING - WB

This building, no joke, is a whole block long. It's like it never ends, just like Sony's attempts at rebooting Spiderman. WB has the nicest bathrooms, the creepiest basement hallways, the MSE common room, and the Chem common room (**editor's note:** aka the raddest common room, no doubt). Most of the Chem and MSE labs are located here, and there's some secret WindowsECF labs here which you're free to use. Chances are that you'll have a tutorial in WB at some point, but if it's cold outside, which is always, you can just take the bridge between SF and the Pratt building (which is connected to WB).



Finding a space that you like is a personal journey, and something you'll definitely be changing as first year progresses. My biggest advice – go exploring! Some of the most random buildings have the best nooks and crannies for studying.

ENGINEERING AND COMPUTER SCIENCE LIBRARY

Found on the second floor of SF, many, many APS111/112 and Praxis group meetings will take place here. While it's not the quietest, there will always be fellow engineers here to help you complete that tricky assignment that's due in an hour.

BAHEN

Floors 3-8 are Bahen's mysterious floors where you will find some hidden spaces to study in peace and quiet. The 3rd floor has intimate wall cubbies with chalk boards, and the 6th floor even has a dedicated Mathematics Library which can be your own personal hideaway.



ROBARTS LIBRARY

Rumor has it this building was designed by a man who designs prisons, and it was featured as a prison in the fifth Resident Evil movie. Venture into the upper stacks of this gigantic library, get lost in the maze of books, and study until 3AM before an exam. On the bright side, there's a Starbucks on the main floor!

GERSTEIN SCIENCE INFORMATION CENTRE

This library is primarily an ArtSci library. However, it offers an incredibly peaceful, quiet environment to get work done with dedicated quiet areas and a multitude of private study rooms which can be booked online or in person.

GALBRAITH LOBBY

In this building's foyer, you'll find tables with many power outlets. This space tends to be quiet enough to work in, but also a great spot to study in groups. You'll even catch the Skule Dance Club practicing there every so often.

4TH FLOOR OF WALLBERG

Similar to Bahen, this space includes along-the-wall seating with plenty of power outlets and a quiet space that not many know of. Plus, if you're a chem or MSE, this is in the same building as your common room!



Common rooms are a thing of beauty, and if you spend enough time in one, you'll certainly make lots and friends! The common rooms are generally pretty loud, but they're the perfect place to go "study" (and instead play Smash, ping pong, or cards), or to actually glean some knowledge from the *wise* upper years.

Learn to love your discipline's common room, and you'll be well on your way to building up your own group of Avengers (or... was it the Justice League?). Honestly, they're the best place to socialize, sleep, eat, and complain about how ridiculously hard your courses are in between classes, so check 'em out!

COMMON ROOM LOCATIONS

Chemical	WB 238
Civil	GB 123
Engineering Science	BA 2128
Mineral	MB 131
Materials Science	WB 143
ECE	SF B650
MIE	MB 225A
TrackOne	SF 1106A
All Disciplines	The Pit!



TRUST ME, I'M NOT STUDYING. IN FACT, I'M DRAWING NUDES. WANNA SEE?



After looking at your timetable on ACORN, you may see that among all your courses, you have three types of classes you attend: LEC, TUT and PRA. Let's break these down:

LEC-LECTURE (50 MINUTES)

This is where course instructors (your professor or otherwise) go over course content. While they do go fairly quickly, your lecture sections are generally small – 100-150 students (the exception being in APS111/112, where your lecture section is closer to 1000) which means that it's easier to ask questions and approach the professor afterwards. Learn to take concise notes, and review the content that'll be covered in lecture for five minutes before attending! You can usually find expected content for lecture in the course syllabus.

PRA-PRACTICAL (1-3 HOURS)

This is where your learning becomes hands-on! Labs are called practicals here. Many labs have preparatory components (i.e. a "pre-lab") to be completed beforehand. Don't skip doing this, and be sure to read the course materials well in advance to avoid being surprised! The location for these may be subject to change at any time, so watch closely for course announcements.

TUT-TUTORIAL (1-2 HOURS)

Tutorials are run by teaching assistants (TAs) or, in some cases, professors. Since lectures don't go through each concept in detail, the TAs are more than happy to assist you in learning these concepts through your practice problems. There may be quizzes during tutorials for some courses.

FREE TIME

You'll have around 30 hours of classes per week, meaning that you'll also have free time to spend as you wish! This is useful for anything: take a walk around campus, play ping-pong for 3 hours, read a book, work on a problem set, eat, complain. The choice is yours. While it may be useful to work on course material during your free time, try to take a break sometimes and recharge your batteries for the next lecture.



APS100-ORIENTATION TO ENGINEERING

Taken by: CHEM, CIV, ECE, INDY, MECH, MIN, MSE, T1

Aids: Breathing exercises, willpower (to *do* the assignments)

Quote: "How was the average an F?!?!?!!" - everyone

Description: This course is meant to ease you into the world of engineering at U of T by having upper-years be TAs to help you cope with your workload and stress. You only need to pass this course to get the credit, but take full advantage of the assignments which'll come in handy in your day-to-day life... Plus, do you *really want* to be the 2T0 repeating **INTRODUCTION** to Engineering with the 2T1s?

APS110-ENG. CHEMISTRY AND MATERIALS SCIENCE

Taken by: ECE, T1

Aids: Desperate hope, bell curves

Quote: "We used to do this as a lab, but it was too dangerous." - Prof. Nogami

Description: You guys are the first students who will be taking this course: get excited! Actually, don't. If this chemistry and material science course is anything like its predecessor APS104, you'll cover what Chems, Civs, Mins, and MSEs cover in two terms in only one(!). To complicate the situation further, a number of topics have been added or removed. The weekly labs are also new, but the once-every-two-weeks lab for APS104 last year ended up being cancelled, so keep your eyes peeled!

APS105-COMPUTER FUNDAMENTALS

Taken by: ECE, T1

Aids: A computer, Netbeans, remote access to the ECF labs

Quote: "Isn't this beautiful?", "If you found last week's lab difficult, you probably won't finish this week's lab." - Baochun Li

Description: Are you an aspiring programming genius? Do you dream of working in Silicon Valley? Don't worry, this course is not a direct ticket there but it's a start! If you don't have programming experience, you'll find yourself pulling all nighters trying to understand how debugging works. If you think you've mastered coding, you'll still be pulling all nighters making the most efficient and "beautiful" code to ever exist. Remember not to copy the labs from your friends (or the programming gods), since profs have S.H.I.E.L.D. level technology to catch you!





APS106 - FUNDAMENTALS OF COMPUTER PROGRAMMING

Taken by: CHEM, CIV, INDY, MECH, MIN, MSE

Aids: Practice, practice, practice, J.A.R.V.I.S., ECF Labs, CodeBlocks

Quote: "rrrrrrrrraht" - Prof. Bussman, "Is that a phone??" - Prof. Beck, "Can you explain pointers and addresses through an analogy?" - a student to Prof. Beck

Description: So here you are, never having programmed in your life, feeling nervous about the 4 months ahead... Well don't fret because this course is designed to ease you into the world of programming! The labs start off in a straightforward fashion but quickly spiral into a fustercluck of pointing and addresses, so don't be surprised if your TA's solution doesn't fix your code... One **very** important thing to know is that THE MIDTERMS AND FINALS ARE WRITTEN BY **HAND** ON ACTUAL PULP PAPER. REMEMBER THAT. DO NOT FORGET. **PAPER**. Sidenote: in previous years C was the language of choice, but S.H.I.E.L.D. insight has confirmed that it will be changed to Python!

APS111 - ENGINEERING STRATEGIES & PRACTICES I

Taken by: CHEM, CIV, ECE, INDY, MECH, MIN, MSE, T1

Aids: Good TA, good teammates, textbook, the curve

Quote: "Does anyone want a samosa?" - Prof. McCahan, "Refer to the textbook." - TAs

Description: This course will be your first introduction to engineering design and practices. Half of you may hate it and half may love it, but if you pull your weight in this course, it will make your life easier for APS112. Lecture attendance decreases exponentially. Unlike second semester, everyone will work on the same fictional project as you learn to write engineering documents and follow design processes. Pray that you're blessed with a good team, and if you're not, you'll learn to solve conflicts. Remember that even the Avengers argued sometimes!

APS112 - ENGINEERING STRATEGIES & PRACTICES II

Taken by: CHEM, CIV, ECE, INDY, MECH, MIN, MSE, T1

Aids: Good TA and teammates, (1,3,7-Trimethylpurine-2,6-dione), prayer

Quote: N/A - "you need to attend lectures to have quotes."

Description: It's hard to predict what your experience in this course will be without clairvoyant powers, since so much depends on the team, client and TA you'll have for the entire term's design project. Most clients are supportive and affable, but some have been known to reject some teams' work entirely. Projects can range from designing a whole building to rearranging someone's garden, and your team could work better than the Fantastic Four or have more fights than the Guardians of the Galaxy. Assigned readings are necessary to get a couple marks on the tests. By the end of this course, you'll wish that you went to Xavier's School for Gifted Youngsters.



APS191 - INTRODUCTION TO ENGINEERING

Taken by: T1

Aids: The willpower to show up to class ten times

Quote: "I've narrowed it down to six." - A TrackOne student

Description: This T1-only quarter-credit course (which requires you to attend 10 out of 13 lectures to get the credit) is intended to help you choose a discipline. The speakers are genuinely passionate profs, but depending on the presentation you either have half the grade leaving the room convinced they want to do CIV, or all the determined future EEs questioning their whole life. Some students use this time to finish up those ESP assignments but they regret it when they're trying to choose their discipline the night before the deadline...

CHE112 - PHYSICAL CHEMISTRY

Taken by: CHEM, CIV, MIN, MSE

Aids: TAs, YouTube

Quote: "Oh, why isn't this working?" - Prof. Yaneff, before spending 10 minutes fixing the projector

Description: Imagine Grade 12 chemistry, but confusing. There's quite a bit of thermodynamics, so hopefully you enjoy that! The problem sets may be a bit tricky, but they're certainly something to **bond** over. **Protip:** be sure to do practice problems from the textbook since they tend to be similar to the ones on tests!

CHE113 - CONCEPTS IN CHEMICAL ENGINEERING

Taken by: CHEM

Aids: Prof. Norval's sweaters

Quote: "IT'S ALL THE SAME." - Prof. Norval

Description: This is a course just for chemical engineers! Don't know what chemical engineering is? That's what this course is meant to answer. There's a bunch of chemistry, some electricity (don't worry, you'll survive), and a LOT on flux and how it applies to the world. There's also labs where you either look all fancy watching water boil, or actually work on a **real** project using **real** tools. If you keep an open mind, this course will teach you a lot about everyday processes. And remember... it's all the same, m'kay? **Editor's note: do not take snapchats of Norval with flash. You will regret existing.**





CME185 - EARTH SYSTEMS SCIENCE

Taken by: CIV, MIN

Aids: Licking the rock (might be kryptonite), embracing the rocks, AID SHEET, KP's exam review

Quote: "Fam, that was the best 2 hours of sleep I have gotten since the last CME lecture.", "What the hell is happening right now?"

Description: This course is about uhh... nobody really knows what. Everyone calls this course "Rocks", but you'll spend more time wondering what's going on than learning about rocks. With a comfy seat and KP's soothing bedtime-story-like voice, you will not be able to keep your eyes open! Don't worry though, notes are optional! This course is all about only paying attention when the prof is telling you what you will be tested on and learning about the prof's teen rock climbing adventures.

CIV100 - MECHANICS

Taken by: CHEM, CIV, ECE, INDY, MECH, MIN, MSE, T1

Aids: Grasselli's scooter, $F_{\text{net}} = 0$, cross products on a calculator

Quote: "You can't push a rope.", "What are the 3 rules of real estate? Location! Location! Location!" - Prof. El-Diraby on moments of inertia

Description: To sum up this course in one statement: $F_{\text{net}} = 0$. Always remember that fact, because if your forces don't add up to zero, your grade will instead... Seriously though, Mechanics is considered by Professor Sinclair to be the "easy physics course for first year." Even so, make sure to *force* yourself through the work, never *yielding* and taking *moments* to relieve *stress*. *Truss* this advice: finish all your problem sets and review previous midterms before testing because you'll find that midterms generally are the same questions, but with different objects.

ECE101 - INTRO. TO ELECTRICAL AND COMPUTER ENG.

Taken by: ECE

Aids: Actually showing up, bringing your T-Card

Quote: "Put your phones away!", "stop sleeping!" - Prof. Anderson

Description: This seminar course essentially gives ECEs a look into the various fields of research and development that their degree may lead to. Each week, a new guest speaker presents their research and gives students an idea of what it is that they do. This course also just serves as a way of showing ECE students that they've chosen an epic field of study, and to get the inspired about their academics and future career goals. It's also a good place to meet people and make connections, so be sure to ask questions and take advantage of these seminars.



ECE110 - ELECTRICAL FUNDAMENTALS

Taken by: ECE, INDY, MECH, MSE, T1

Aids: Memorization, solution manual, tutorial solutions

Quote: "When numbers become imaginary, so do your grades."

Description: This course has two halves: the electromagnetism half (**very** difficult!), and the circuits half, where you get to use exponential functions and imaginary numbers to describe components. While the lectures make the most incomprehensible concepts seem straightforward, may Thor help you if you decide to start the WileyPLUS assignments the night they're due. It is not uncommon to spend several hours on one question, although tutorial solutions can help avoid that.

MAT186 - CALCULUS I

Taken by: CHEM, CIV, ECE, INDY, MECH, MIN, MSE, T1

Aids: WolframAlpha, high school knowledge, J.A.R.V.I.S., Khan Academy

Quote: "I looked over your test, added in some comments, and actually took two marks off. The markers missed some really obvious blunders! And I could have taken off more... But I stopped." - Prof. Burbulla

Description: GENERALLY speaking, this is high school review, covering a bunch of differential calculus topics (can you say limits, derivatives, optimization and curve sketching?) and a small introduction to integral calculus. While the concepts are more or less the same, don't enter this course thinking you can use your high school knowledge alone. You'll have homework assignments on this cool thing called WeBWorK, which you'll learn about at the beginning of the course. Past exams are invaluable for this course, and Khan Academy is a great resource.

MAT187 - CALCULUS II

Taken by: CHEM, CIV, ECE, INDY, MECH, MIN, MSE, T1

Aids: THE CURVE, God (or whomever you worship: it may be Bernardo himself), Bernardo's lectures

Quote: "The test really isn't very hard, I don't think it was that bad.", "The exam is of the same difficulty as the practice problems" - Bernardo

Description: STRAP IN BOYS AND GIRLS FOR THE TIME OF YOUR LIVES... Some survivors may tell you that this course will be the kryptonite of your GPA. The tests are likely to seem harder than Calculus I, but understanding the concepts in class and in homework assignments is crucial in taking Bernardo's tests. This course is meant to test your problem-solving abilities, while exposing you to brand new material (integration techniques, vector calculus, and some dynamics and electrical fundamentals).



MAT188 - LINEAR ALGEBRA

Taken by: CHEM, CIV, ECE, INDY, MECH, MIN, MSE, T1

Aids: WolframAlpha, LOTS of paper

Quote: "Wait, so T is A...?", "Wait, what..?", "What's the Big Theorem??", "Okay but how can something be in the 6th dimension?" - everyone

Description: Contrary to popular belief, MAT188 isn't really about lines.. Or even algebra. This course exposes students to matrices and their transformations. Although it's difficult to grasp all of the concepts presented in this course, the content is new and interesting, and many of the problems have simple procedures that can be easily learned.

Protip: go to tutorial! Linear Algebra is best learned through group discussions since it's so abstract. **Protip #2:** learn the Big Theorem, it's a pretty Big deal.

ME100- DYNAMICS

Taken by: ECE, INDY, MECH, T1

Aids: Coffee breaks, formula sheet, sigfigs, the ratio method

Quote: "If you forget that the bottom of a wheel is the instantaneous center of zero velocity, you will surely die." - Prof. Sinclair

Description: To sum up this course up: $F_{net} = ma$. If you thought it was hard when everything equated to zero, wait until they don't... The fact of the matter is, like most physics concepts, a lot of content in this course will make sense to you through intuition. You'll often leave lectures thinking: "Hey that's not that bad, of COURSE there's an *insert something about derivatives here*." Then the final will come along with a question that you've **definitely seen a million times before** and halfway through you'll realize that it's impossible to solve and that you're better off calculating the speed at which your GPA will drop. Thankfully you're allowed a double-sided formula sheet where you can write anything, so use the space wisely, young recruit.

ME191- INTRO, TO MECHANICAL AND INDUSTRIAL ENG.

Taken by: ECE, INDY, MECH, T1

Aids: Top Hat, LOOK A DISTRACTION

Quote: "Someone just walked out so this is the only Top Hat code that will matter" - Prof. Sullivan

Description: Sit back, relax and enjoy the hour-long presentation from the Mechanical and Industrial engineering department's professors. In order to pass, you only need to attend 9 of the 12 lectures. **Make sure to pay attention when professor Sullivan gives you the codes.** He will often state that only one of the codes will count... As useless or as boring as you may think this course is, the seminars cover a wide variety of topics and will be greatly helpful when you choose your streams during 3rd year. So pay attention once in awhile... You never know, you may realize that your discipline was a lot cooler than you knew.



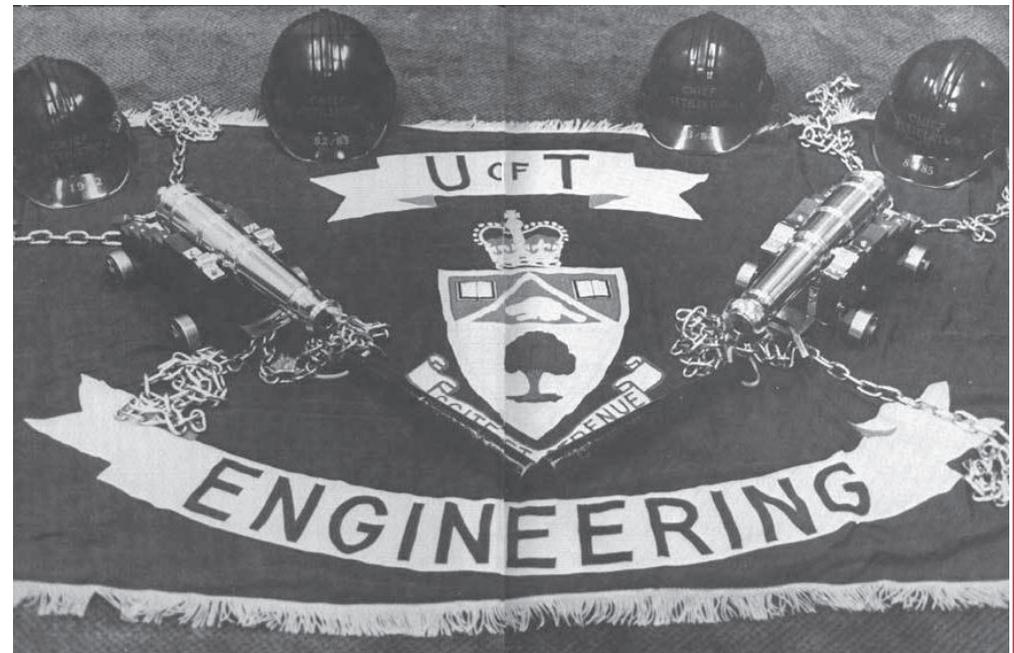
MSE101- INTRO TO MATERIALS SCIENCE

Taken by: ECE, INDY, MECH, T1

Aids: YouTube, <http://www.scottramsay.com/>, ability to check Blackboard for when your @\$!&ing lab is...

Quote: "Alright, Good morning everybody. How's everyone doing today? Good? Great? Anyone doing well? That's Great!", "Diamonds are temporary, pencils are forever" - Prof. Ramsay

Description: An intro course to materials science taught by the ever entertaining Professor Ramsay. He genuinely enjoys teaching the course and makes lectures worthwhile to attend, even if you don't like the content. He tends to skim over one or two concepts that will appear on tests, so read the textbook from time to time. There's lots of opportunities for easy marks in quizzes and labs (which are participation only!), so take advantage of them!



Skule History: This here is a thing of beauty - an original Skule™ flag, the cannon, and vintage hard hats. I hope you remember that everything pictured in this photo is more important than you, Flrosh.

Legend tells us that colour was first brought to the world when the cannon was fired for the first time. *It is known.*



ESC101 - PRAKIS I

Aids: Foster and Irish, the Library, Common Sense

Quotes: "What's Praxis?" -- everybody

Description: This is where you hone your design and communication powers and learn to create awesome stuff for your utility belt. Not only that, you get to take apart other superheroes' tools to see why they designed them that way (i.e. not "because I'm Batman."). This is also where you learn that a crotch-mounted laser on the Iron Man suit is a horrible design decision; that's where the tactical mini-missiles should go. Matter of fact, why make it mini? Supersize that crotch missile and throw in some fireworks! Now that's communicating like an engineer.

ESC103 - ENG. MATHEMATICS AND COMPUTATION

Aids: Pencil and paper, Cluett's upper body, Cluett's arrows, MATLAB.

Quotes: "I'm only gonna dance once for you" - Cluett

Description: ESC103 serves as an introduction to the math engineers use most on a daily basis, calculus be damned: vectors and matrices, aka linear algebra. That's right, you get to be just like Hawkeye and have fun with arrows. Students coming from Ontario high schools will have a slight advantage initially (a week or two), but the heat picks up pretty fast after that. [Note: tbh that's not even a good sign, y'all still getting rekt in second semester.] One you're all done with the math, you get thrown into MATLAB, where you learn how vectors are useful in real-life engineering (the same cannot be said of Hawkeye).

ESC180 - INTRO. TO COMPUTER PROGRAMMING

Aids: Piazza, Pyzo, J.A.R.V.I.S.

Quotes: "So...um...ya...hi." - Prof. Guerzhoy

Description: Any hero worth their salt knows their way around computers. Now, you might be Captain America who thinks Python is a snake or tech genius Iron Man; worry not, the course will ease you smoothly into computer science while providing awesome challenges. Python is a user-friendly, high-level programming language with relatively easy syntax, making it an easy language to pick up, leaving most of the semester to focus on functional implementation. You guys are insanely lucky to (probably) have Prof. Guerzhoy, the most dedicated professor you'll find online. He's never much further than 5 mins away on Piazza, email or Facebook. In lecture, you're almost guaranteed a laugh from his joke or him laughing at his own joke



CIV102 - STRUCTURES AND MATERIALS

Aids: Clairefontaine notebook, set square, a pen (or 20), contact cement.

Quotes: "Yes." - Prof. Collins

Description: "Is it in tension or compression?". This amazing first year course packs 3 years of civil engineering into 3.5 months (remember, you're an EngSci!). You'll learn about building bridges, designing beams, and reinforced concrete without a moment to spare. Avoid buckling under the pressure by completing all the problem sets yourself to truly understand how to approach statics problems (they start of easy and get progressively harder). You may resent Professor Collins for his slightly sassy attitude at first, but you'll grow to love him and admire what he has given you: Engineering Intuition

MAT194 - CALCULUS I

Aids: J.A.R.V.I.S.

Quotes: "For any epsilon greater than zero, there exists a..." - TAs

Description: Epsilon what? This is the first of two calculus courses you'll take in first year. The course builds from what you've learned in high school while teaching you the fundamental concepts, including the most critical: proving whether or not a limit exists. The course content includes integrals for engineers and differential equations. Weekly quizzes can be aced by doing all the assigned homework problems. Brace yourself for the final exam... it will be very challenging compared to your midterms.

PHY180 - CLASSICAL MECHANICS

Aids: Grade 12 Physics, J.A.R.V.I.S

Quotes: "F=ma" - Isaac Newton

Description: If Thor's hammer leaves his hand at 61 m/s at an angle of 31 degrees relative to the motion of Captain America's shield, how long will it take before he hits Ultron? The problems may look hard, but you don't need to be Tony Stark to figure them out. The concepts studied in this course will be very similar to those in your high school physics class. This doesn't mean you'll be able to slack - much like MAT194, the problems require a solid understanding of the concepts being studied. The labs themselves will be easy, but the write-ups and analyses can get tricky at times.



ESC102 - PRAxis II

Aids: Common sense, craft supplies, smiling at potential stakeholders

Quotes: "Have you started the PDPT yet?" -- everyone

Description: Want to know what it feels like to be an engineer? Well, Praxis II is here to throw you in the deep end before you accidentally design Ultron (don't worry, you won't; it's against at least 50 ISO standards). You probably don't know how to swim yet, but that's okay. You're an EngSci. You learn faster than Nick Fury coming back from the dead. You'll be doing front crawl in no time while finally understanding what the heck Toulmin was arguing about. To top off the course, you get to present in the Praxis Showcase, a place where you can show off your awesome design powers.

ESC190 - COMPUTER ALGORITHMS AND DATA STRUCTURES

Aids: Stack Overflow, J.A.R.V.I.S., vim/emacs/whatever text editor ya want ya little shit, Stack Overflow, Prof's notes, did I mention Stack Overflow?

Quotes: "Segmentation fault" -- your computer

Description: Did you think that debugging was difficult in Python?

Are you ready to stare at a computer screen for hours on end at your seemingly perfect code? Well, this is the course for you! You'll translate from Python to C (a lower-level programming language) in about a week, leaving the remainder of the semester for learning about segmentation faults, pointers, memory leaks, and incorrect outputs. Though at times it may seem more difficult than designing J.A.R.V.I.S.' operational matrix, the help of colleagues/T.A.s (who have Cyclops' laser vision) will get you through. Your prof will use the assignments and weekly labs to create the midterms and final... SO DO THEM!

ECE159 - FUNDAMENTALS OF ELECTRIC CIRCUITS

Aids: Math, Common sense, J.A.R.V.I.S.

Quotes: "You have an hour and a half to write this midterm and, for most of you, this will be too much time" - Li Qian

Description: ECE159 is a course that goes from 0 to 100 real quick. You'll start with the basics and (i.e. don't touch the regulator if you don't want to go subatomic), before you know it, you'll have to utilize your newfound knowledge of differential equations and complex numbers to solve circuits. When you get down to it, everything is built upon the fundamentals, so learn those if you want to avoid being electrocuted! Bi-weekly labs are easy marks and good practice, while the midterms and final will likely send you negative feedback. Have no fear - with your knowledge you may one day make your own Ultron!



MAT185 - LINEAR ALGEBRA

Aids: Course notes, lectures, time machine

Quotes: "Idk how to prove this, I'll just RREF." -- everybody

Description: Linear algebra is where you get to be like the Guardians of the Galaxy and go to spaces! Plural! Yeah it's a thing! Don't ask me how. You'll learn about concepts that may seem difficult to relate to the real world, but if you ask your prof, they'll gladly explain some applications which will make you pay attention. The lectures follow the provided notes, but you may find attending lectures more useful. Doing practice problems is also recommended, as lectures are only used to introduce definitions and concepts. On the exams, be sure to pay attention to small details and beware of true/false questions. They're all bait!

MAT195 - CALCULUS II

Aids: J.A.R.V.I.S

Quotes: "This concludes our week-long proof of why all continuous functions are Reimann integrable" - Prof. Davis.

Description: Oh you think you're done with calculus? The second instalment of Calculus is gonna more of a slog to go through than Iron Man 2. This course is slightly faster paced than the first calculus course, and the majority of it is devoted to learning just about everything. Integration methods? Yep. Sequences and series? You betcha. Little teeny-weeny arrowy-vectors? Hawkeye strikes again. This knowledge is then employed to more proofs(!). Right when you think you've covered all of calculus, you're introduced to the world of partial derivatives, which sets you up for your second year calculus courses! (we're big on sequels here) Like MAT194, there are weekly quizzes, assigned homework problems, and fairly straightforward exams (so long as you prepare).

MSE160 - MOLECULES AND MATERIALS

Aids: Lecture slides, Google, J.A.R.V.I.S.

Quotes: "Essentially." - Prof. Chan

Description: What are Quantum dots? Who was G.N. Lewis and how many times was he nominated for the Nobel prize? What defines the properties of materials at the molecular level, and how can we apply this knowledge? These are all questions we couldn't answer until completing this two-part course. The first half will cover high school chemistry, such as learning how to manipulate cool elements such as Palladium (like Tony Stark!). The second section will cover materials, which is perfect for analyzing the invincibility of Captain America's shield. This is possibly the most *essential* course for any engineer that also won't occupy too much of your time.



GPA, AVERAGES AND RANKING

Final grades for all courses are released on Acorn (formerly known as ROSI, but we needed a nuttier name). Here at U of T, grades are reported in 3 different ways: (1) as a percentage, (2) as a letter grade, and (3) as a GPA (Grade Point Average) from 0.0 to 4.0, based on your percentage grade. Your GPA is calculated by taking a weighted sum (because you can have courses worth 0.5 or 1 credit, for example) of the grade point values you have earned in your courses, divided by the number of courses considered.

The Faculty of Applied Science and Engineering doesn't use GPAs, but they are shown on your transcript because that's what grad school (and some employers) might look at. U of T Scarborough has an online GPA calculator available to students. Alternatively, Acorn will calculate your GPA for you once all of your final marks have been released. Also note – your CGPA (cumulative grade point average) is your total combined GPA for all the courses you've taken in your university career.

A sessional average is your average percentage grade for one term (or semester). Final class averages are reported as letter grades, which indicate an average within a small range of percentages. At the end of every term/semester, your unofficial ranking will be posted in the engineering portal. This will tell you where your GPA sits relative to your discipline class.

While all this information about grades may seem intimidating and a bit overwhelming, remember that your objective is to learn and understand, not to produce a number. You're all here for a reason, follow your passions and interests and you'll be golden!



If you're feeling stressed about all of this academic stuff, just join the Bnad in the Pit to listen to some *quality* music.



SUMMER SCHOOL AND T-PROGRAM

Summer school?! T-What?! These terms may seem scary, but rest assured, they are all in place to help you succeed academically, and to give you flexibility and options in your undergrad career.

CORE 8:

If your sessional average is 60% or above, awesome! You're promoted with a clean record to the next session. In other words, you passed, and can carry on to infinity and beyond! Bonus: if you have a full course load and average of 80% or above, you earn a place on the Dean's Honour List.

If you manage to get a sessional average above 60%, but have failed a course, contact the First Year Office ASAP to enroll in the repeated course. Your first year schedule will be shifted around a bit to accommodate for an extra course, but this is all part of the plan to get you back on track by the time you begin second year.

So... what if you couldn't make a 60% average? Don't worry; it happens to the best of us. If your sessional average is between 55% and 60%, you're on probation! You can get off probation once you have 1 full course load semester, with no repeated courses, and an overall average of 60% or higher.

If your sessional average is between 50% and 55%, you will be asked to repeat your lowest 3 courses in the T-Program (or "Transition Program"), in which you can retake up to 3 failed courses. You could be retaking courses from either sessions. Students who have dropped courses will also need to take T-Program courses, since you need to pass all of your first year courses to get into second year. For more detailed info, you can see any of the friendly counsellors at the First Year Office, located near the Galbraith Building lobby.

ENG SCI:

EngSci Flrosh have it a little bit differently – it's a minimum average of 55% in the fall semester of first year, and 65% in the winter semester to be clear of probation. For every semester after that, it's a 60% average like everyone else. EngScis, however, will need to transfer into one of the Core 8 programs if they receive below the required average to be promoted with a clean record.

Students transferring out of EngSci may also need to take a few additional courses to catch up. Luckily, the T-Program can also help students who transfer from EngSci into a Core 8 program.

And remember, transferring into a Core 8 discipline doesn't mean that you've failed EngSci, it simply means that you're better suited for a different discipline! Kudos to trying new things!

COMMUNITY



THE ENGINEERING SOCIETY



The University of Toronto Engineering Society, or commonly referred to as EngSoc, is the student government for all full and part-time undergraduate students in the Faculty of Applied Science and Engineering – or Skule™. It was founded in 1885 with Professor John Galbraith (after whom the Galbraith Building is named) as President, making it the oldest Engineering Society of students in all of Canada. In 1888, Herbert Haultain became the first student President and from then on EngSoc remained student-run. All full and part-time undergraduate students pay annual membership dues as part of tuition. This money is managed by EngSoc to provide services and funding, supporting clubs and teams, professional development, and extra-curricular activities, to name a few. EngSoc is also responsible for various publications, operations, websites, and more, including things such as this handbook, a non-profit textbook store, a cafeteria, newspapers, and even an undergraduate pub! The EngSoc Officers and other directors work hard to ensure that your interests and needs are fully represented to the Faculty as well as the University. As a member, you have the right to vote for these representatives and even run for positions yourself. Throughout this section, you will find messages from dedicated EngSoc officials, welcoming you to Skule™ and explaining all the amazing roles in EngSoc. Make a special note to check out page 65 for information on how YOU can get involved this year!

OUR SKULE COMMUNITY

Before its absorption into the University of Toronto as the Faculty of Applied Science and Engineering, the engineering school was called the School of Practical Science (SPS) and often referred to as the “Little Red Schoolhouse” or simply “School”. Eventually this came to be known as “Skule™”, as a deliberate misspelling (since engineers can’t spell — just take a look at the Bnad!) which was trademarked in 1984. For decades we have been known as the Skule™ community and you are now its newest members! The Engineering Society motto “Scite et Strenue” on the crest is roughly translated as “Skillfully and Strenuously” which is an apt appraisal of the manner with which you will learn engineering here at Skule™. Your years will definitely be tough at times but you will be constantly developing your skills, constantly learning, until you are finally ready to proudly bear the iron ring and represent Skule™ in the world. Welcome to Skule™ and best of luck with your first year of engineering!



FIRST YEAR CHAIR

First things first [I'm the realest], WELCOME to the most incredible community you'll ever be a part of. Welcome to a place where all-nighters are spent pulling off pranks, not just studying for midterms. Where you can be crazy and weird silly and look around only to see that others are fully accepting of who you are, or being silly with you. I could write a page of welcomes, and none of them would prepare you for what SKULE has in store... so buckle up and prepare to be swept off your feet.



This past year, I've held the position of First Year Chair in the Engineering Society. From planning Godiva Week events, the Frosh Chariot (see photo), to 1T9 Swag & Mural, and Spirit Days, I've had the most incredible journey. But now, it's your turn! And while I know that one of you is going to make an amazing First Year Chair, there's waaaaay more to Skule than this one position – so get involved in any way that you want! Make this Skule year yours.

Remember, YOFO (You Only Frosh Once).

My most important message to you all is that you are stronger for overcoming your failures than you are for succeeding flawlessly. So get out there, try new things, fail a few times and create a year of memories that you can pass onto future Skuleigans.

Sofia Tijanic, ECE1T9
First Year Chair, 1T5-1T6



PRESIDENT'S MESSAGE

Four fleeting years have passed in which I've found myself doing a lot of studying, more non-studying, and drinking a lot of coffee. I've changed from that shy, self-conscious kid who set foot on Front Campus in Frosh Week. Four years on, I've completed 3 years of engineering, a year-long work term, and I'm looking forward to the final stretch of my undergraduate degree. All of that has been at this wonderful place we call Skule™ – your engineering community and your home away from home.

My responsibilities as your President are numerous. I determine a vision, give direction to the Society, and ensure that everything is running smoothly. More importantly than that, I listen to you – your ideas, thoughts, concerns, and what you think we can do to make our community even better. I want you to know that no matter what, the Engineering Society is here to lend an ear, especially if it means helping you bring your ideas to life.

Looking back on the past four years, I wouldn't have expected to be where I am today or to do what I have done. Unlike many others you might meet, I didn't step out of my comfort zone immediately – it took me my whole first year! When I did, though, a whole world of opportunity presented itself. I found meaning outside of class and was able to apply what I was learning in a way I thought otherwise impossible. It was home.

I'm convinced that no matter who you are or where you're from there's something for you at Skule™. I encourage you to step out of your comfort zone and chase your passions. Don't know what they are? Don't worry – you have your whole life to figure them out, but you won't get far if you don't start somewhere! Go out of your way to meet people with different ideas. Try something new. Do something that absolutely terrifies you. Never settle for the status quo. Have fun.

Your classes are important and you should take them seriously, but balance is important too. What if, after your first year mechanics course, you went to help build a vehicle that runs entirely on solar power? Or organize an event for a cultural club? Or work late into the night building a prank to reveal as the sun slowly rises over campus? I promise you that your lecture notes will still be there that next morning – and you should take your studies seriously – but I also promise you that the memories you make putting your effort into something you truly believe in will remain with you for the rest of your life! This is what I've come to love so much about Skule™: you, and you alone, have the ability to determine your own adventure. I look forward to meeting all of you, purple and proud, ready to write your own Skule™ story!

Milan Maljkovic, ECE1T6+PEY
President, University of Toronto Engineering Society, 1T6 – 1T7



VICE PRESIDENT ACADEMIC

Hello, and a big welcome to all the newest members of Skule™! To some I am known as the VP GPA; however I would much prefer if you called me Sam, and didn't email me about hacking ACORN to boost your grades. (Ironically, fixing grades isn't part of the Academic EngSoc Portfolio). What you CAN email me about is more or less everything else that has to do with Academic life at U of T - class representatives, discipline clubs, student representation in curriculum decisions, and how to get involved with the many cool things we do behind the scenes in engineering academics (think course design proposals, mid course feedback, and faculty committees galore).

In all seriousness, the VP Academic is here to make sure the Faculty stays aware and up to date about EngSoc's stance on Academic Issues and Professional Development. I'm also happy to chat anytime in the EngSoc office - it's my job to listen. In addition to just the VPA, however, you've got a big team to fall back on that supports your first year at U of T; class reps, faculty council committee reps, discipline clubs, TAs, and (especially) the First Year Office are here to make your Skule™ life the best it can be. Don't be afraid to reach out if you need it; you can find out more about each role on skule.ca.

Finally, it's crucial for you guys to know that there's more to Skule™ life than school. Join a club, volunteer at a competition, be a mentor to high school students, enter a case competition; there are hundreds of ways to put yourself out there, all you have to do is give it a shot!

Embrace your powers,

Samantha Stuart, MSE 1T8

VICE PRESIDENT FINANCE

Hey Frosh! Welcome to Skule™! It is my responsibility to manage the Engineering Society budget and oversee the day-to-day financial operations of the Society. This includes providing financial support for the Clubs you will be participating in, as well as helping you attend interesting conferences and design competitions!

I'm also responsible for overseeing the commercial operations run by the Society. The Engineering Stores is where you can go to buy your whole first year set of textbooks, school supplies, and cool engineering apparel. If you need to re-energize during a study break, stop by the Hard Hat Café for some cheap snacks and well-priced lunch options. Also make sure to reach SUDS on a Friday night to unwind with your friends over cheap beer, (also serving non-alcoholic options) and mingle with upper years. All of these are located in the Sanford Fleming atrium.

If you have any questions regarding the Finances of the Engineering Society feel free to send me an email at vpfinance@skule.ca. Or drop by the Engineering Society Office (located in the basement of Sanford Fleming) to chat with me in person! The other officers and I have an open door policy, so come by with any questions or concerns you may have. Once again welcome, and I hope you have a great year!

Andrew Boetto, ECE 1T6+PEY



VICE PRESIDENT STUDENT LIFE

Hey Froshlings! Welcome to your first year of Engineering here at UofT! Most importantly, welcome to Skule™! This will be your home for the next four or five years of your university life. For your first year it's my job to make sure that you are having a great time here!

Want to be a part of a club? Don't you worry we have over 100 Engineering-run clubs that you can be a part of! I am also in charge of overseeing great initiatives like Mental Wellness, Gradball and Cannonball (Engineering Dinner Dances), SkuleKup (the battle for the best discipline), Skule™ Community Outreach and Orientation Week!

Even though I am in charge of overseeing many initiatives, my role revolves around YOU. I'm in charge of making sure that your experience here at UofT is not just purely centered around academics, there are many opportunities available outside of the classroom that help you develop skills, friendships and build networks of people, all of this comes in handy during your time here at Skule™, and I'm going to try and make sure your experience is the best it can be.

If you have any questions, concerns or just want to chat generally you can email me at vpstudentlife@skule.ca or you can just walk into the Engineering Society office and have a chat with me (I will probably be there most of the time as I have made this my new home)!

Have a great summer, enjoy your time off and remember you're about to be a part of a great community! Welcome to Skule™ and congratulations on making a great choice! See you all in September!

Raneem Shammis, Mech 1T8

VICE PRESIDENT COMMUNICATIONS

Hi!

My name is Colin and I'm the Engineering Society's Vice President Communications. It's my job to help you understand what is going on in this wild community by overseeing our awesome publications, updating critical information on our websites like skule.ca, spamming you with emails on a regular basis, and all kinds of other things -- probably too many things to include here.

You might have noticed that there is a lot to do at the University of Toronto, and you probably aren't sure where to start. That's okay. The secret is that it actually doesn't matter where you start, just that you do. Don't understand something? Ask someone to explain it! Feeling lonely in your first week? Introduce yourself to someone! And if you can't find someone who is able to explain something, or if you're having trouble making friends, don't be afraid to message me. Heck, I barely know what I'm doing myself.

Starting a conversation can be the hardest thing to do in university, but it doesn't have to be. And it can be the difference between feeling lost and having the best time of your life. All you have to do is say "hi".

Colin Parker, ECE 1T6+PEY



OMBUDSPERSON

The Ombudsperson ensures that all members of the Eng Soc (that includes you!) have a successful transition from high school and the opportunity to thrive at Skule™. Have any feedback or suggestions to improve Skule™ life? Want to submit a complaint or comment regarding the Eng Soc? Send an email to ombudsman@skule.ca. The typical duties of an Ombudsman are to investigate complaints and attempt to resolve them, usually through impartial recommendations/mediation. Effective and honest feedback is the key to improving the Eng Soc, so whether you:

- thought F!rosh week could have been awesome-er,
- think engineering labs are too crowded,
- need third-party input on an issue,
- have ideas on how to make Skule™ a more inclusive space, or
- just want to share your experience so far,

there will be many exciting ways to share your feedback throughout the year! Reach out at any time through email to learn more about upcoming events, campaigns, and censuses!

Maheyer J. Shroff

ARCHIVIST

Being part of Engineering at U of T means being part of its over century long history. In the Archives, we preserve Skule™ culture, traditions, and memory of the people who made it all possible. We do have a few superheroes of our own! However, it is important for you to know that you are all part of our history now, and we will make sure that your quests and shenanigans are remembered in songs long after your graduation.

One of our goals is to connect students to their newly found heritage. We create themed displays, historical engineering tours, and community events for everyone to enjoy. If you want to learn all about our rich and proud history starting with the establishment of the School of Practical Science in 1873, come to our events and find out about the Little Red Schoolhouse, the origins of Toike Oike and so much more. If you love history or would like to get involved with Skule™, join the Archives team! We have many opportunities to plan and organize events, keep up with additions to our collection of historical artifacts, and conduct research.

Remember, Class of 2T0, that you make Skule™ so incredible and unique. You will witness and shape our history just like many before you. Assemble, heroes, and prepare for an adventure of a lifetime!

If you have any questions or requests, please contact me at archivist@g.skule.ca. To learn more about Skule and the Archives, visit:

Facebook: [facebook.com/skulearchives/](https://www.facebook.com/skulearchives/) | History: skulepedia.ca

Photos: photos.skule.ca | Videos: [youtube.com/user/SkuleTube/](https://www.youtube.com/user/SkuleTube/)

Excelsior!

Ankita Khanda, ECE 1T9



BUSINESS MANAGER: RHONDA MEEK

As the Business Manager of the Engineering Society, Rhonda Meek manages the day-to-day operation of the EngSoc offices and ensures that they are running efficiently. She is responsible for all processing, recording, maintaining, and monthly reconciling of invoices and payments and the statistical and financial analysis of all funds under the Engineering Society umbrella. These include Engineering Stores, the Hard Hat Café, the Engineering Student Levy Fund, ordering supplies, room and AV bookings, and ensuring capital assets are well maintained. Basically, if you're ever in need of EngSoc services (e.g. projector rentals, cheque reqs, room rentals, etc.), Rhonda can help you out!

FIRST YEAR OFFICE

Dear F!rosh

Welcome to U of T Engineering!

The First Year Team is excited that you've decided to join our community of Engineering superheroes and we want you to know that we're here to help!

Our dedicated staff have a number of special superpowers. We will be happy to share them with you in your quest for academic success. In particular, our team provides academic advising, orientation and transition support, study skills programs, health and wellness counselling, review sessions and study groups, and exam preparation. Our goals are to make your transition into first year as smooth as possible, to help you with any challenges along the way, and to prepare you for success in your upper years. Located in the Galbraith Building, room 170, the First Year Office should be your first stop for any help you might need during your first year.

Please visit us early and often. We look forward to meeting you!

The First Year Team / The Fantastic Six:

Olha Fihol, First Year Coordinator

Leslie Grife, Assistant Director, First Year Academic Services

Sherry Lin, Undergraduate Student Advisor (Engineering Science)

Jennifer Fabro, First Year Advisor (Core 8 programs)

Cori Hanson, Assistant Director, First Year Student Success and Transition (TrackOne Advisor)

Micah Stickel, Chair, First Year

<http://www.firstyear.engineering.utoronto.ca/>
firstyear@ecf.utoronto.ca



Howdy, Flrosh! My name is Simo, I'm a Mech 1T8, and I'm this year's Toike Oike Editor-in-Chief!

Ever wanted to write news articles while cracking joke after joke, leaving your readers both well-informed and in stitches (figurative, of course)? Show off your mad Photoshop skillz and great sense of humour? Put those art skills to good use and draw side-splitting comics? Perhaps take things to the next level with hilarious multimedia content? Then boy oh boy, do I have some news for you!

The Toike Oike (or Toike) has been the University of Toronto's one and only (legitimate) humour newspaper since 1911. It had serious beginnings as a way for members of the Engineering Society to campaign their platforms, but at some point, little jokes squeezed themselves into the bottoms of pages. Over time, they worked their way from the margins to cover the entire newspaper, front to back.

Today, the Toike is more than just a newspaper. It's a community of talented writers and artists from across U of T dedicated to bringing laughter to the sometimes drab and dreary world of higher learning. Although its home is within Skule™, everyone is welcome to join in the fun and make a difference through humour.

Every month, we put out a themed issue like the one you received in your Flrosh Kits, although content doesn't necessarily have to relate to the theme. In the Toike, you'll have free range to experiment and develop your comedic voice, judgement-free. Seriously. You could:

- Write an article about how people who own sword replicas are definitely compensating for something.
- Photoshop Justin Trudeau's head onto a male model's body, as redundant as that would be. I love you, Justin. Let's run away together.
- Draw a political cartoon about how political cartoons about Donald Trump are beating a dead horse or about how Donald Trump beats living horses.
- Dick jokes (as long as they're tasteful (if you know what I mean)).

Members in upper years will be more than happy to help you edit that article or rasterize that graphic. If you find yourself too busy to create content, it's all good (baby baby). Ideas fuel the Toike like fuel fuels things that require fuel, so just showing up to meetings and brainstorming is a great way to contribute. Regular attendance isn't mandatory, so you can feel free to drop in whenever.

I hope to see all your hilarious articles and graphics throughout the year, and have an AWESOME Flrosh Week!

Love,
Simo "Si Monster" Pajovic
 Toike Oike Editor-in-Chief 1T6-1T7

P.S. If you have any further questions about the Toike, feel free to send me an email at toike@skule.ca!

P.P.S. Hehe, "P.P."



Hello there, young Flrosh, and welcome to the crazy, wonderful world of Skule™ (that's UofT Engineering)! As you pack up your bags and get ready to leave behind all that you know, let me introduce you to The Cannon.

What is The Cannon, you ask? We're Skule™'s official newspaper (for the students, run by students). Established in 1978, we've been poking our noses into other people's business for 38 years now. We're the Karen Page of Daredevil, the Clark Kent of Superman and the Peter Parker of Spiderman. We strive to engage the Skule™ community with current events, spark lively discussions about relevant issues, and be the voice of Skule™.

So, how can you read this fantastic newspaper? Look out for us both online at cannon.skule.ca and in print; in fact, our first print edition of the 1T6 - 1T7 year will be in your flrosh kits (sign up for Flrosh Week, it's loads of fun). You can also find us on Facebook at facebook.com/cannon.news/.

What's that you say? How can you contribute to this amazing newspaper? We're always looking for writers, editors, photographers, graphic designers, web developers, and distributors. Even if you don't have much (or any) experience, that's okay! As you'll soon find out, Skule™ (and The Cannon) is a supportive place and we all help each other out (unlike what seems to be some massive feuding between certain superheroes. (I'm looking at you, Batman, Superman, Iron Man, and yes, even you, Captain America).

If you have an idea for an article, shoot me an email at cannon@skule.ca. If you want to be a member of our Cannon family, send me an email and I'll add you to our mailing list. If you're in the know about something and want to be heard, send me emails! Basically, just send me emails.

Good luck in your first year, and remember that there's so much more to Skule than school. Get involved, join sports teams, join clubs, join design teams, join the Cannon, heck, even join the Toike (I'm kidding, the Toike's great) and enjoy your time here.

I'm looking forward to your emails!

Lu Chen, Indy 1T8
 The Cannon Editor-in-Chief 1T6 - 1T7

 **SKULEBOOK**

Skulebook? What's THAT?! I'm glad you asked!

Skulebook is the official Engineering yearbook here at the University of Toronto! Your first year is going to be busy and will pass by in a flash, but we're here to document all the fun times you're going to have. From F!rosh Week to Godiva Week, from dinner dances to Humans of Skule™, Skulebook showcases all the different aspects of what truly makes school, Skule™.

WOW! What could be better than that? With the purchase of a F!rosh Kit, you get a copy for FREE! Just remember to pick it up from the Engineering Stores at the end of the year.

But with 250 pages to fill, we're going to need your help! If you like photography, art or writing, come join our team of talented and hard-working photographers, layout and graphic designers, and copy editors. Don't have experience? That's alright, we'll teach you! Being a part of the Skulebook team provides you with the opportunity to try something new and learn some valuable skills while contributing to the Skule™ community.

See you all at F!rosh Week!

Kathy Huang, ECE1T8

Skulebook Editor 1T6-1T7

F!ROSH HANDBOOK

Hey, it's me again. The editor of, you know, the thing you're reading right now.

So, here you are, 66 pages into the F!rosh Handbook and you still have no idea what you're reading. Well, the F!rosh Handbook is supposed to act as a guide for all the incoming engineering students at U of T. Just a year ago, I remember receiving my handbook in the mail and reading it front-to-back. No pressure. But, as fun at the handbook was to read during the summer, it became even more useful during school when I could pull it out and figure out, for example, what the **heck** Godiva Week was (and why everyone kept talking about it).

If anyone out there is reading this and thinking "oh my god, this handbook sucks and this editor sucks", then I first would like to ask if you're okay (you seem pretty negative) and secondly would encourage you to apply to be next year's Handbook Editor. It's a position available to outgoing first-years only, and you'll gain the (super)power to choose the F!rosh Week theme. Plus, you'll get to pick a rad team to help you create a pretty awesome book!

If you have any questions that this handbook didn't cover (or just want to discuss superheroes), feel free to contact me at handbook@skule.ca!

Leigh McNeil-Taboika, Chem 1T9
F!rosh Handbook Editor 1T6-1T7



If you really want to know what was in Captain America's Super Serum, you should ask your friendly neighbourhood SUDS Managers.

Welcome to SUDS, where every Friday night the Sanford Fleming Atrium becomes a not so secret, 100% student operated, all-ages, undergraduate engineering pub! SUDS is a great place to relax after a week of saving galaxies, fighting robots, or turning into a giant green rage monster (read: midterms). Don't drink? No problem! We also have non-alcoholic drinks to go with our food, and upper years who are just dying to make new friends (most of them don't bite). SUDS is also the centre of all Skule™ activities where you can catch the Bnad crashin', Cannon blastin', and ???.

There are going to be a bounty of themed nights throughout the year to keep you entertained. So watch out for bat signals in the sky, along with country hoedowns, black lights, and more! Some nights are so hype we even get other universities to join in the fun! What's better than SUDS every Friday night? How about SUDS everyday! During F!rosh Week and Godiva Week SUDS will be open all week, so stop by and enjoy some fantastic BEvERages!

There's a couple of laws to keep in mind to keep the BEvERages flowing and the managers happy:

- Oh lawd, they accept cash only (we're old fashioned).
- $PV=nRT$.
- EVERYONE of all ages is welcome at SUDS.
- No outside alcohol comes in. No inside alcohol goes out.
- To drink you need a wristband, to get a wristband you need to prove you're 19. Iron rings, T-cards and Tim cards don't count.
- No pyrotechnics, Iron Man.
- No sex in the washrooms. Seriously.
- Every action has an equal and opposite reaction.

Want to work at SUDS? Come talk to one of the managers (the sober ones... yeah) or email suds@skule.ca. Come chill behind the bar, make some great friends, get involved in Skule™, beat up some villains, and make Friday nights great again. Hate the music? Want more trap city? Country? Space Jam remixes? Come up to the front and make a request! See y'all at F!rosh Week!

Carlos "Baelos" Fiel, Chem 1T8+1

Aron "The Pokemon" Sankar, Indy 1T7+PEY
SUDS Co-Managers 1T6-1T7



Hey there superF!rosh!

Who would Thor be without his hammer? Just a blonde guy in tights. Batman without his gadgets? Just a rich guy with daddy issues. Iron Man without his money? Just an engineer with a drinking problem...so I guess just an engineer. The point is, as all you superF!rosh embark on your training (F!rosh week), you're going to need to be well stocked as the school year comes around. Well have no fear, Engineering Stores are here!

As you face your most difficult enemies (whether it be calculus or 9 am classes), we are here to supply you with all your academic and extracurricular weapons and gadgets. As a student run organization, we are dedicated to creating a convenient source for all your needs around Skule™, at the lowest price possible.

Being an engineer at U of T, textbooks are something that you are going to get very familiar with during your time here. Luckily for you, with a sidekick like Engineering Stores, you won't need to go searching online/in store for your textbooks, as we supply first year textbooks at the **LOWEST PRICE AROUND!** We receive the textbook names and versions directly from the professor of each of your courses, so you can be sure that you are receiving the correct book. If you like to be extra prepared, you can even pre-order your textbooks online in advance.

Along with all your academic battle weapons, Engineering Stores offers a variety of other products and services to aid you in all your future adventures. Whether it be t-shirts, dance tickets, skulebooks, patches, hoodies or hats, Engineering Stores has got you covered.

During your battles at U of T, you definitely must be decked out in the most impenetrable, incredible and infamous supersuit. Again, we have got you covered (literally). As you become a more experienced superhero (finish first year), you will have the opportunity to purchase Engineering Coveralls and Engineering Leather Jackets (no tights and capes, sorry)! Although you have to face the battles of first year to receive these, it will only make them more rewarding to fill with patches and memories throughout your time here.

So whether you need a couple textbooks, a new wheel for your batmobile, or just to chat, feel free to come by and see your trusty sidekick, the Engineering Stores!

Robyn McNeil, MSE 1T8
Kevin Hua, EngSci 1T8

#NOCAPES!
#swagfordayz



Not sure where to go to grab a quick snack in between breaks? Wondering what place on campus offers the best deals for lunch? Looking for a convenient place to grab a refreshing drink but don't have that much change left in your pocket? Well the Hard Hat Café is the place to go!!

We are a café run for students, by students located in the basement of the Stanford Fleming building (aka da PIT). Our main goal is to provide a variety of cheap and convenient food options for all engineering students that inhabit the pit and beyond (that means you!).

We offer an array of lunch options including pizza, subs, and wraps to name a few, and drinks such as coffee, tea, Arizona, Vita Soy and SO MUCH MORE! This year, we're excited to be expanding our menu options so be sure you're the first to check out what's new at the Hard Hat Café this upcoming year!

We're also always looking to expand our menu options to include more of what the students of Skule want, so be sure to leave us your suggestions/feedback through Facebook after liking our page, or stop by and tell us in person. We'd love to hear what you'd have to say so we can keep improving!

This F!rosh week, be sure to keep an eye out for the special Rewards Card in your F!rosh kits which can be used to earn yourself some FREE PIZZA... and who doesn't love that?

We are really looking forward to meeting all the 2T0's this year and we hope you grow to love the Hard Hat Café as much as we do. Don't forget to stay up to date by liking our Facebook page to know all about our upcoming contests and special deals!

That's all for now, but be sure to stop by and visit us soon!

Amanda Albaba, Indy 1T8
Annie Yu, Mech 1T8
Hard Hat Café Co-Managers 1T6 – 1T7





Hi there person reading the Frosh handbook. This message is usually written by the director of Skule Nite, but the 1T7 director hasn't revealed themselves yet (ooo, spooky!). Still, director or not, I know you're asking what exactly Skule Nite is, so here we go:

Skule Nite is U of T Engineering's annual sketch comedy and musical revue, with 90-some years of shows and counting. Every Skule Nite is a year-long undertaking in which Engineering students create the most hilarious show. If you love to act, dance, or sing, come out and audition - you'll find it's even more fun standing on stage than watching others do it. Do you play an instrument? (The toaster unfortunately does not count) Join the Skule Nite Orchestra! If you love being behind the scenes, lighting, sound, SFX, painting, costuming, prop making, or stage crewing, they need people like you! (They've needed people creating giant sea monster heads, organizing a whole black-light underwater monster fights, or coordinating super-hero fights using EL wired light suits in the past. They do some pretty cool stuff.) If you want to get involved in any capacity, be sure to go to the club fair in September to chat with the Skule Nite reps. They'd love to see new members joining the Skule Nite family!



Awe, what a cute photo of the 1T6 Skule Nite production. Look at all the fun they're having! Join the crew this year and you'll be sure to have just as much fun or more, if that's even possible.



Welcome Super Frosh of 2T0 to your new community (and hopefully home away from home): Skule™! In the next 4 or so years your super powers will be put through rigorous tests of intellectual prowess, evil examiners, (not so physical) gauntlets of tests, and a sleep schedule so insane your new Kryptonite will be any moderately comfortable horizontal surface. But fret not! The fact that you're reading this book means that you have proven yourself capable of surviving and thriving in the academics of U of T, and we're here to help you find your place in the community as a whole.

At this point you may be wondering: "What could the Blue and Gold Committee possibly do that all these other great clubs at Skule™ can't?" Well, our good looking new friends, we see no better way to explain this than to use a superhero analogy. Think of us as Wolverine -- not because our livers have superhuman regenerative powers or because we have a shady past (which may be true), but because we like taking charge of team events and are known to disappear with a bus full of Skuligans into a small Ontarian town every once in a while. In words that aren't this awful metaphor, we're a group which helps organize social events as well as events which help you learn the practical skills of engineering while socializing with your peers. On top of these events, we're also a treasury of tools and expertise which can be used by you at any time to build personal projects, school projects, pranks, or anything else you can think of doing with an Impact Driver! Now we can almost hear you say "But...I'm a city person and have never touched power tools :(" WORRY NO MORE! Because we host a tool workshop called Tools 101 for the Frosh so you learn how to get your hands (and various other limbs) dirty.

Our biggest events include building a float in the Frosh parade (which you should totally come out to unless you want the Frosh villains to triumph) and the Pride parade, the aforementioned tools workshop for you Frosh in first semester, various social events with other (slightly less awesome, like Batman vs. Robin) schools and putting together the second best week of the year: Godiva Week! Godiva Week is like Frosh Week for the second semester, but it's for EVERYONE in Skule™! We host various talent shows, bring a bouncy castle, smash cars (literally) and do a tonne of other fun activities.

If any of the above sounds interesting to you (which we really hope it does), come out and talk to us during the week, join our mailing list at blueandgold.skule.ca, send us an email at blueandgold@g.skule.ca, follow us on Facebook, Google+ (kidding, no one uses that, not even B&G Committee) or come out to one of our events! We're really looking forward to meeting you and hope you have a great week that is the beginning of 4±2 years of an unforgettable journey!

See you all at Frosh Week!

Ozan Coskun and **Joshua Calafato**

Blue and Gold Committee Chairs 1T6-1T7



Do you love engineering? Are you not sure about that? Are you a Fe(iron)male(man) in engineering? Are you an international student? Have you been homeschooled? Or are you just an Ontario high school kid heading for Skule™? I really don't care what your answers to those questions are, you will make a great Hi-Skule mentor!

Hi-Skule is the student-run high school outreach group here at U of T engineering. Once, I was giving a presentation on engineering to some grade 11 students. I asked them what engineering meant to them and the replies mainly described a math nerd who has no life (Facebook sad reaction). So our mission at Hi-Skule is to reach out to as many grade school students as possible, break those stereotypes for them and reveal the radness of engineering! In pursuit of our mission, Hi-Skule runs PreFrosh, two amazing design competitions (University of Toronto High School Design Competition and Designapalooza) and many more mentorship events throughout the year.

As a Hi-Skule mentor you will have the opportunity to inspire some young minds and encourage them to pursue a career path in engineering. EVERY Skuligan is encouraged to become a Hi-Skule mentor! Lowkey, being a Hi-Skule mentor is the closest to being a Frosh leedur for all the times that you are wondering #isItFroshWeekYet

There are many ways one can join Hi-Skule! You can enter our mailing list by visiting us at the Skule™ clubs fair during Frosh week, or our website at hiskule.skule.ca. In case you have any questions, concerns or (dank) memes, feel free to email me at hiskule@skule.ca or message me on Facebook.

Stay in Skule™.

Mahsa Naserifar, Mech 1T9T1
Director, Hi-Skule Liaison 1T6-1T7



SKULE COMMUNITY OUTREACH



Howdy fellow superheroes! Skule™ Community Outreach (SCore) Committee aims to promote a sense of community involvement and belonging. Awareness of issues such as mental health, social justice and inequality are presented to engineering students in a fun and meaningful way. Past events have included CIBC Run for the Cure, United Way CN Tower Climb, Movember and Mental Health Awareness Week. These events are open to all years and disciplines! If you're interested in helping out with the planning committee you can contact SCOrE via e-mail!

community@g.skule.ca

UNIVERSITY OF TORONTO ENGINEERING KOMPETITON

This message in particular is brought to you by the University of Toronto Engineering Kompetition (UTEK)! We are U of T's flagship engineering competition, encompassing seven different categories from consulting to debate. UTEK provides an opportunity for students to develop their skills, meet industry professionals, and show off their creativity. The winners even get to represent the University at provincial and national competitions.

How do I take part in UTEK, you say? The first step is to go ahead and submit your name to H.Y.D.R.A... errr... I mean sign up on our mailing list on our website utek.skule.ca! Also watch out for our Frosh Mixer event right after Frosh Week! Send me a message at utek@skule.ca if you have any other questions!

Lastly, I'm going to leave you with one piece of advice. Whether you end up joining UTEK or not, getting involved is probably the most valuable thing that you can do in your first year. U of T is an incredible school with an incredible amount of opportunities. By the time Frosh comes around and ends, you have probably heard this a hundred times, but go out and get out of your comfort zone because that's how you grow the most. Did you know, for example, that we have a Quidditch team? Did you? The opportunities are boundless!

How can I get involved you say? Participate in UTEK, of course! Do a semester abroad. Go to SUDS. Join a design team. Just go get involved in something that's *not* classes!

Hope to see you all around!
UTEK Director 1T6-1T7



YOU'RE NEXT

YOU'RE NEXT CAREER NETWORK BUILDS SUPERHEROES FROM THE GROUND UP. THROUGH OUR THREE INITIATIVES, CORPORATE, STARTUP, AND STUDENT DEVELOPMENT, YOU WILL BE EQUIPPED WITH THE INSIGHT NECESSARY TO GROW YOUR COMPETITIVENESS IN THE JOB MARKET.



YOU'RE NEXT

career network

CORPORATE

WHETHER YOU WANT TO WORK FOR STARK INDUSTRIES OR PYM TECH AS AN ENGINEER TO BUILD INNOVATIVE TECHNOLOGIES, OR WANT TO JOIN SHIELD AS AN AGENT TO HELP PROTECT THE WORLD, YNCN CAN HELP MAKE YOUR DREAM COME TRUE. WE HOST TWO CAREER FAIRS AND VARIOUS OTHER NETWORKING EVENTS OVER THE YEAR TO CONNECT YOU WITH THE ORGANIZATIONS OF YOUR CHOICE. AND WHO KNOWS, YOU MIGHT EVEN LAND THE ROLE OF AN AVENGER!



STARTUP

WANT TO TAKE A BREAK FROM THE AVENGERS AND ROCK OUT WITH CHRIS PRATT AND THE GUARDIANS OF THE GALAXY, OR EVEN WRITE YOUR OWN COMIC BOOK? STARTUPS ARE A LITTLE BIT OFF THE BEATEN PATH, BUT ARE EXCITING, AGILE AND LOOKING TO HIRE AMAZING SUPERHERO RECRUITS LIKE YOU! AT YNCN STARTUP WE WORK TO CONNECT YOU WITH SOME OF THE WORLD'S LEADING STARTUPS (LIKE AT OUR STARTUP CAREER EXPO THAT HAD 89 STARTUPS LAST YEAR!), OR EVEN WITH THE RESOURCES TO START YOUR OWN.



STUDENT DEVELOPMENT

AT STUDENT DEVELOPMENT, OUR GOAL IS TO SET YOU UP TO TAKE ADVANTAGE OF THE OPPORTUNITIES THAT COME YOUR WAY, WHETHER THAT BE AN INTERNSHIP AT A BIG COMPANY, WORKING AT A START-UP, RESEARCH WITH A PROFESSOR OR EVEN JOINING THE AVENGERS. WE HOST WORKSHOPS TO HELP BUILD YOUR RESUME, INTERVIEW, AND TECHNICAL SKILLS SO THAT EMPLOYERS CAN MEET THE BEST "YOU" POSSIBLE!





SKULE KUP

In first year, I found it really hard to keep up with my friends during Frosh Week. I wanted to get involved through activities and meet people but I was afraid that my academics mixed with commitment to a club would be too overwhelming.

If you feel like this, then Skule™ Kup is something you should definitely check out. Skule™ Kup is a year-long tournament where eng disciplines take part in fun competitions against each other until one is crowned the champion. Low commitment is what makes Skule™ Kup special: you can show up to one, two or all of our events. Events happen monthly so there's always an opportunity to represent your discipline, meet new friends and destress from academics. You can bring your friends to participate in group games or come solo and meet people there. And remember, this is not an exclusive club so you can come anytime - everyone is welcome!

If you're looking for a fun way to meet other awesome people without any commitments and are interested in fun competitions, then Skule™ Kup is for you. If you're interested, check out our facebook page at [facebook.com/SkuleKup](https://www.facebook.com/SkuleKup) for the latest updates on events.

See you around!

Nikola Andrejevic, ECE 1T8
Skule™ Kup Director 1T6-1T7

ENGINEERING ATHLETICS ASSOCIATION

With all the Skule™-work you will be facing this year, staying active is super important. That's where EAA comes in. Their mission is to provide a safe, fun, and inclusive community for all engineering students.

They organize all Skule™ intramural sports teams, interdisciplinary sports leagues, and tournaments. There are teams ranging from ice hockey to soccer, from volleyball to rugby, and everything in between. Have you ever tried lacrosse? Ultimate Frisbee? Softball? Inner-tube water polo? How about co-ed sports? If you can walk, run, throw, jump, swim, or skate (or want to learn) - we need you! We've also got some cool clubs where you can experience rock climbing, skiing, and much more.

For additional information about EAA, check out their website at eaa.skule.ca. If you have any questions, feel free to reach them at president@eaa.skule.ca.



IRON DRAGONS

Who we are: We're the Engineering dragon boat team and 2015 National Champions in the University and Under-24 Divisions! We train throughout the year and race at regattas in the summer. We've got both competitive and recreational crews and are always looking for new paddlers (no experience necessary)!

Get involved! Come out to an info session in September to learn more about how you can try out for the team!

Email: dragonboat@skule.ca

Web: dragonboat.skule.ca

SKULE ARTS FESTIVAL

<p>DO YOU NEED SOME Kapow IN YOUR LIFE?</p>	<p>THEN JOIN SKULE ARTS FESTIVAL!</p> <p>CONTACT US: SAF@SKULE.CA</p>
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FLY WITH ORIGAMI, LEARN TO DREAM

Who we are: UTFOLD is dedicated to introducing and promoting the entertainment and educational values of origami both on and off campus. To provide ample opportunities for learning, we hold weekly origami workshops on campus where models of varying skill levels and themes are taught. We also serve the community at large by instructing origami to children, elderly, and others at hospitals, libraries, and events throughout the city.

Get involved! Interested in learning origami and meeting other origami enthusiasts? Get involved by attending our weekly workshops on Fridays from 5-7pm! Our First General Meeting will be held on Friday, September 16th, 2016. Also, visit our website and register to become a member (for free) at any time during the year.

Email: ut.fold@gmail.com

Web: www.utfold.com

Facebook: <https://www.facebook.com/UTFOLD/>



SKULE IMPROV SOCIETY

Who we are: Once a week we hold 2 hour drop-in sessions where you will be able to learn the basics of improv, starting from ground zero. We start off with some warm ups and drama games, and move on to some improv exercises and some short scenes. In addition, during the school year, we hold shows approximately once a month. As a part of a team, you will have the opportunity to work with more experienced improv coaches, to help you learn and practice the art of improv, and you get stage time!

Get involved! The weekly drop-in sessions are open for everyone! Stay tuned for auditions in the start of each semester, or contact any of the exec members if you happen to miss the auditions.

Email: skuleimprov@outlook.com

Web: improv.skule.ca

Facebook: <https://www.facebook.com/SkuleImprov>

SKULE ORCHESTRA

Who we are: Skule™ Orchestra is a symphonic orchestra of string, wind, and percussion instrumentalists. The orchestra is a place for students to have fun performing challenging repertoire ranging from Beethoven to Borodin, as well as popular selections from Star Trek to Sound of Music. In addition to weekly rehearsals, concerts, and Moment, the Valentine's Ball, we also host various social events and trips to local music events throughout the year. There's a lot of opportunity to meet fun people with a shared interest in music - we have members from all around the university community.

Get involved! Come out to our open rehearsal on Monday, September 12th, 7pm at 256 McCaul Street, and then sign up for auditions online at <http://skulemusic.ca/orchestra/>!

Email: orchestra@skule.ca

Web: <http://skulemusic.ca/orchestra/>

Facebook, Twitter and YouTube: skulemusic



TALES OF HARMONIA

Who we are: Tales of Harmonia is a mixed 30-voice auditioned choir that aims to not only provide talented musicians with the opportunity to pursue excellence in music within a friendly, focused environment, but alongside individuals who share the one other common bond that binds us all and unites us as one – our collective power to geek out about the various insanities of life. We are built on the following tenets, to provide all choral members with a more:

Geeky, Balanced, Technological, Diverse and All-Inclusive, and Globally and Philanthropy Minded musical experience.

For examples of songs we've done in our past, check out our Youtube channel :)

Get involved! We hold auditions during Frosh week, so keep an eye out for us in emails and at the clubs fair! If you can't sing, we also have plenty of positions for piano accompanists, orchestral backing, photographers, beatboxers, and more! Check out our website, and contact us if you're interested :)

Email: talesofharmonia@gmail.com

Web: <http://www.talesofharmonia.com>

Facebook: <https://www.facebook.com/TalesofHarmonia42>

SKULE STAGEBAND

Who we are: We provide musical entertainment at various Engineering events

Get involved! Open rehearsal on the second or third week of September

Email: stageband@g.skule.ca

Web: <http://skulemusic.ca/>

SKULE CHOIR

Who we are: We perform a wide range of choral music including contemporary classical works and world music at concerts and engineering events, in preparation for which we rehearse weekly.

Get involved! Join us at the Open Rehearsal in September, audition for us afterwards, and attend rehearsals regularly!

Email: Zhenglin Liu and Ankita Khanda at skulechoir@gmail.com

Facebook: Skule Choir



HUMAN-POWERED VEHICLES DESIGN TEAM

Who we are: Have you ever imagined you could bike faster than a car, wished you could swim as fast as Michael Phelps or dreamed that you could fly? We don't have to dream. Join us, and become a real superhero!

We are HPVDT, the most ambitious, daring, and competent design team there is. We have a legacy of taking on impossible challenges, from building the world's first human-powered flapping wing aircraft to revolutionizing the way that pedal-powered submarines are designed.

Our specialty is everything: We design innovatively, run in-depth studies, manufacture cutting-edge carbon composite parts with our own robotic tools, and machine mechanisms to the tightest tolerances. Our members can even hone unique skills as elite cyclists. In a typical year, we build at least one new land vehicle and one aircraft or watercraft. In 2016-2017, we'll be working on all three.

Get involved! Join the team! We accept new members year-round, but joining early is the best way to get involved. Just send us an email or show up to a meeting.

New members can expect challenging work on important projects. HPVDT is a club that expects serious commitment. The stuff we do is fun and exciting, but it's built on hard work and solid engineering. It can be intimidating, but that's what sets us apart; we face incredible challenges, and we don't back down!

Email: hpv@hpvdt.skule.ca
Web: hpvdt.skule.ca

MECHATRONICS DESIGN ASSOCIATION

Who we are: Design an autonomous submarine for the RoboSub competition in San Diego, California.

Get involved! Join our club throughout the year and help design PCBs, write C/C++ code, design our submarine, write grants, among other tasks.

Email: ervin.ibadula@mail.utoronto.ca
Web: uoftmda.com
Facebook, Twitter: [uoftmda](https://www.facebook.com/uoftmda)



UNIVERSITY OF TORONTO AEROSPACE TEAM

Who we are: UTAT is a student design team that designs and builds sounding rockets, small satellites, UAVs, and quadcopters! All of these projects are part of competitions, ranging from a national scale to a global scale.

Get involved! Recruitment will launch in early September at the clubs fair. Kickoff events will begin shortly after. New members are welcome throughout the year, so don't hesitate to join even if you missed the kickoffs! No experience required!

Email: president@utat.skule.ca, outreach@utat.skule.ca
Web: utat.skule.ca

UNIVERSITY OF TORONTO FORMULA SAE RACING TEAM

Who we are: The University of Toronto FSAE Racing Team is a student-run club which designs, builds and races a new Formula style racecar every year. The team is extracurricular and composed entirely of students, strengthening their academic skills in engineering design, technology, and business. The students are responsible for design, construction, tuning, finance, sponsorship, media and logistics, and overall creating a true entrepreneurial learning experience.

Get involved! Come check our shop during Frosh week in HA102 for details regarding our general meeting

Email: recruitment@fsaeutoronto.ca
Facebook: <https://www.facebook.com/uoftfsae/>

INTERNATIONAL GENETICALLY ENGINEERED MACHINE

Who we are: Each year, we work on a synthetic biology project that involves genetically engineering microorganisms. Throughout the year, we host events for generating cool ideas for our summer project, socials and a biohackathon called BioHacks. At the end of the summer, we present our project at iGEM Giant Jamboree in Boston. Our interdisciplinary team is composed of three subteams: wet lab team, computational biology team and practices&policies team. We do look at ethical issues involved with creating genetically engineered organisms like superheros!

Get involved! Frosh can join us by being a member of our club throughout the academic year, planning and enjoying our events together and most importantly applying for our fantastic summer team to compete against other universities in Boston.

Email: igem@g.skule.ca
Web: <http://igem.skule.ca/>
Facebook: [iGEMToronto](https://www.facebook.com/iGEMToronto)



SPARK DESIGN CLUB

Who we are: The Spark Design Club builds interactive electromechanical displays around campus! Spark has built human-powered car racing games, a huge soundboard, a human-sized Super Mario Bros level, a Jansen Walker, an array of proximity-sensitive LEDs, a giant foot piano, and much more! We aim to make the Skule environment a little more engaging and fun. We host drop-in workshops throughout the year, in which all interested students are invited to come out and help build our displays. At these workshops, you'll learn hands-on engineering skills (power tools, soldering, etc.) and then immediately get a chance to apply those skills to one of our projects.

Get involved! Come out to our F!rosh week event on Monday night! Sign up for our mailing list (on our website) to hear about our events and workshops.

Email: spark@skule.ca

Web: spark.skule.ca

Facebook: Spark Design Club

STUDENTS FIGHTING CANCER

Who we are: The University of Toronto's Students Fighting Cancer (SFC) club aims to create a borderless front against cancer by raising awareness. SFC takes advantage of the modern-day technology and the diverse academic community in Canada. Our initiatives include hosting academic seminars and panel discussions run by professionals. The seminars provide insight into the cutting edge research in the field of cancer and highlight opportunities for F!rosh to contribute. Our fund raising events each year are open to students from all U of T faculties. We have a lot planned for this year - like socials and movie nights - so make sure you don't miss out. Our goal is not only to raise money but to also offer cancer patients a helping hand. Last year, SFC hosted a swab event to find stem cells for a Canadian veteran who was diagnosed with leukaemia.

Get involved! F!rosh can get involved by various ways, throughout the year. Stay tuned for our upcoming events through our facebook page.

Email: golsa.shafa@mail.utoronto.ca

Facebook: <https://www.facebook.com/UofTSFC/?fref=ts>



ENGINEERS WITHOUT BORDERS

Who we are: In a world ripe with social injustice - exacerbated by mind-boggling constraints, unfamiliar stakeholders, and no clear solutions - we, the Engineers Without Borders, emerge as unsung heroes. Choosing hard hats over capes (i.e. liabilities at best), our mission is to create and inspire systemic change to stimulate global development. Vigilantes-in-training are groomed with the fundamental knowledge that they will need to take ownership of self-started or recurring chapter initiatives in a positive and collaborative space. Undertakings are not based solely within Canada and may take qualified vigilantes overseas.

Get involved! Anytime. Reach out to our chapter at the listed contact information, and we'll work together to figure out where you fit in our organization.

Email, Phone: utoronto@ewb.ca, (647) 862-8176

Web: <http://utoronto.ewb.ca/>

Facebook group & page: EWBUofT

MULTIDISCIPLINARY ANALYTICAL KINESTHETIC EDUCATION

Who we are: MAKE aims to apply scientific concepts from the first year engineering curriculum to a practical product for you to take home! We hold sessions covering multiple engineering courses and extend these topics to real world applications. We also focus on the design aspect of engineering, an important skill under-emphasized in a classroom setting.

Get involved! First years can attend any or all of the events spread throughout the year as this club aims to be as flexible and concise as possible. The first meeting starts just a bit after F!rosh week but keep up to date on our website, Facebook, mailing list, or universal psionic network for all the details!

Email: uoftmake@gmail.com

Web: make.skule.ca

NSIGHT MENTORSHIP PROGRAM

Who we are: NSight aims to assist first and second year students enrolled in EngSci. In particular, we seek to create a welcoming community and support system for F!rosh, thereby easing their transition from high school to university.

Get involved! Sign up/ message us on our Facebook group - Nsight Mentorship. Look out for email announcements towards the end of the summer. You can also sign up during F!rosh week.

Email: nsight.mentors@gmail.com

Facebook: NSightMentorship



GALBRAITH SOCIETY

Who we are: Galbraith Society is focused on improving the academic experience of student engineers enrolled at UoFT by providing opportunities for highly motivated students to gain exposure to their fields of interest through workshops, mentorship programs, and events that appeal to their passion for engineering and research.

Get involved! Come talk to us during UnERD showcase! Join us for our second journal launch in September... more details to follow :)

Email: gsociety.uoft@gmail.com

Facebook: Galbraith Society

UNIVERSITY OF TORONTO ASSOCIATION OF CHINESE ENGINEERS

Who we are: The University of Toronto Association of Chinese Engineers (UTACE) is a student-run, non-profit organization dedicated to promoting Chinese culture, as well as fostering friendship and communication between its members. As the unique Chinese culture club among the engineering faculty, UTACE is a newly formed club merged from two original cultural club, Chinese Engineering Students' Association (CESA) and Engineering Chinese Club (ECC) in 2016 summer, with 30 executives and around 600 active members annually from CESA and ECC in the past.

Get involved! General membership can be obtained during club day and ACE Flrosh Orientation event. Students are able to get involved through all UTACE events around the year and through our social media and email. Recruitment will generally start around the beginning of the new semesters.

Email: claire.gao@mail.utoronto.ca

TRACKONE MENTORSHIP

Who we are: TrackOne Mentorship is essentially the TrackOne discipline club. Our ultimate aim is to be of help to those who are willing to stay a TrackOne for the rest of their lives to finally and hopefully choose their engineering discipline #askMeLater Join our movie nights, socials and mentorship programs if you are a confused TrackOne (or even if you are not in TrackOne but want free food). YES, we will feed you. Often.

Get involved! You can get involved by becoming a mentee. As a mentee you will be paired up with two nice upper year mentors who have once been in your shoes wishing there was a TrackTwo. During Flrosh week discipline dinners we will be handing out mentee sign up forms. In case you miss that, shoot us an email or talk to one of the directors (Mahsa, Sahan, Alex and Nibras).

Email: trackone.mentorship@skule.ca

Facebook: <https://www.facebook.com/TrackoneMentorship/>



MATERIALS INDUSTRY CLUB

Who we are: We create a channel that assists the fellow mutants to harvest their superpowers throughout their journey in the M-Mansion school system. We seek to connect mutants who have recently discovered their mutant superpowers to the successful first class of mutants.

Get involved! The M-mansion is depicted as the Industry Club's private estate, an executive team of mutants that are always ready to address your concerns. The Flrosh recognized for their abilities are always welcome to sign up and contact the Materials Industry Club. They can get involved as early as they'd like. There will be a club booth available within the first week, followed by Information Session with food provided. Be sure to get added onto the mailing list! MIC will hold training sessions, lecture series and plant tours to meet our objective.

Email: mseic@ecf.utoronto.ca

Facebook: <https://www.facebook.com/eic.uoft/>

CANADIAN SOCIETY FOR CHEMICAL ENGINEERING

Who we are: The CSCChE is a not-for-profit, technical association that unites chemical engineering professionals who work in industry, academia, and the government. We organize a wide diversity of events and programs to help prepare chemical engineering students, such as our Chemical Engineering Sector Information Night. Additionally, our chapter a first year and alumni mentorship program to help students transition into industry. The CSCChE also runs an online PEY database that collects first-hand feedback and advice on the various PEY opportunities chemical engineering students have had.

Get involved! CSCChE takes on two first year representatives through in-class elections in early September. All first year chemical engineering students are encouraged to participate in the first year mentorship program.

Email: csche@skule.ca

Web: <http://csche.chem-eng.utoronto.ca/>

Facebook: [CanadianSocietyForChemicalEngineeringUoFT](https://www.facebook.com/CanadianSocietyForChemicalEngineeringUoFT)

CHEM CLUB

Hey, ChemE F!rosh! Welcome to U of T, and more importantly, welcome to our Chemmunity. Chem Club is your official discipline club, and as such we aim to make your undergraduate experience extraordinary. Chem Club provides numerous academic and social services throughout the school year, and some of the notable events we organize include: the fall BBQ(s), which feature our famous Wallburgers; book exchanges (aka "Smokers"), because everyone loves cheap textbooks and free food; the annual (and fabulous) ChemE Dinner Dance; and our Winter (Charity) Talent Show, alongside many more! Additionally, we have a robust athletics program featuring basketball, soccer, ping-pong & foosball tourneys alongside a stellar reading week ski trip. On the academic side, we hook you up with course packs to make your studying a bit more easy & breezy while also providing curriculum feedback mechanisms and collecting course evaluations to ensure frequent improvement to the quality of learning in your courses. Come chill with your fellow chemmies (including upper years) in the Chem Common Room (WB 238)! We have vending machines, ping-pong & foosball, videogames, boardgames, and - most importantly - good company.

We run elections for 1st Year Representative and Council Secretary in the Fall (about one month into the first semester). However, we always welcome enthusiastic volunteers to help run events and keep an open-door policy for most team meetings!

Contact: chemclub@g.skule.ca | chem.skule.ca

ECE CLUB

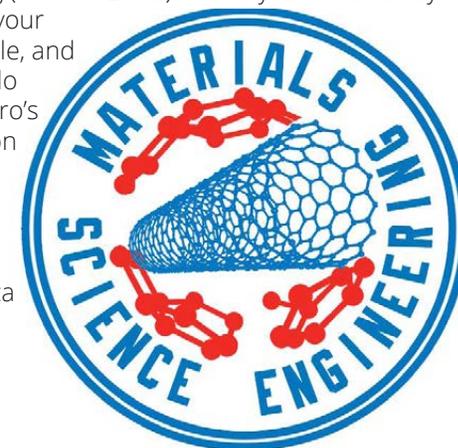
Hey there 2T0s (wow that's gonna take some getting used to)! We're so thrilled you decided to take the time to read our little blurb in this handbook! ECE Club represents the electrical and computer engineering student body to the faculty! We do our best to represent your concerns and suggestions in order to make changes to curriculum and events. Additionally, we run a ton of events throughout the school (and especially Skule™) year that are fantastic de-stressors from class! Lastly, be sure to sign up as a "mentee" in our newly founded Mentorship program! If you're worried about getting adjusted to university life, want to meet some new people and upper years, or simply need a break from school, check out the events! That's all for now; have a great summer and we'll see you during F!rosh Week!!!

Contact: www.ece.skule.ca | SF B560
ececlub@skule.ca

**MSE CLUB**

Welcome new first year MSEs and congratulations on joining the Agents of S.K.U.L.E. Being accepted into Materials Science & Engineering means you are a student of exceptional quality and the MSE Club is here to serve you, the MSE student body. Our ultimate goal is to better your experience while you are attending the University of Toronto. To do this, we run various academic, athletic, and social events over the course of the year catered to our unique students' interests. We do hope to see you at our annual BBQ, book exchange, Dinner Dance, Coffee House, and whatever else we are bound by duty to do. These are some of the best ways to meet other MSE students and become part of our tight knit community. If you ever find yourself with some downtime, make your way to the MSE common room located in the Wallberg Building (room WB143). Inside you'll find comfy couches, a fridge and microwave for your lunches, a ping pong and foosball table, and a flat screen equipped with a Nintendo Wii! All the amenities needed for a hero's hideout. You will also find the common room is often full of older students willing to chat or answer your questions.

Contact: mse@skule.ca | mse.skule.ca

**MIN CLUB**

Hey F!rosh! Welcome to Skule™ and Engineering at U of T! We are Min Club. If you want a discipline where you know everyone, everyone knows you, and you get to blow things up, Min is for you! We are a tight community that works hard, has FIFA tournaments, and mucks late-night Chinese food together.

How do you get involved with Min Club?

Come visit us in the Min common room (MB 1st Floor) and ask questions or dare to challenge us to N64/FIFA. We have one of the top intramural soccer teams and lots of people on the Skule Rugby team. We also have the nicest swag in the school as we are literally gold diggers. Every year, we also have an outrageous MinDin that will guaranteed be a wild night! To keep up with events, visit the Facebook page "**Min Club**" or email **uoftminclub@gmail.com**. Even better, stop by the common room & introduce yourself!

We hope you have a great F!rosh week and look forward to meeting you!

 **CIV CLUB**

Welcome CIV 2T0s to Civil Engineering! The Civil Engineering Discipline Club – CIV Club, is here to guide you through your orientation and integration into the CIV family. CIV Club organizes many social, academic, and networking related events for all Civil Engineering undergraduate students throughout the year. Our common room, home to study space, comfy couches, foosball, cheap snacks, and friendly upper years, is located on the first floor of the Galbraith building in GB 123. Drop by anytime!

We've also created a First Year Civil Mentorship Program specifically for you! Frosh will have the opportunity to be paired with upper year Civil students who are here to help you get oriented with life at UofT, provide friendship and support, show you all the best places to eat and socialize around campus, and help you get involved. Watch for mentorship sign up in August and during Frosh Week. Don't forget to join the University of Toronto Civil Engineering 2T0 facebook page where you can meet and get to know your fellow classmates before the year even begins!

For upcoming CIV events check us out at [facebook.com/civclub](https://www.facebook.com/civclub) or on Twitter/Instagram [@civclub](https://www.instagram.com/civclub)!

Welcome to Skule™!

Contact: civ.skule.ca



**CIV
CLUB**

INDY CLUB

Indy Club is a student organization, committed to fill your time with exciting social events and unique academic and professional opportunities. Highly recommended for Frosh is the "Meet Your Discipline Club" event during Frosh Week, where you will get to meet your fellow Indys and your Indy Club Exec. Also during Frosh Week, you will be given the opportunity to run for 1st Year Class Rep, an executive position on Indy Club. If this isn't for you, there are still a number of ways to be involved with Indy Club throughout the year, such as attending or volunteering with events, becoming a mentee, or running for a different executive position next year.

Make sure to check out the MIE common room and if you have any questions feel free to knock on the MIE club office door!

Contact: indy@skule.ca

MECH CLUB 

Welcome Frosh to the next level of your superhero abilities as you gear up to the next phase of learning to sharpen your minds and strengthen your spirits! So you don't have to journey alone, Mech Club is here to help you have an enjoyable and uplifting time! We are a group run by students for the students (you!), and our goal is to ensure your academic and social needs are met and exceeded during your entire program.

Mech Club provides you a channel of communication to voice any concerns about any aspects of your courses directly to the Department and Faculty so they can address and improve your academic experience. We also host multiple events throughout the year for you to connect with upper year students, jump starting your university experience. Additionally, we'll relieve your stress through our (very popular) Dinner Dance, themed-social parties in the MIE Common Room, and the Coffee House where you can witness the hidden talents of your peers! Swing by the Club Office to chill with us or pick up some Super Mech merch. Welcome to your new home!

Contact: mechclub@skule.ca

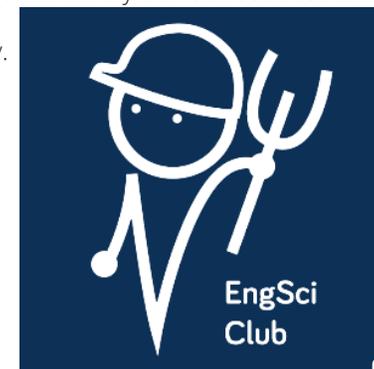
ENGSCI CLUB

Welcome to EngSci, 2T0s! We are Engineering Science Club, here to represent and support you throughout your EngSci journey. We know that you've heard lots of scary rumours about EngSci, and truthfully, EngSci life isn't an easy one. However, it is nowhere near impossible. With clear goals, passion, perseverance, and drive, we can guarantee that you'll finish EngSci with flying colours.

While you're with us, we strongly urge you to get to know the community and get involved with it. EngSci community is a tight-knit community full of bright minded people (like you!), and you'll be able to find friends to study, play, work, and procrastinate together. Also, do keep in mind that academics, although very important, aren't everything! Take time to get involved with extracurricular activities, events, and opportunities available at U of T to make your next few years the best years of your life.

Every EngSci is a member of EngSci Club, and we will try our utmost best to provide for your needs and bring you events to assist you throughout your EngSci journey. Come by our office in the common room to say hi! Once again, welcome to EngSci; we can't wait to have you join us.

Contact: engsci.skule.ca | engsci@skule.ca



STUDENT LIFE



RENTING

How Do I RENT?!



Wow, look at you Flrosh, going solo and living on your own! Many of your friends will live in residence where they'll have a meal plan and sleep in the company of their roommate(s). Many others will be commuters spread across the GTA. You, my friend, are a trooper; you'll choose to cook your own meals, sleep alone and take on numerous other challenges because you're a tough, fearless hero. Let's get started on finding you a great hideout from your crime-fighting.

The first step to finding a place is... looking! You'll want to start looking for a place in July if you're hoping to move in for September. Try looking online at the Craigslist, Kijiji, PadMapper, and U of T's Housing Services website. Look for backup places too because Toronto apartments rent quickly. And, once you're in contact with the landlord, your first priority is to schedule a time to view the place. It is INCREDIBLY important that you step foot into the place before you rent it! It might also be nice to meet the current tenants to learn about their experiences living there.

It's easy to find a livable room for yourself near campus for about \$650/month if you're diligent and don't mind having housemates. Spend a little more money and you'll find yourself in apartment-style houses that are a bit more spacious. Go further than that (\$1000+) and you can probably rent your own sweet condo. Basement apartments, however, are dirt cheap in comparison to above-ground lodging so if you don't mind bunker-style living, this can be a comfortable and affordable option!

TIPS FROM NICK FURY

- Some deals are too good to be true. Always keep a watchful eye for fraud.
- Before signing, read through your contract very thoroughly. Know what your landlord allows and disallows, such as hanging posters or having pets.
- Manage your money!!!
- Make grocery shopping a regular habit – try doing weekend shopping with a friend! Find local stores to get cheap produce and meat. Lucky Moose Mart and Metro are affordable for food while Rexall is great for snacks and meds. The LCBO will cover all your nightly needs...
- A fast and reliable rice cooker can cook 80% of your food! Pasta, noodles, rice, meat, veggies, steamed foods, you name it! They'll all taste great from that little electric pot.
- DO YOUR DISHES AND YOUR LAUNDRY.
- Keep in touch with friends by mingling with them at your place or their res!
- If you plan on staying at the same place after first year, you can absolutely extend your contract. You might need to sublease the apartment for the summer, so look for subletters early (i.e. March).



Moving into residence for the first time is an incredibly eye opening experience, where you'll get a true taste of freedom for the first time. No curfews, no bedtimes, no eating restrictions (provided that the cafeteria is open), and absolutely no chores! That is not to say you should neglect all responsibilities; res will be your ticket into the adult world, where your success depends on the effort you dedicate towards helping yourself and others. Once you've made yourself comfortable in your new home, make it a priority to get involved in your community - make new friends, get to know the surrounding amenities, study hard, and (of course) have fun! Your university experience can be the best years of your life, but only if you put in the effort! Regardless of what residence you're at, the following section will give you a number of tips and tricks to making the most of your first year in res!

NEW COLLEGE

Despite being anything but "new" (52 years old), New College is home to an all-you-can-eat cafeteria, a bunch of kinesiology majors, varsity athletes, and engineering kin. It is located on the west side of campus, steps away from the Athletic Centre. 45 Willcocks is where the Engineering floors are; whereas the Wetmore and Wilson buildings primarily house students from other faculties. Featuring both co-ed and single sex bathrooms, as well as two common areas on each floor that include seating, a television, a stove, a fridge, and a microwave, it is easy to get comfortable and make New College a true (new) home away from home. Make sure you take advantage of the house socials for food and a nice break from studying!

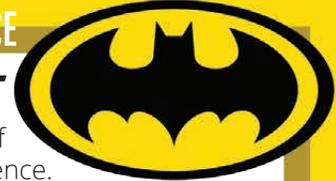
INNIS COLLEGE

Nestled at the north end of campus, Innis offers a unique suite-style residence experience. Frosh brave enough to do their own cooking and cleaning get their own single room abutting onto a common living area shared with 4 other students, complete with a full kitchen and two bathrooms. Add in comfy common rooms with plasma TVs, a pool table, ping-pong, a music room, a small gym, and study rooms on every floor, and you'll never want to leave the building! On the off-chance that you venture out Innis, you'll find it's located right next to Varsity Stadium, the new Goldring Sports center, and across the road from Roberts Library (and their cafeteria!). Innis' community is legendary - get involved by attending and hosting house events, and participate in the annual residence-wide game of assassin!

CHESTNUT RESIDENCE

Located in the heart of downtown, the 28-floor Chestnut is home to a lot of first year engineering kids. Chestnut has (arguably) the best food in residences and it's one of very few residences that has a bathroom in each suite. The elevators can be a hassle especially in the morning so you gotta get up early if you want to avoid elevator rush hour. There's also a weekly cleaning service for you lazybones but don't count on it too much since it's kinda half-assed. Chestnut offers double and single rooms but all the first years are offered double rooms so you'll be living with a roommate. **Protip:** Don't eat that sketchy looking curry bowl from the cafeteria.

RESIDENCE CHECKLIST

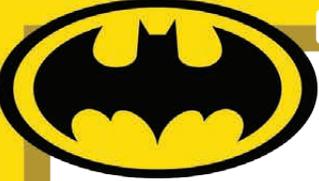


In addition to clothes, there is a whole bunch of stuff that silly Frosh tend to forget to bring to their residence. So here's a list of the basic stuff that you need to bring with you:

- SHEETS/PILLOWS/TOWELS** - Some residences do give you sheets and pillows, but you don't know what they have been through, so bring your own. **Protip:** bring two of each so you'll always have a clean set!
- DETERGENT/BATHROOM SUPPLIES** - You can always buy these at a supermarket but bring enough for the first couple of weeks until you know your way around.
- NONPERISHABLE SNACKS** - When it's 1 AM and every single store around you is closed those dried fruits that your mom insisted you pack will be a lifesaver.
- VARIOUS STORAGE CONTAINERS** - For school supplies, clothing, and your action figure collection. You'll thank yourself when you're looking for your spare tesseract.
- POSTERS/FRAMED PICTURES** - Are the walls of college dorm rooms in cheesy college movies blank? Exactly.
- CHARGERS/USB CABLES** - Bring a couple of extra cables in case you lose yours. Plus there's always going to be someone on your res floor looking for a charger!
- DESK LAMP** - For those late night studying sessions.
- BOWL/PLATE/CUTLERY** - These will come handy for the times that you order food from outside or have people over.
- MINI FRIDGE** - How else are you going to store fruits and BEVERages?
- TV/CONSOLE** - Pro: Your friends are going to love this. Con: Your friends are going to love this.
- HOBBY STUFF** - Whether it's a football or a Nintendo 3DS, be sure to bring it with you, chances are you'll meet someone else with the same hobby.
- HEADPHONES/EAR PLUGS** - For those noisy neighbors.

SUPER TIPS FROM SUPERMAN

- **MEAL PLAN:** Some residences allow you to change your meal plan a few weeks into the start of the year. Get to know your schedule and habits and adjust accordingly.
- **TIME MANAGEMENT:** Try to treat school as a 9-5 job! Even though you're more independent now, go to school every single day (unless you're sick!)
- **MAKING FRIENDS:** Don't be afraid to introduce yourself to EVERYONE. People generally don't bite...not at first anyways.
- **ROOMMATE ETIQUETTE:** Don't be an ass, be considerate and don't forget being passive aggressive never works. You don't get to choose your roommate, and you're stuck with them for the year. If your don doesn't already organize this, try to take 15 minutes to discuss things like noise level and cleanliness at the beginning of the year.



It might not be a Quinjet, but riding the bus to Skule™ is pretty cool anyway! Why, you ask?

- 1) The amount of money you save might be enough to build the Iron Man suit
- 2) Access to home-cooked meals! (Or at least a large kitchen to cook said meals in)
- 3) Getting to see your family (and pets) every day!
- 4) Your bus schedule may make you show up to a lecture an hour early and you'll feel like the coolest/loneliest person on earth
- 5) You'll have more excuses to buy coffee!

If you're commuting, you're probably going to run into these systems:

TTC

The fastest and cheapest way to get around Toronto. The TTC is comprised of subways, streetcars and regular buses. You can buy a Metro-pass that'll allow you as many TTC rides as your heart desires for \$112 per month, plus the \$7 student ID card they make you buy (has to be renewed yearly) If you're using the subway to get to campus, Queen's Park is the closest stop to the engineering buildings.

GO TRANSIT

The GO system reaches way outside Toronto, extending into the GTA. It's comprised of trains and buses. It's a little more costly, but also slightly more luxurious than the TTC. If you're travelling into Vaughan, Oakville or Brampton for example, a GO train may end up being your best friend. You use a shiny PRESTO (<https://www.prestocard.ca>) card to ride GO vehicles. GO trains and buses will end up at Union Station, at which point you can take the TTC up to Queen's Park or walk (~30 minutes).

YRT- VIVA - MiWay - ZOOM - ETC.

The city you're commuting from likely has its own transportation system, that, in some cases, can get you close to subway or train stations (so you connect to the TTC or GO system at that point)

UTM BUS

If you live close to the U of T Mississauga campus, you can take a shuttle bus between there and Skule™. Rides are \$6 with a \$550 semester pass.



Without further ado however, here are some bangin' commuter tips not even JARVIS could give you:

- 1) **Do your research.** This seems stupid, but don't just rely on Google Maps telling you where to go. Learn the streets and general area around campus and around your house, and over time you'll figure out faster routes (and feel good about yourself)
- 2) **Pack a solid lunch/dinner and include things that'll give you energy during the day.** Fruits are key. You're also gonna want a sandwich or two when that CIV100 tutorial finishes.
- 3) You're gonna do this anyway, but **make friends on res**, for that late night crashing. I hear Chestnut Breakfast is great...
- 4) **Arrive at your stop 5-10 minutes before the departure time** (whether you're traveling on a train, bus or jet) Subways arrive every few minutes, so don't try to rush to catch one.
- 5) **In the morning**, wake up at the time you need to, and stick to it. Same with the time you go to bed. Our bodies love routine. Yes, getting up at 6AM will suck for the first month or so. But once you get used to it, you'll be on top of the world.
- 6) **Lots of classes have lecture captures available.** Download them, and play 'em back during your commute (if you're into watching videos on the bus)
- 7) **(Try to) avoid rush hour on public transit**, which is around 7:40-9:30 in the mornings and 4:30-6:30 in the evenings. Sometimes being on a more packed bus is more tiring than getting up early, so don't be afraid to catch an earlier bus, if possible.
- 8) **There's lots to do on the bus!** Catch up on readings. Sleep. Listen to music. Read a book. Sleep. Plan out your week. Did I mention sleep? Take the first month of Skule™ and experiment with things to do on your commute – time spent commuting doesn't have to go to waste.
- 9) If you can, **get the Transit app on your mobile device.** It's a little simpler than using Google Maps and lists all the bus stops near you.
- 10) Since you're commuting, you may have a little less time available to you. **Be proactive** and use an agenda/calendar/JARVIS to organize your time so you make the most of it.

Don't be afraid to join Skule™ clubs/events, by the way! You can always change what clubs you're a part of down the road if it gets overwhelming. And if you're ever afraid of not making friends because you're commuting – don't be. Skule is tighter than that. Enjoy the commute!

ACCESSIBILITY SERVICES

U of T is a top intelligence agency post-secondary institution, and as it progresses, accessibility services have become increasingly important to represent cultural, physical, and academic minorities. If you, in any way, think this may apply to you, you should definitely drop by and chat with your guidance counsellor! Trust me, even if you're not certain that you are eligible to receive Accessibility Services, it's worth getting the proper academic accommodations to excel in your first year at Skule™.

Take a gander at the following list, and if you identify with one or more of the categories below, you're encouraged to register with Accessibility Services.

- Autism Spectrum Disorder
- Low Vision/Legally Blind
- Attention Deficit Hyperactivity
- Chronic Health
- Deaf and Hard of Hearing
- Learning Disability
- Mobility and Functionality
- Temporary Injuries
- Brain Injury and Concussions
- Mental Health

Some of the services that Accessibility Services offers include:

- Alternative testing
- Examination arrangements
- Authorization of test & exam accommodation coordinated by Test and Exam Services
- Note-taking services
- Sign language interpreters
- Adaptive equipment & assisted devices
- Alternative format for printed materials
- Information & resource materials on health conditions & disability related issues
- Liaison with academic & units within U of T & with off-campus agencies

Note: Accessibility Services has yet to extract Batman's chiropractor from Bane's Pit. Trust me, they're working on it.

To register for any of these services, simply submit a Registration Package to the Accessibility Services Office at 455 Spadina Avenue, 4th floor, Suite 400. Don't hesitate to visit www.accessibility.utoronto.ca for more info!



HEALTH & WELLNESS

Screw the Freshman 15! And screw the false preconception that you, as a university student, are expected to live on a diet of instant ramen noodles and coffee (two sugars, please). Instead, let's just consider that:

- 1) You'll function better (physically and mentally) on a **well-rounded diet**. This means eating a variety of fruits, vegetables, proteins, complex carbs, etc. Some students forget that this also means enjoying a well-deserved post-exam donut and BEVERage as well. Moderation, yo.
- 2) **Regular exercise** (even if it's just walking the long way home) will **no doubt** make you feel that much better later on. You will feel much more mentally sharp, and there's truly no better form of procrastination than hitting the gym.

Now, young Froshlings, you may be wondering why Page 97 of your handbook has suddenly gotten so serious about this "health & wellness" thing. That's because this is a serious thing! Here's some general semi-helpful advice you've probably heard a thousand times, which has been improved upon by yours truly (shoutout to all my fans!).

- **Keep those fast-food/foodtruck outings to a minimum.** It's much nicer to enjoy deep fried goodies when they're an exception to a healthy diet.
- SUDs and other dank locales are great to enjoy a BEVERage. Blah blah blah, **don't drink too much too often.**
- OH MY GOD **don't skip lunch!** Eat in lectures/tutorials/labs (*shhh*) if you're hungry. Even the Avengers took time to enjoy shawarma. Think about it.
- **Hit the gym.** Or the pool. Or front campus for a game of Ultimate. As a student, they're all free to access. Plus, all the cool kids are doing it.
- **Do NOT hesitate to take a PhD** (personal health day) to stay home and take care of yourself, whether you're totally burnt out or have the flu.
- **Don't forget about your mental health.** Your health comes over everything. Yes, even Skule™.

But hey, don't stress too much about it. You're gonna rock it!

PS: CAPS (Counselling And Psychological Services) is a rad place to get counselling from mental health professionals. Their services are tailored for university students, and they're there to help you! Find them online at <http://caps.utoronto.ca/main.htm>, or make an appointment in person at their office or via telephone at **(416) 978-8070**.



Whoa... that's so funny that the previous page is all about health & wellness and this page is about athletic facilities. Don't you think? Because, you know, people say you should be active to be healthy? Right? Funny? Hah... The following facilities are completely free for you to access with your T-Card!

ATHLETIC CENTRE

The AC is home to three gyms and one 250m track available to U of T students to stay active in. Plus, there's an Olympic-sized swimming pool to pretend to be Aquaman in (he's everyone's favourite).. All indoor intramurals and Varsity Blues games will take place in the AC. Moreover, there is a fully equipped "Strength and Conditioning Centre" on the first floor of the AC to get swole in. Still not convinced? Try going to one of AC's drop-in recreation classes. You might even make a friend.

HART HOUSE

At Hart House, there's three squash courts, one fitness room, one weight room, a 25 yard pool, a Lower Gym (which can be booked for free to play court-sports) and an Upper Gym (with a 150m banked oval track, stationary bikes, and other fitness machines). They have a huge range of activities, from ballet classes to weekend triathalons. **Protip:** this is the editor's favourite gym because "it's pretty" and a super short walk from the eng. buildings. Avoid this gym if you'd rather not see her chillin' on the rowing machines.

VARSITY CENTRE

On Bloor and St. George lies ones of the most noticeable sports facilities to the public of Toronto - the Varsity Centre. Their 5000 seat stadium contains a 400m, eight-lane artificial turf track and an Olympic sized rink. Varsity Field is where most of the university's teams train and play, and the track is open to students whenever it isn't in use.

GOLDRING CENTRE FOR HIGH PERFORMANCE SPORT

This swanky new sports stadium is, well, new. It's located near Museum Station (Bloor & Queens Park). The Goldring Centre for High Performance Sport is a 2,000 seat indoor arena facility. It's awesome. All the pros work out here. Oh, and the U of T Varsity Blues basketball and volleyball teams live here. Not literally though... we think.

Protip: Do you live near the U of T Mississauga or Scarborough campuses? If you answered "yes!", you're in luck: you can access their athletic facilities as well!



At Skule™, you're going to find yourself hungrier than the Hulk if you (or your mom) forget to pack a lunch. Thankfully, Toronto has no shortage of options to grab a post-exam shawarma or batman-worthy green smoothie.

EATING ON CAMPUS

The Pit: Veda, Hard Hat Cafe (Cash or TCard only, see page 69)

Bahen: The Cube

Med-Sci Building: Food Court

Hart House: Cafe and restaurants

Food trucks: on St. George Street, perpetrator of the freshman 15

POST WORLD-SAVING MEALS

Red Room - 444 spadina Avenue

Travel time: 9 mins **Cost:** \$10 or less for a full sized meal (+ tax)
A large meal on a small budget. Serves a wide variety of asian fusion food. Definitely recommend the fried tofu.

Gyugyuya - 177 Dundas St W

Travel time: 15 min walk from campus | **Cost:** around \$10
Authentic Japanese curry rice on a big plate, where you can get a sense & taste of modern Japan. Check them out on [zomato.com](https://www.zomato.com)

Pizzeria Libretto - 155 University Ave.

Travel Time: 20 minutes from campus | **Cost:** \$20-25
INCREDIBLE pizza, OG taste, and modern interior.

Manpuku - 105 McCaul Street

Travel Time: Like, none. | **Cost:** less than \$8
Hella good udon (WITH \$1 NOODLE REFILLS) and the best eel rice! **Protip:** it's a little tricky to find but worth the effort!

It's All Grk - 366 Bloor St West

Travel Time: 6 mins | **Cost:** \$11-20
The best pitas you'll ever try, filled with your choice of pork, lamb or chicken gyro plus fries in them! Yes, fries! Yum...

Sansotei Ramen - 179 Dundas St W & 650 Yonge St

Travel time: 10-15 min walk from campus | **Cost:** around \$10
The most popular ramen in Toronto, with simple yet traditional ramen and a few dessert options.



ON-THE-GO FOOD

Mashion Bakery - 345 Spadina Ave

Travel time: 12 mins | **Cost:** CHEAP AS HECK! (cash only)

Superhero life not paying well? Grab some chinese baked goods, including meat buns, pastries and egg tarts for a toonie.

Ibento - 235 College Street

Travel time: What travel time? | **Cost:** \$7-\$15

Japanese food at a decent price. The bento boxes are fresh and very filling. The specials are great for smaller (and cheaper) meals.

Bahn Mi Boys - 399 Yonge Street

Travel Time: 15 min | **Cost:** sandwiches: \$4-5, large dishes: \$7-12

A modern approach to Vietnamese sandwiches. The kimchi fries are to die for. A great option for long breaks between classes.

Pita Q - 750 Spadina Ave

Travel Time: 6 mins | **Cost:** around \$10

Avengers Assemble! Time for a shawarma break! A great place to grab a bite on your way to the Spadina subway station.

TREAT YO SELF

Krispy Kreme - 164 McCaul St.

Travel time: 4 min from the exam centre (hint hint) | **Cost:** <\$10

Being a superhero is HAAARD. If exams have got you down, head to Krispy Kreme for fresh donuts with a variety of cool flavours.

Uncle Tetsu's Japanese Angel Cafe - 191 Dundas St W

Travel time: 15 min walk from campus | **Cost:** around \$10

Have a taste of authentic Japanese cheesecake and matcha lattes surrounded by "Kawaii" maids.

Millie Creperie - 161 Baldwin St

Travel Time: 10 min walk from campus | **Cost:** \$5-\$10

Fancy crepes and layered cakes - what's not to love?

Chatime Bubble Tea - 132 Dundas St W | 337 Bloor St W

Travel Time: 10-15 min | **Cost:** about \$5

The best place to grab a cup of bubble tea with a friend on your way to the Eaton Center! **Protip:** try the Roast Bubble Tea.



PHOTOGRAPHY & CITY WALKABOUTS

Prowling the streets for delicious food or a new profile pic? Love landscape photos and taking artsy shots? Be sure to visit these Toronto gems.

St. Lawrence Market

A bustling place full of merchants, farmers and fresh food. Keep your ears open for their various events and don't forget cash.

Kensington Market + Graffiti Alley

Just a short walk from school, Kensington has a bunch of places for good eats (there's amazing tacos and grilled cheese!). The street itself has lots of character, and it's a short walk away from "Graffiti Alley" - an ever changing backdrop of street art.

Distillery District

This old distillery is now home to a bunch of cute shops and cafes. Remember to walk between the buildings to see the hidden sculptures, and be sure to attend the Christmas Market!

The Beaches

Whether it's a walk along the boardwalk, enjoying a nice view of the lake, playing volleyball in the sand, or searching for sea glass, this place will have something for you. **Protip:** check out The Nutty Chocolatier or superhero merch stores while you're there.

BROKE BUT WANNA HAVE FUN

Board Game Cafes

Catan enthusiasts assemble! Visit Castle (454 Spadina Ave) or Snakes & Lattes (600 Bloor St W and 489 College St) and play with friends. Castle costs \$2.50/hour (per person) and Snakes and Lattes, costs \$5/person to stay indefinitely. **Protip:** the food is pricey, so be sure to eat ahead of time.

Royal Ontario Museum (ROM)

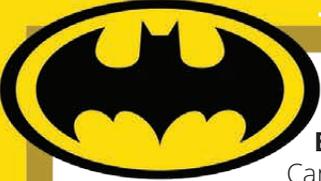
Explore the past at the ROM. Full-time students have free general admission on Tuesdays!! There's also discounted Friday Night Live events which include live music and food.

Free Courses at the Athletic Centre (AC)

As a U of T student, you have access to free courses at the AC which'll keep you super(hero) fit. Visit the AC for more info!

Art Gallery of Ontario (AGO)

Visiting an art gallery will help you blend in as a normal civilian. Visit the permanent collection for free on Wednesday nights.



THINK ON YOUR FEET

Escape Rooms

Can you escape the Arkham asylum? Test your prowess as you and your friends attempt to break out of a puzzle filled chamber. The goal: get in, get out, don't get hurt. Book in advance for a one hour game at 388 Spadina Ave. It's only \$25!

Axe Throwing

Yes, AXE THROWING (the closest thing to Mjolnir) is a form of entertainment that can be found downtown. It's \$20 at BATL axe throwing (33 Villiers St.) for a drop-in session, and group sessions of 6+ can be booked online in advance.

Sky Zone

TRAMPOLIIIIIIIINES!!!! DODGEBALL!!! AT THE SAME TIME!!!!
Located at 45 Esandar Drive, at \$15/hour.

Pursuit OCR

Avengers assemble! Play 'til you drop in this adult-sized obstacle course which includes a ball pit, climbing walls and so much more. It's \$20 for an all day pass right at 444 Dufferin Street.

Archery Tag

Time for you to shine, Hawkeye. This is essentially paintball with a bow and arrows, and teams show off their archery skills against each other to figure out who comes out on top. It's \$25/person, but be sure to book in advance.



HEY, NO, SHHHH... PAY NO ATTENTION TO THE MAN IN THE SKIN-TIGHT RED SUIT. ALTHOUGH, WHO COULD BLAME YOU, REALLY?



A **huge** welcome to all the international students reading this right now, and welcome to Toronto! As exciting as it can be to move to a whole new country, it can also be a little scary/intimidating/overwhelming, so that's why we've collected the wisdom of upper-year international students to figure out what they wish they'd known before coming to Skule™.

PROTIPS: INTERNATIONAL ÉDITION

- Prices in Canada might be different from what you're used to! Unless you're from the UK, Australia, or the US, you'll likely find it expensive.
- Get a SIN (Social Insurance Number). As soon as possible. You will absolutely need it.
- **Don't be afraid to ask for help!**
- Branch out and meet locals or other international students. Step outside of your comfort zone, and make friends, make friends, make friends!
- Chocolate timbits (from Tim Hortons) are to die for.
- You don't need to be fluent in French to get by in Canada. In fact, you don't need to know French at all in Toronto.
- **Learn to dress for the winter.** Yes, it's cold, but if you wear the right clothing you will survive. Buy quality boots and a down jacket which will last, and if you buy them in the summer they'll be much cheaper!
- NEVER feel bad about being uncomfortable, homesick, frustrated, or depressed. Skule™ is phenomenal, but it's always improving to better accommodate different students.
- In Canada, you HOLD the DoOR for others
- Feel free to stop by the Jumma prayers at Hart House and/or the Multi Faith Center! They're theraputic for anyone looking to get in touch with their spirituality. There's also a place to pray in the Bahen Centre near the CUBE
- Get to know the public transportation system, and if you're confused, you can *always* ask for help!
- Remember that you're not alone - half of the population of Toronto was born outside of Canada. It's a very Home-able city and it's awesome.
- Learn to cook, even if you're in residence for your first year.



INTERNATIONAL STUDENTS

The tips aren't over yet, so keep reading to find out even more things that you may like to know before coming to U of T.

PROTIPS: INTERNATIONAL EDITION - CONTINUED

- Download the U of T Map mobile app on your cellphone.
- Study hard. More importantly, study smart.
- Be yourself, and don't change who you are for others. You'll find the right kind of people you fit in with.
- Your name is like everyone else's, your accent isn't weird, that food you like isn't strange just because it smells different.
- Kensington market is a gold mine for good, home-like food.
- Research phone plans and get the one which works for you, especially if you'll be calling/texting internationally.
- Try your best to figure out the healthcare system **before** you get sick. Get your UHIP (University Health Insurance Plan) card and figure out what services are available to you.
- Yes, Mississauga is a real place.
- If you live near campus but don't have internet, you can totally get by using the (free) Wi-Fi on campus.
- Rexall/Shoppers will have most of your daily-need items. Sobey's and Metro are great places to shop for groceries (and they have discounts!)
- Figure out your bank and banking information as soon as you can.
- Don't buy into racial stereotypes! Or any stereotypes, for that matter.
- No, you (unfortunately) can't go to Vancouver and back in the same day.
- Figure out whether renting or residence is a better choice for you. Renting can be more affordable, but residence is a great place to meet other students (and it takes away the stress of having to cook too!).

EXTRAS





GODIVA'S HYMN

Godiva? Who dat? Well, here's some of the many, many verses from "Godiva's Hymn" which you can sing (to the tune of "The Battle Hymn of the Republic") to discover more about this bareback rider. If you want to get some pre-Skule™ studying in, visit http://skulepedia.ca/wiki/Godiva's_Hymn to read more verses!

Chorus:

We are, we are, we are, we are, we are the Engineers,
We can, we can, we can, we can demolish forty beers.
Drink rum, drink rum, drink rum, drink rum, so come along with us,
For we don't give a damn for any damn man, who don't give a damn for us.

Verses about Godiva:

Godiva was a lady who through Coventry did ride,
To show to all the villagers her fine and lily-white hide.
The most observant villager, an Engineer of course,
Was the only one to notice that Godiva rode a horse.

Godiva died and where she fell a benchmark marks the spot,
In any Engineering text, its level can be got.
And up in Heaven, everyday Godiva craves for beer,
But she'll have to wait until the gates let in the Engineers

Verses about Engineers:

A Comp and an Elec did battle outside Bahen hall,
Students gathered round to watch the two great students brawl.
The Elec spoke of flux and fields for a minute, two or three,
But the Comp kept rambling on and on and on recursively!

Said Spock to Captain Kirk "the logic you cannot refute,
the odds of our survival are so small I can't compute."
Said Kirk "Oh no! We all shall die!" but then he gave a cheer,
For he just remembered Scotty was the resident engineer!

New Verses:

Ryerson and Waterloo and Queen's can all agree
That no one handles mascots like the kids at U of T
The Ram and Tool went out one night, the Pole joined in the fun,
They turned up with the Cannon 'cause they know we're number one!

Students from around the world head to U of T,
to join the group of engineers at S K U L E;
They came for academics but soon learned there's so much more,
So come on down to U of T and hear the Cannon roar!



SKULE YELL

To be sung whenever the Cannon is fired...

Toike Oike! Toike Oike!
Ollum te Chollum te Chay!
Skule of Science, Skule of Science
Hurray! Hurray! Hurray!

We Are (we are!),
We Are (we are!),
We Are the Engineers!
We Can (we can!),
We Can (we can!),
Demolish Forty Beers!
Drink Rum (straight!)
Drink Rum (straight!)
And Come Along With Us,
For We Don't Give a Damn For Any Damn Man
Who Don't Give a Damn For Us!
Yaaaay Skule™!!

MARCHING BANDS

When marching bands and policemen fall in line,
We've got to win the game another time,
And for the BLUES I yell, yell, yell, yell, yell,
And for the University I yell like hell!
We're going to fight, fight, fight for every yard,
Circle the ends and hit the line right hard,
And throw the enemy upon the side
(HIT 'EM HARD) RAH! RAH! RAH!

(MARCHING BANDS)

When polar bears and penguins fall in line,
We've got to wing for the Arctic another time,
And for the MOOSE I yell, yell, yell, yell, yell,
And for the Albatross I yell I yell like hell!
We're going to fly, fly, fly, for every yard,
Circle the ice and hit the tundra hard,
And throw the polar bears upon the ice
(HIT 'EM NICE) OOL! OOL! OOL!



RUBBER DUCKY

Rubber Ducky, you're the one.
You make bathtime so much fun.
Rubber Ducky, I'm awfully fond of you.
Boo boo de doo!

Rubber Ducky, joy of joys,
When I squeeze you, you make noise.
Rubber Ducky, my very best friend is you.

One, two, three, four!

Everyday when I make my way to the tubby,
I find a little fella who's cute and yella and chubby.
Rubber dubber ducky!

Rubber Ducky, you're so fine.
And I'm happy that you're mine.
Rubber Ducky, I'm awfully fond of,
Rubber Ducky, I'd love a whole pond of,
Rubber Ducky, I'm awfully fo-o-o-o-o (hold note)
-nd of you, too, boo-boo-be-doo!

SESAME STREET

Sunny days, sweeping the clouds away,
On my way to where the air is sweet.
Can you tell me how to get,
How to get to Sesame Street?
How to get to Sesame Street?

I don't know the words to the second verse,
I just make 'em up as I go along,
Can you tell me all the words,
All the words to Sesame Street?
All the words to Sesame Street?

FOUR SKIN

My one skin lies over my elbow,
My two skin lies over my knee!
My three skin lies over my shoulder,
Oh, roll back my four skin for me!
Roll back, roll back, oh roll back my four skin for me, for me!
Roll back, roll back, oh roll back my four skin for me, for me!



ENGINEERING DRINKING SONG

Here's to [name], here's to [name].
Here's to [name], he/she's a horse's ass!
Why was he/she born so pitiful, why was he/she born at all?
He/she's no fucking use to anyone, he/she's no fucking use at all!
So drink motherfucker,
Drink motherfucker, drink motherfucker

WHY ARE WE WAITING?

Sung (loudly) to the tune of "Oh, Come All Ye Faithful"

Why are we waiting, why are we waiting?
Oh, why are we waiting?
Oh, why do we wait?
Why are waiting?
We could be masturbating
(or integrating, or fornicating, or whatever else rhymes!)
Why are we waiting, why are we waiting?
Why are we waiting?
Oh, why do we wait?

Where are we going, where are we going?
Oh, where are we going?
Oh, where do we go?
Where are we going?
At least it isn't snowing.
Where are we going, where are we going?
Oh, where are we going?
Oh, where do we go?

We want attention, we want attention.
Oh, we want attention.
Attention, we want.
We want attention,
At least an honourable mention.
We want attention, we want attention.
Oh, we want attention.
Attention, we want.

We need more verses, we need more verses.
Oh, we need more verses.
Verses, we need.
We need more verses,
At least it isn't curses.
We need more verses, we need more verses.
Oh, we need more verses.
Verses, we need.



No One is Laughing...

- What's a superhero's favourite part of the joke?
The punch line.
- Why is Batman a terrible hero
He can't go anywhere nice without robbing.
- What's Superman's favourite sporting event?
The superbowl
- What is Iron Man's favourite theme park ride?
The Ferrous Wheel
- What is Spiderman's dream job?
A web designer.
- Why did Wonder Woman refuse to date Mr. Freeze?
He gave her the cold shoulder.
- What do heroes order in their drinks?
Just ice.

Hey Batman! Knock knock.
Who's there?
Not your parents.

Yo mamma so fat she used Captain America's shield as a dinner plate

Yo mamma so dumb she looked in her closet to find Jean Grey

Yo mamma so dumb that professor X read her mind and only heard static

Yo mamma so old she used to babysit Apocalypse

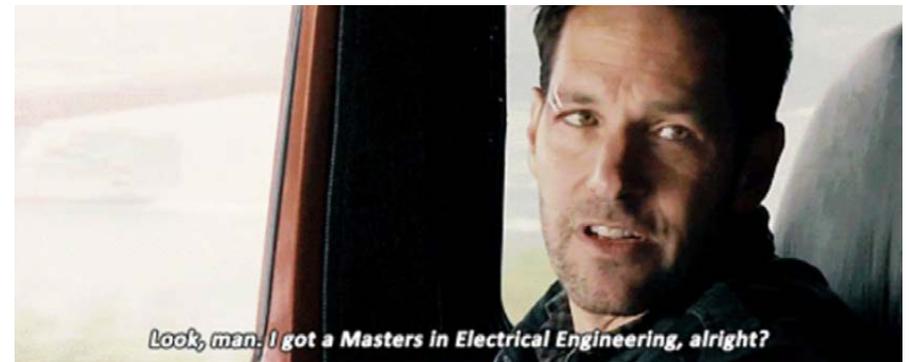
Yo mama so old she thought Steve Rogers was dating Peggy Carter

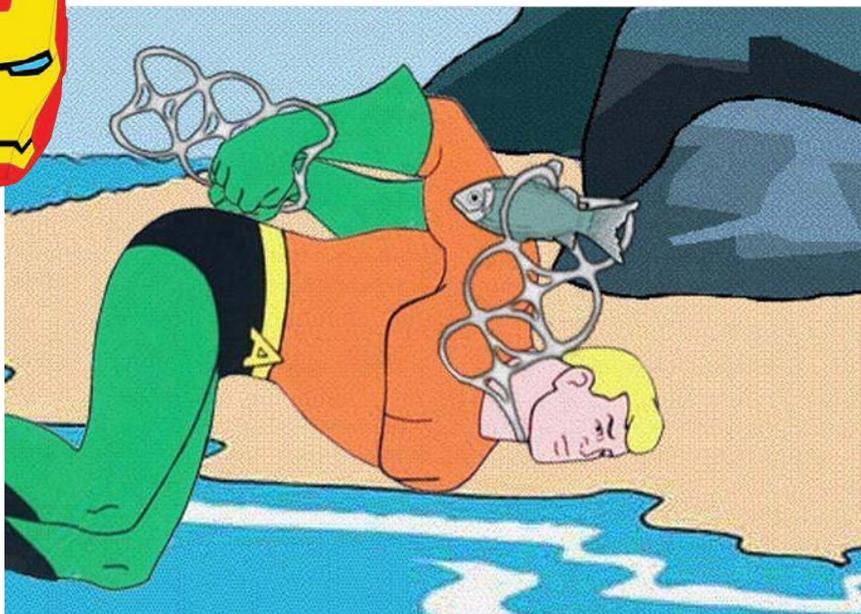


HA HA.... HAH... *CRYING INTENSIFIES*

Matt Murdoch walks into a bar with a seeing eye dog. Suddenly, he starts swinging the dog around on the leash. The bartender says "SIR STOP!!! WHAT ARE YOU DOING!?" He says "Oh I'm just looking around..."

The Avengers are in their Quinjet on the way to a mission in Latveria. On the way there, they get caught in a storm, and one of the engines is taken out by lightning. Iron Man turns around and says "Don't worry team, we've got four more engines where that came from, we'll just be slightly delayed." Five minutes later, the jet is hit by another bolt of lightning. Iron Man turns around and says "Don't worry, the three remaining engines have more than enough power to get us to Latveria safely. It's just going to take us even longer." This pattern repeats until there is only one engine left. Starting to panic, Stark tells his team "It's okay, we can probably still make it with one, but we're gonna have to really take our time now." Captain America then turns to Black Widow and says "Can you believe this? If that happens again we'll be stuck up here all day."





MISSING LINES FROM CAPTAIN AMERICA: CIVIL WAR

"...but you're Peggy's niece, and that's a little weird. Also, we were just at her funeral, so maybe let's talk in a year."

"Hey, here are some FDR pens you might like. Also, wasn't Bucky brain-washed by Hydra? I have this memory-correcting software called BARF, maybe we could give that a whirl."

"You were going to NUKE New York City, and you're upset because we knocked over a few buildings?"

"Ultron was going to kill everyone, and you're upset because we knocked over a few buildings?"

"Wasn't keeping track of the Hulk your job, General Ross?"

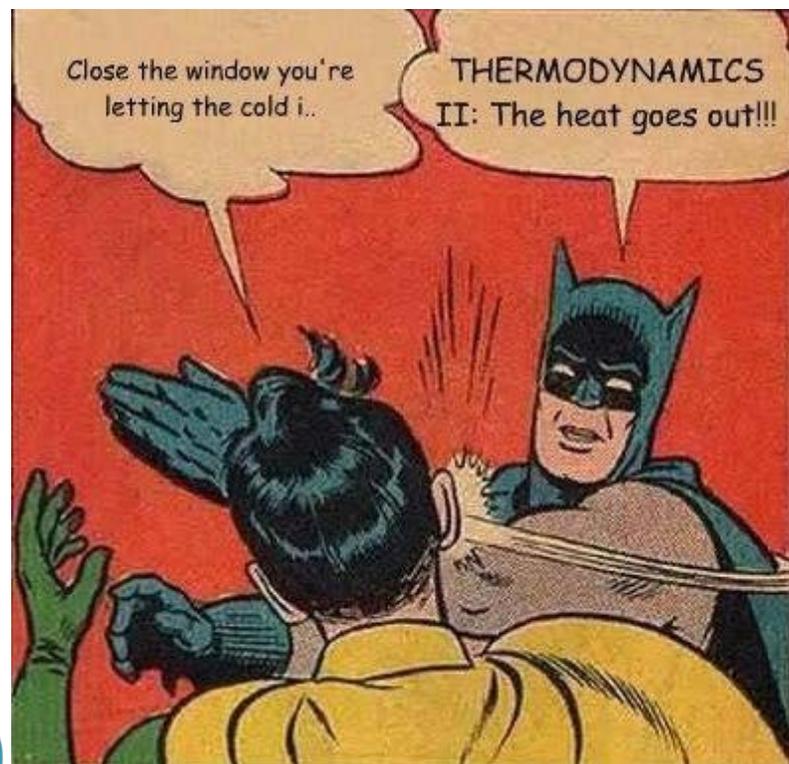
"Wait, what's this about no lawyers and a fucking 'raft prison?' I'm not signing this bullshit."

"Wait, where was your dad even going with all that supersoldier serum?"

"What's in the backpack?"

"So you got your shield back, and Falcon got his wings, but where's my backpack?"

"Was that a glossy headshot of me in your journal, or are you just happy to see me?"



Studying for finals





MOTIVATIONS IN CAPTAIN AMERICA: CIVIL WAR

Iron Man: We should let them do this

Captain America: WE CANT LET THEM DO THIS

Black Widow: Okay just hear me out...

Black Panther: BUCKY DID THIS

Bucky: I didn't do this

Hawkeye: It got boring at home

Vision: Wanda no!

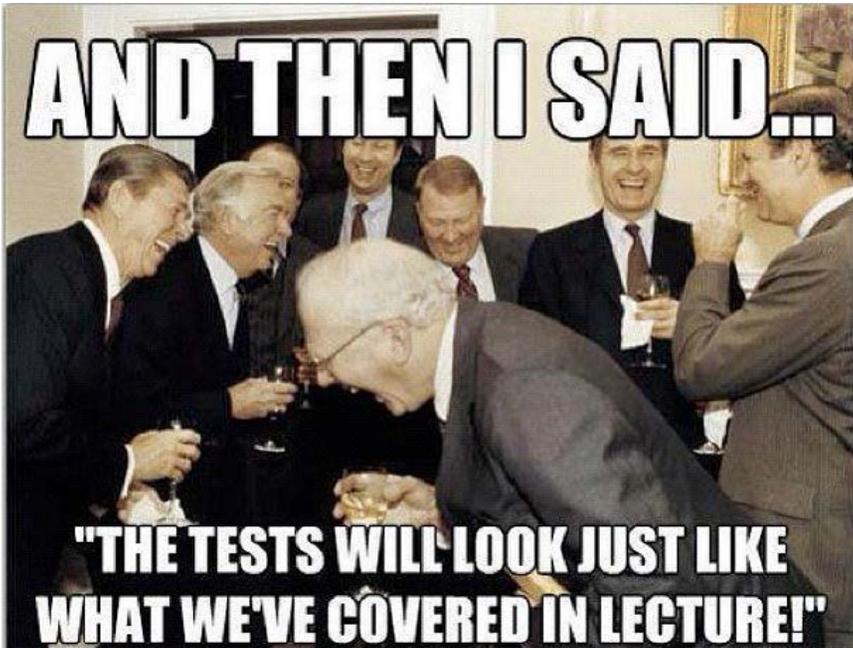
Scarlet Witch: WANDA YES!!

Falcon: Everyone, this is Redwing

War Machine: Alright, I don't want anyone f***ing s**t up

Spider-Man: I'm done with my homework and Mr. Stark said I could come along

Ant-Man: I'm just happy to be here



APPLYING FOR YOUR FIRST INTERNSHIP...

So why do you think you are suited to this position?



What are your achievements so far?



What are your ambitions. in reference previous education and work history?





BLACKBOARD MOBILE LEARN

It's a testament to how GREAT this app is when Professor Shai Cohen says that he will "give an A+ to any student who can figure out a way to fix it". Alas, the Blackboard app is the best (barely passable) way to check your grades and course announcements on your phone. You'll even get a notification when something new is posted. Just beware of APS100...



CITOPRINT

Free and developed by students from U of T! Elegantly designed and will help you discover computer labs you never even knew existed and find out where the free computers and printers are so you'll never have to wait for a spot again.



TOP HAT

Download this. End of discussion. Do it. You'll have to use this to answer questions in class. It'll be used primarily in APS111 and APS112 for your Professional Development (PD) mark, but other courses may use it as well.



TTC

Even if you're not a commuter, having a transit app is a great way to make sure that you're always on time to lectures and that you're not stuck waiting in the FRIGID Canadian winters for long periods of time. Download this app to quickly check the transit schedule and be on your way!



UBER TAXI

You're coming out of a long night at SUDS and you just want to get home and crash. In that case, use this app to get picked up wherever you may be, and get dropped off wherever you want. Just be aware that while the app is free, the service is not.



WOLFRAM ALPHA

To quote Professor Burbulla: "you could just plug in Web-Work into WolframAlpha, I mean, we know you do it... he, he." WolframAlpha is an incredibly powerful mathematical computation engine that'll be very helpful when you're stuck on an impossible integral at 2 am. Just keep in mind that it'll cost you \$2.99 (which is a lot).



A

Amazing: See *Katherine*.

Artsci: These are the powerless civilians that make up 80% of UofT's population.

B

Bnad: These musical outlaws are wanted for noise pollution and lecture crashing. If seen, please notify the closest handbook executive so they can start singing along.

BEvERages: Make sure you stay *properly* hydrated!

C

Cannon, The: 1) The official mascot of Skule™. It serves as an engineer's version of the Bat Signal.
2) The most trustworthy news source in UofT (see page 65)

Commuter: These heroes might not live close to Skule™, but they are just as dedicated as those who live close to campus!

Con Hall: A big lecture hall where you'll be sleeping 3 mornings per week. Fun Fact: The mathletes scene in Mean Girls was filmed here.

F

Finals: The "Final" challenge you will face each semester. See what I did there? Was it funny? Guys?Guys?

F!rosh: A young skuligan who is only just discovering their powers. See *You*.

G

Godiva Week: The second coming of F!rosh Week to welcome you to second semester!

H

Hard hat: A symbol of your heroic spirit! Artsci's will get jealous and try to steal it, so make sure you keep an eye on it.

K

Katherine: That's me!

L

Lady Godiva: Another symbol of engineering: she's naked and rides a horse.





M

Midterms: The first villains you'll face during your heroic career.

P

Pit, The: Where you and your fellow Heroes will inevitably start hanging out. Don't try to resist. It's pointless.

Prof: You'll be spending a lot of time with these brainy people. Don't be afraid to approach them; they're really interesting people!

Programming: printf("Hello World!");

S

Showering: Don't listen to any ECE's - this is not optional.

Skule Nite: An awesome show you get a free ticket to with the purchase of a F!rosh Kit (see page 70)

Sleep: Treasure it while you can.

SPS: Suds, Pit, Steins.

T

TA: Teaching Assistant. They mark your midterms and problem sets. Ensure that you stay out of their bad books.

Toike Oike: A serious newspaper (see page 64).

Toiking: The act of scrubbing a Skuligan's face with the back of a "Toike Oike" publication (often by surprise). To be toiked is an honour.

H

xTx: Much like the difficulties faced when trying to remember all the different series, issues, and revamps that happen to comics, engineers at Skule struggle to categorize what year other students are in. By slapping a "T" between your expected year of graduation, this clears things up greatly. (The graduating class is the 1T7s, while F!rosh are 2T0s).

y

You: Not me.

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Lined writing area for page 123, consisting of approximately 30 horizontal lines.



Lined writing area for page 124.



Lined writing area for page 125.



Lined writing area for page 126



Lined writing area for page 127

... if you've used this many pages for notes you should probably consider buying an actual notebook.



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You're Next Career Network President: Daksh Sikri (contact@yourenext.ca)
Mature Students' Chair: Peter Singh (maturestudentschair@skule.ca)
Part-Time Students' Chair: Vacant

FIRST YEAR OFFICE

You can always go to the First Year Office if you have any issues during your first-year. It's located at GB170, and talk to the first year counsellors. You can also check out the:

Website: www.firstyear.engineering.utoronto.ca

Email: firstyear@ecf.utoronto.ca

OH OH OH, DON'T WORRY, I KNOW IT'S ME
YOU REALLY WANT TO CONTACT.





Acorn | acorn.utoronto.ca

As a University of Toronto student, you automatically have an Acorn account! You can log into this account using your student number and chosen PIN. This is where you will have access to your official Fall and Winter Timetables, course calendar (including exam dates), student fees and account balance, exam marks, and more. Keep in mind, Acorn has hours of operation! If you need to order a transcript or check outstanding fees and you have a strict deadline, make sure you plan ahead of time and do it early so you don't get stuck anxiously waiting for Acorn to open!

Blackboard/Portal | portal.utoronto.ca

This website will become your go-to site for course information and announcements. You can log into Blackboard using your UTORid and password, and most of your courses automatically will automatically appear. While some lecturers will choose other platforms to share information, most will use Blackboard to upload course outlines and documentation, course marks, and important announcements. You can also use Blackboard to access your email using the "Student Webmail" link or go directly to webmail.utoronto.ca. Check blackboard often to stay on track!

APSC Engineering Portal | www.apsc.utoronto.ca/portal

This website is useful for a variety of requests including examination petitions or re-marks, program transfers, and program rankings. You can also access your Engineering Portfolio which you can update throughout the year to include extracurricular activities and work experience. It's definitely recommended you fill it out because these are used for faculty scholarship considerations!

Skule™ Resources | skule.ca

Skule™ has its own server, housing a variety of resources for EngSoc members (that's you)! The main website, skule.ca, has the latest skule™ announcements as well as information on the various EngSoc publications and operations. For information on the rich and interesting skule™ history and traditions, check out skulepedia.ca. There are also a variety of other sites like photos.skule.ca for professional event photos (include Frosh Week, so keep an eye out!), courses.skule.ca for previous exams in all your courses, or tutors.skule.ca for the contact information of engineering tutors.

Something else you're looking for that you can't find at any of these sites? Don't worry, Skule™ has you covered! If you have any questions or are looking for more resources, feel free to talk to the EngSoc President or one of the Officers.

MARIO'S

B A K E R Y

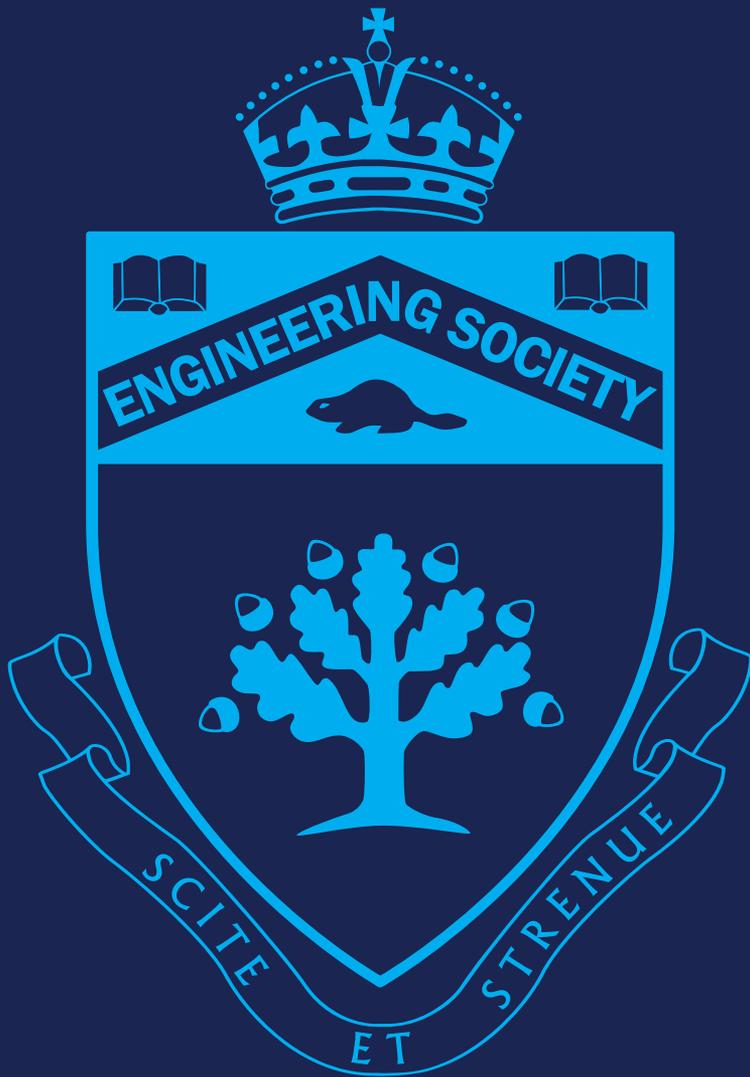
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Established in 1885, The University of Toronto Engineering Society is the student government for all full and part-time students in the Faculty of Applied Science and Engineering at the University of Toronto.

What does the University of Toronto Engineering Society do for you?

- Skule™ Publications: The Cannon, The Toike Oike, The Skulebook, The Planner, The F!rosh Handbook
- Commercial Operations: The Hard Hat Café, Engineering Stores, SUDS
- Skule™ Archives
- Skule.ca
- Skule™ Dinner Dances: Cannonball, Gradball
- You're Next Career Fair
- Community Outreach: Movember, CN Tower Climb for United Way
- HiSkule™ Recruitment events: Designaplooza, University of Toronto High School Design Competition, Skule™ Sisters, Pre-F!rosh
- F!ROSH WEEK (Orientation)
- The University of Toronto Engineering Competitions (UTEK)
- Club funding
- Academic Assistance: past exams (courses.skule.ca), tutors database (tutors.skule.ca)
- Representation to provincial and national Engineering groups: ESSCO, CFES
- Representation to the University of Toronto Students' Union
- Representation to the University of Toronto Faculty so that your voice can be heard
- And much, much more...



UNIVERSITY OF TORONTO
ENGINEERING SOCIETY

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