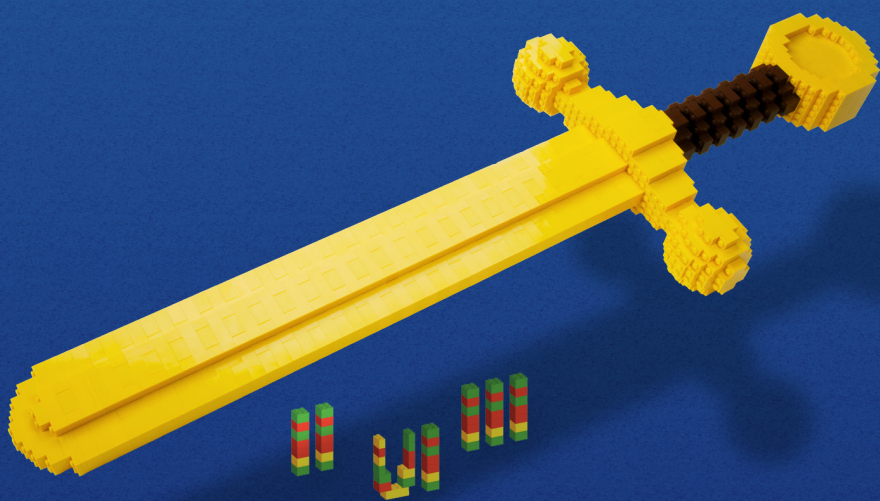


GET READY FOR THE GREATEST. WEEK. EVER.

1TB FIROSH HANDBOOK



THE ENGINEERING SOCIETY PRESENTS THE FIROSH HANDBOOK 1TB
FIROSH WEEK ASSEMBLING SEPTEMBER 1ST



• DISCLAIMER •

The following is supposedly approved for a reading audience.

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, or LEGO.

The Editor trusts that the contents of this F!rosh Handbook will not be deemed inappropriate or offensive to any person, groups of persons, Minifigs, Bionicles, Duplos, or Clikits. However, any reader wishing to file a complaint in regards to the contents of this publication is welcome to do so, and should address any correspondence to the Office of the President, 12 Hart House Circle, Toronto, Ontario, M5S 1A2.

The images, logos, and trademarks contained herein belongs to their respective copyright holders whom we have no association with whatsoever; so please don't sue us. I don't even have the money to pay for my tuition. In the off chance you do decide to sue us, then we're screwed. We'll have to call Emmett to be our lawyer, but he does not have a lot of experience fighting, or leading, or coming up with plans. Or having ideas in general. In fact, he's not all that smart. And he's not what you'd call a 'creative type.' Plus, he's generally unskilled. Also, scared, and cowardly. I know what you're thinking, "He is the least qualified person in the world to be fighting our case!" And you are right.

	Model Kit 263
	Ages 9000+
	F!rosh Handbook 1T8

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 have, therefore, 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 LEGO set to which they belong.
- 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 F!rosh,

First off, let me say welcome to Skule™, and welcome to your first ever F!rosh Week (a.k.a. the Happiest Week of the Year)! You've made the right choice by coming to Skule™ at U of T, and you'll be experiencing it all with the best people possible: engineers!

This Handbook will give you a sneak peak into what life at Skule™ is really like. So, please make use of this Handbook, and I hope it is as useful to you as mine was to me. (Plus, a little piece of my soul is in every Handbook that we printed, and the only way for me to fill the new found gap is with the tears of F!rosh after their first calculus exam.)

If you have any questions, comments, or suggestions - or just want to grab a BEvERage! - you can email me at handbook@skule.ca.

Make me proud, master builders, and don't forget that everything is awesome!

Melissa Campoli, ECE 1T7T1
F!rosh Handbook Editor 1T4-1T5



GRAPHIC EXECUTIVES



JORDAN YERZY



REENA CABINILLA



TYLER WEIL

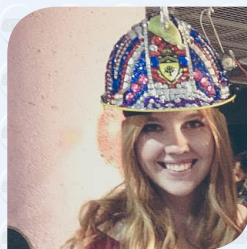
WRITING EXECUTIVES



JULIAN KING LAI



ALEXANDRA DAVIDSON



ROMY DONE

• EVERYTHING IS AWESOME •



• EVERYTHING IS COOL WHEN YOU'RE PART OF A TEAM •



• THANK YOU •

Teresa Nguyen | Karan Shukla | Mehran Hydari | Rhonda Meek | Tabish Gilani | Rejuana Alam | Amanda Aleong | Engineering Society | Orientation Committee 1T4 | Curtis Norman & First Year Office | Kimberly Shen | Ron Suprun | William Ye Photography williamye.com | Harmony Printing | Michaela Tai | Amir Kharazmi | Aidan Malone | Cory Sulpizi | Isaac Chung | Joshua Calafato | Catherine Tran | Ahmed Yusuf Ujjainwala | LEGO | Adobe Suite | Based God | Google | Past Handbooks | Parody Laws | BFC | Mario Baker & Mario's Ass | LGMB | LGMBear | LGMB Beaver | The Chief Attiliator | The TrackOne Common Room

To anyone that I may have forgotten, thank you and you are loved!

TABLE OF CONTENTS

1

ORIENTATION

Chair's Message.....	7
FAQ.....	8
Master Builder's Tips.....	9
F!rosh Week Schedule.....	10
F!rosh Week Events.....	11
Discipline Descriptions.....	13
Hard Hat Descriptions.....	16

2

TRADITIONS

Lady Godiva.....	19
Iron Ring & Purple Dye.....	20
Engineering Fashion.....	21
Skule™ Timeline.....	22
Ye Olde Mighty Skule™ Cannon.....	24
Lady Godiva Memorial Bnad.....	26
Godiva Week.....	28
Blank Pages.....	29
Skule™ Hierarchy.....	31

3

ACADEMICS

Pre-Class Checklist.....	33
Master Builder's Tips.....	34
Textbooks.....	35
ECF Labs.....	36
Awards & Scholarships.....	38
Engineering Buildings.....	39
Study Spaces.....	42
Common Rooms.....	43
Timetable Guide.....	44
Core 8 Anti-Calendar.....	45
EngSci Anti-Calendar.....	52
Petitioning.....	56
Summer School & T-Program.....	57

4

SKULE™ COMMUNITY

Engineering Society.....	59
President's Message.....	60
Officers' Messages.....	61
Ombudsperson & Archivist.....	63
GettingInvolvedwithEngSoc.....	64
Business Manager & First Year Office.....	65
The Cannon.....	66
The Toike Oike.....	67
Skulebook & Handbook.....	68
Engineering Stores.....	69
SUDS.....	70
Hard Hat Café.....	71
BlueandGoldCommittee.....	72
Hi-Skule.....	73
You're Next Career Network.....	74
Skule™ Nite.....	76
Skule™ Kup & EAA.....	77
UTEK & SGT.....	78
Clubs.....	79
Discipline Clubs.....	88
Dinner Dances.....	91

5

STUDENT LIFE

Accessibility Services.....	93
Residence.....	94
Commuting.....	96
Renting.....	98
International Students.....	99
Freshman 15.....	100
Athletic Facilities.....	101
Food & Bars.....	102
Events.....	104
Places to Go.....	106

6

EXTRAS

Godiva'sHymn.....	109
Skule™ Songs & Chants.....	115
Apps.....	119
Contact Info.....	120
Resources.....	121
Glossary.....	122
Ads.....	124
Map.....	127

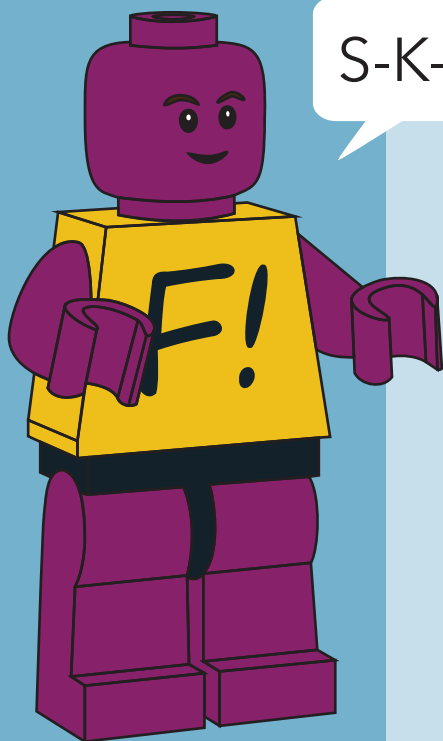
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Get ready for your first F!Week

ORIENTATION



a. PROTECT
YELLOW
HARD HAT



S-K-U-L-E 🎵

b. WEAR
SKULE™
APPAREL

c. DYE
YOURSELF
PURPLE

CHAIR'S MESSAGE

Welcome to Engineering U of T (fondly referred to as SKULE™)!!

Are you as excited as I am for F!rosh Week 1T4?!? F!rosh week is your first real taste of SKULE™. Each and every one of our events is designed with YOU in mind to prepare you for the challenge ahead, give you a glimpse of the endless opportunities here at SKULE™ and show you the best time of your lives in the process.

Reflecting on my own experience, what do I love most about F!rosh week? The atmosphere! This is the time to meet new people and discover a side of yourself that you never even knew existed. So maximise the fun, come with an open mind and connect with your leedurs and fellow 1T8's!! Now, let's get our F!week on!

Your loving F!rosh Week Minifig,

Amanda Aleong

Orientation Chair 1T4

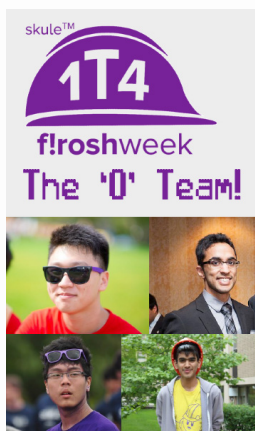


What the shenanigans is F!rosh Week?

It's a fun-filled week to welcome YOU! There are tons of social events, competitions, hangouts, and all around awesomeness to show all you newbies a good time and to help you get to know each other.

F!rosh? Skule™? Leedurs? Huh?!

- The incoming class of 2018 (that's you, kiddies!) is called F!rosh (we're so excited the "!" couldn't wait until the end).
- "Skule™" is our way of saying "school" but we're talkin' bout the fun side. None of that academic stuff.
- "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.
- "Head Leedurs" are your commanders and comrades. They are in charge of the F!rosh groups and make sure you get to your events on time!



So, what now?

1. Register for F!rosh Week at orientation.skule.ca
2. Join us on Facebook ("Skule" page) and Twitter (@FroshWeek, #FWeek)!

What do I get by registering?

- Unlimited access to all F!rosh Week events
- You do not need to register for faculty events like classes and the Engineering Entrance Aptitude Test
- Accessibility services if you require them
- Commuter services (check out the Commuter Program on our website!)
- Access to Hart House Farm: our optional kickass and badass camping trip
- F!rosh Kit, see below!

JOIN US ONLINE!

www.orientation.skule.ca



/groups/FroshWeek1T4



@FroshWeek

#FWeek

#IsItFroshWeekYet

#AreYouFweekingReady

What is in my F!rosh Kit?!?!?!?

- HARD HAT HARD HAT HARD HAT HARD HAT
- Laundry bag for your dirty duds because you're smelly
- Not one, but TWO lovely T-shirts
- A towel (for after drinking pina coladas and dancing in the rain)
- Flippy-floppies (shoes!)
- Handy-dandy clip board
- FREE ticket to Skule™ Nite
- FREE ticket to F!rosh Nite
- SWAG SWAG SWAG AND MORE FIROSH SWAG

What do I bring to the first day?

- Pre-order receipts for registration (we need it to give you a F!rosh kit)
- Money, if you haven't already registered
- T-Card, if you have it already
- Health card, or at least your health card number (just in case!)
- This Handbook!

What do I wear?

- SUNSCREEN. I'm not kidding, wear it!
- Shoes you can walk to the end of the earth in (we are poor and walk everywhere)
- Weather-appropriate clothing (rain or shine!)
- Clothes that you don't mind getting dirty and purple!

What NOT to bring?

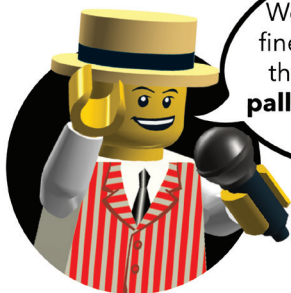
- Your pretty electronics (seriously, they will die from the watery purple dye)
- Your tuxedo and other nice things (again, watery purple dye)
- Valuable items that you don't want to lose (passport, etc.)

MASTER BUILDER'S TIPS

- Go to all of the events - you're going to regret missing any of them, trust us
- Don't be afraid of your leedurs and their antics. You'll soon become one of them!
- Don't be afraid to get crazy (within the confines of the law, of course)
- Don't skip out on getting dyed purple! Again, you will really regret it if you miss out!
- Wear your least favourite pair of underwear or bathing suit for dyeing - ones that you are comfortable being seen in!
- Ask as many questions about Skule™ life as you can (that's what your leaders are there for!)
- STUDY FOR THE EEAT
- DON'T STUDY FOR THE EEAT
- Enjoy not having homework while it lasts!
- Avoid the St. Mike's party at all costs
- Protect your hard hat at all costs
- Contrary to appearances, Prof Burbulla is not, in fact, homeless
- Though Prof Burbulla is, in fact, a wizard
- Put a clear coat of polish on your nails 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.)



HANDBOOK TRIVIA



We only used the finest colours from the **official Lego pallet** for the border bricks!

FIROSH WEEK SCHEDULE

	Firosh Week 1T4 Events		Student Run Activities during Orientation		Faculty Events		
Start Time	Monday 1st September	Tuesday 2nd September	Wednesday 3rd September	Thursday 4th September	Friday 5th September	Saturday 13th September	Sunday 14th September
7:30 AM	Registration						Hart House Farm
9:00 AM		Engineering Entrance Aptitude Test					
10:00 AM	Matriculation		Academic Orientation		Class		
11:00 AM	Firosh Photo	Firosh Olympics	First Year Instructor Panel				
12:00 PM							
1:00 PM	Campus Tours	BBQ	Department Lunch	Class			
2:00 PM			Skule Nite 101	Fun with Faculty	Parade		
3:00 PM	Downtown Walkaround	Engineering Clubs Fair					
4:00 PM			Charity Buskerfest				
5:00 PM	Dinner			Blue & Gold Bed-races	SUDS		Hart House Farm
6:00 PM		Skule™ Carnival					
7:00 PM	EEAT Tutorial		Discipline Club Activities + Dinner	D-Battle @ SUDS			
8:00 PM	Spark Event	LEGO Movie Night					
9:00 PM					Havenger Scunt		
10:00 PM				SUDS			
Late		Firosh Nite					

FIROSH WEEK EVENTS



MATRICULATION

Matriculation is the very first event and the grand kickoff which marks the beginning of F!rosh week and your time at Skule™. This will be the first time you enter Convocation Hall – the place where you will suffer through ESP lectures (except the (un)lucky EngScis who suffer through Praxis, instead). You will then be introduced to life at Skule™ and get a taste of some of the traditions. Following this, you will take an oath to

F!roshdom and hear the 2nd year students yell as they lose their F!roshginity. Look forward to this awesome band-playing, pant-dropping, up-and-down-jumping, old-people-yapping event!

CAMPUS TOURS

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 Royal Military Corps of Engineers. Ask your F!rosh leedurs about it! On this tour you'll get a taste of the wicked U of T campus which will soon be your new stomping ground.

DOWNTOWN WALKAROUND

Are your feet sore? Back in pain? Tired and thirsty? WELL SUCK IT UP, BUSTER! CUZ YOU'RE GOIN' FER A WALK! A REAL LONG WALK. 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 with all your might!



MOVIE NIGHT

What better way to procrastinate for a huge test than to watch movies the night before?! We know you've done it. We've all done it. Don't lie to yourself. Anywho, drop by after tutorial for a sweet movie and relaxing time!

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. So, the EEAT was created and thus students must write it. This information helps professors understand the level of education and understanding their potential students possess. *Side Note: to help you brush up, the Faculty provides a tutorial on the topics tested on the night before the test. We strongly recommend you attend.*



F!ROSH OLYMPICS

FOR THOSE ABOUT TO F!ROSH, WE SALUTE YOU. Prove your might to the judges at hand and may the odds be ever in your favour. *P.S. Bring running shoes!*

CLUBS FAIR

JOIN EVERYTHING. LIKE SRSLY. SIGN UP. There are over 100 engineering specific clubs ranging from tech design to weight

lifting to environmental awareness. Again, put your email down for everything then figure out what works for you!

FIROSH WEEK EVENTS

SKULE™ CARNIVAL

Gear up for this amazing event provided by Hart Entertainment. It's jam-packed with all sorts of fun stuff that you hope to find at a carnival! Over 10 big inflatable items consisting of a 4D Twister, Human Foosball, Rock Climbing, and much, much more! Sponsors will also be present at their booths handing out free goodies and SWAG! So get ready for a carnival for over 1000 students with over 20 different Skule™ Clubs and most importantly, TONS OF FUN!



FIROSH NITE

PAAARRTTTAAAAAYYYYY!!! It's like Ferris Bueller's Day Off, but better. Head on down to a bangin' night club and werk it. Twerk it.



CHARITY BUSKERFEST

Human pyramids, dancing the funky chicken, off-key singing, and so much more! Buskerfest gets you out of your comfort zone and into the danger zone. So make a scene and raise money for a great cause!

BED RACES

Strap yourself to a bed and run like the wind! Facing other colleges, you will race by dragging a bed on the main drag (King's College Road) all the way to glory.

U of T PARADE

After a whole week of Engineering awesomeness, join the ENTIRE university on a march through the downtown core! But be careful and hang on to your hard hats kiddies! ArtScis will be there, lurking in the crowds, waiting for their moment to snatch your hard hat...

HAVENGER SCUNT

OMG LIKE THE BEST EVENT EVURRR!!!! Lay an egg, get a star named after you, drive a subway, take a dip in Lake Ontario, and eat a pound of garlic. The fun is just gettin' started! You won't believe what the judges will ask you to do to get team points! The prize, you ask? A bangin' T-shirt and bragging rights until the day you die. So worth it.



HART HOUSE FARM

It may be the week after F!rosh Week, but the fun doesn't end! This is a dope part of F!rosh Week and a great way to end off your experience. Grab your stuff and head on up to Hart House Farm, a U of T owned property, and enjoy a weekend of BEvERages, frisbee, singing, swimming, rolling around in the grass, campfires, marshmallows and so much more! If you're lucky, you may even get to sleep on a couch. Or you'll end up like me, on top of the TV... But that's a minor detail.

DISCIPLINE DESCRIPTIONS

CHEMICAL

Strengths: *Blowing bricks up by accident, blowing bricks up on purpose*

Weaknesses: *They've smelled so many chemicals it has begun to affect their minds*

If girls were pink and boys were blue, Chem would basically be a Lego box of all pink blocks. Chem is also known for well-paying jobs because, like their Mineral counterparts, they sell their souls to the natural resource industry. Expect a balanced workload in first year but make sure to meet some Civs and ECEs for those programming labs and CIV100 problem sets.



CIVIL

Strengths: *Concrete, logic, stealing construction signs*

Weaknesses: *CME185, showing up to class*

Civils are building blocks. You bet they can build a mean Lego city any day of the week. Building is their specialty...except when it's not. Civs have a pretty awesome common room filled with contraband that they've lifted from other universities. You'll find pylons and stop signs littered all around their couches and foosball table. Civs are generally pretty laid back and modern but they definitely like to travel in packs.



COMPUTER

Strengths: *200k+ karma on Reddit, Star Wars references, coding*

Weaknesses: *Easily lost in Bahen, cannot perform anything artsy, lack of basic personal hygiene*

Computer Engineers are the Lego video game series - you need a computer to run them! Computer engineers are primarily sighted in Bahen looking to strike up a conversation with Comp Sci girls and ending up playing DotA instead. You'll meet a lot of introverts in CE but if you're looking to learn any programming language that ever existed, there's always someone that can help you out. Just don't touch their laptops and you'll get on just fine, OK?



ELECTRICAL

Strengths: *ECE labs, all-nighters, surviving the ECE room smell*

Weaknesses: *Showering, playing LoL, any type of contact with the female form*

Electrical Engineers are like the Star Wars Lego set; you can't quite understand their instructions and you rarely see girls anywhere near them but hot damn, once completed they're easily the most epic Lego set you've ever bought. EE is one of the more challenging disciplines, but it also has the most job opportunities (especially for PEY), so there's that. Plus, who doesn't like the thrill of setting up a working circuit, right guys? ... Guys...?



DISCIPLINE DESCRIPTIONS

ENGINEERING SCIENCE

Strengths: *Dealing in the abstract*

Weaknesses: *Socializing with non-EngScis*

EngScis are the Lego piece that you absolutely want to use even though it doesn't actually fit anywhere. As the crème de la crème of engineering, only students with strong motivation and an even stronger stomach enter Engineering Science. Despite two long foundation years full of programming, material science, linear algebra, and a buttload of physics and calculus, EngScis still end up with more questions than answers—the most important of which is: What the hell is Praxis? Luckily, being an EngSci has some advantages: bragging rights, practice for surviving all-nighters, superior foosball skills, and the option to transfer into any Core 8 discipline. EngScis eventually go on to realize that despite being unique Lego pieces, they still have to share the same box with all the others.



MATERIALS

Strengths: *Polymers, not fracturing under stress (HAHA GET IT?!)*

Weaknesses: *Don't really know if they're in Chem or not*

Materials students are nearly as rare as Mins. They are also as confused as TrackOnes because they think that they are a souped-up Chems. We don't know much about them, but we know they exist. Believe it or not, they actually don't like Chem that much. Go figure. Materials Engineering also made the material which makes up the Lego blocks! So, by reasonable assumption, Materials are every Lego piece.



MECHANICAL

Strengths: *Athletics, looking cool, being babes, hitting on everything that moves*

Weaknesses: *Logic, they think that they are actually cool and are babes*

Mechanical is that super-common, super-used block that is pretty generic but one of the solid building blocks of your Lego set. Mechanical is a lot of "RA-RA-RA MAKE IT GO FASTER", "CAN WE ADD MORE MOVING PARTS?", "NO, DON'T ADD MORE PARTS IT'S TOO MUCH WORK", and "IS IT BEER-O'CLOCK YET?" Mech Club likes to host hilarious events like "Caught You Sleeping" where students post the best sneaky pictures of their classmates PTFO in class. It's great. Really.



MINERAL

Strengths: *Making ridiculous amounts of money, rock identification, living in backwater towns*

Weaknesses: *They are invisible to the rest of the engineering population*

The shear amount (get it?! SHEAR STRESS?! Oh fine, not yet, but you will) of rock jokes (Jeez Marie, they're minerals) you shall encounter will rival the amount of money you will make by being a mineral engineer. You, my friend, are the rare (earth metal?!) Lego piece and other engineers will pride themselves in saying that they have in fact met a mineral engineer.



DISCIPLINE DESCRIPTIONS

INDUSTRIAL

Strengths: *Making things more efficient, science*

Weaknesses: *Making things more efficient, science*

Indy is a typical Lego piece. It can take on any form or character it wants. Indys code a bit like ECEs but they shower more regularly and females are visible. They BS their way through projects (like any other ESP/Praxis student) and are amazing at sounding knowledgeable. No Indy knows what he or she actually does and why they are a part of engineering. Some fourth years figure it out. The rest go on to fry fries at McDonalds.



TRACKONE

Strengths: *Pretending to be in ECE*

Weaknesses: *Making decisions*

The TrackOnes are the very small Lego pieces—whether it's in their tiny common room or in a variety of social groups, they can fit anywhere. TrackOnes are the most social of engineering students with the added benefit of being an enhanced breed of ECEs: they share the same coursework but TrackOnes' normal hygiene puts them ahead of the rest. They will have to learn the building blocks of programming and will master the arts of both circuits and sleeping on dirty couches. At the end of first year, TrackOnes have to choose a Core 8 discipline, but will find themselves wishing they could graduate as a TrackOne. They are able to go wherever they want (except MSE because nobody goes there). The only place off limits is EngSci—it's a shadowy place and you must never go there, Simba.



ARTSCI

Strengths: *Sleeping, free time, poetry, talking about feelings*

Weaknesses: *Finding a real job, being useful*

ArtScis are all the Arts and Sciences students who don't have the privilege of being in Engineering. They are to engineers as Mega Bloks is to Lego: the lower quality, cheaper Lego set. Our archrivals, ArtScis will have less work to do in four years of undergrad than you will in one semester. On the bright side, you will get a job thanks to all of those long nights studying instead of having lots of free time to drink. For now, protect your precious hard hat because ArtScis are notorious for stealing them.



HARD HAT DESCRIPTIONS

YELLOW

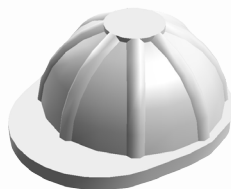
That's you F!roshie! These bad boys are given out in the Orientation kits and you decorate them come Godiva Week (in January) for the decorating competition for a chance to win even more endless bragging rights! But be careful and put a chain on it! Or dem ArtScis will try and snag it off your pretty little head. Yell "HARD HAT!" if yours is stolen. Have no fear, your leedurs will take no prisoners in getting it back.



ENGINEERING SOCIETY (ENGSOC)

WHITE - Governance

Officers of the Engineering Society and Discipline Club Chairs wear white. They are responsible for establishing and maintaining the direction and function of the Society and Discipline Clubs. The EngSoc President is bestowed with the fireman's hard hat.



GREEN - Project Directors

In charge of EngSoc initiatives and services, these people run the engineering bookstore, a café, a pub, two newspapers, a yearbook, and so much more, including this handy-dandy Handbook! Mad respect to these peeps.



ORANGE - Representatives

Orange hard hats are given to elected officials who sit on boards, councils, and groups on behalf of student voters (kind of like Members of Parliament).



These people are:

1. EngSoc Board of Directors Representatives
2. Class Representatives
3. Year Chairs
4. Engineering Directors on the UTSU Board
5. Governing Council Representative for full-time professional faculty students

HARD HAT DESCRIPTIONS

SKULE™ TRINITY

BLACK - The Cannon Guard

Protectors of our beloved mascot, Ye Olde Mighty Skule™ Cannon, wear the big bad black hats. They uphold (and so does every Skule™ student) the three tenants of the cannon: Honour it, Respect it, Protect it. Get involved and you may one day stand by its side to protect it (not to mention look BADASS).



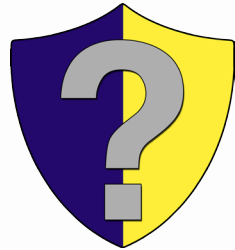
HIGH-VISIBILITY ORANGE - Bnad Leedurs

The Lady Godiva Memorial Bnad supposedly plays music, but really you grab whatever you can find, be it a trash can lid or stop sign, and bang the hell out of it. Every student is a part of the Bnad. To play with them you just need to show up!



SILVER, NAVY BLUE, LIGHT BLUE - ???

These hats do not exist. If you think you see hats like this, you've been studying far too much and need to take yourself on down to SUDS (the student pub) for a refreshing BEvERage.



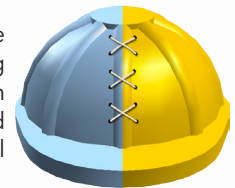
OTHER

RED - Skule™ Nite

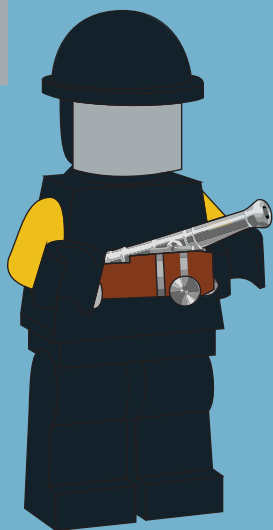
Directors and producers of the annual engineering musical comedy revue get these hot hats. You get a free Skule™ Nite ticket with your Orientation kit. Yay for being a F!rosh!



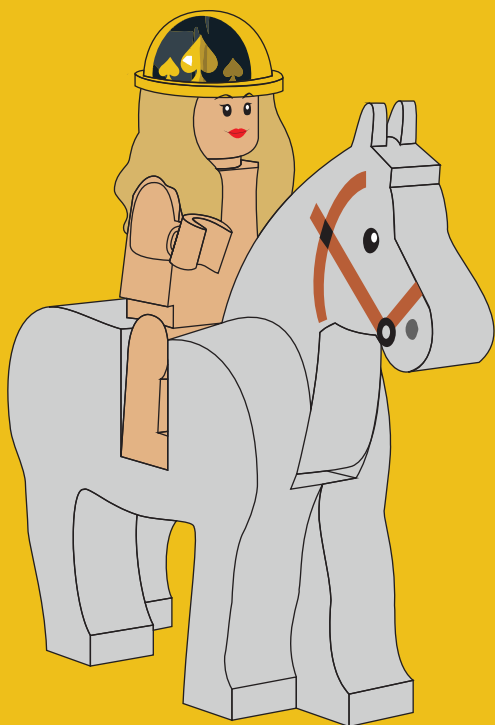
BLUE & GOLD - Mr. Blue and Gold and Godiva's Crown
Our Skule™ spirit embodied in actual people! These two hats are worn by the winners of the annual Mr. Blue and Gold and Godiva's Crown competitions during Godiva Week! If you see Mr. Blue and Gold, tell him "Drop your pants!" and he must do so on command (which is beyond hilarious). As for Godiva's Crown, yell "Godiva!" to make her click her heels!



2



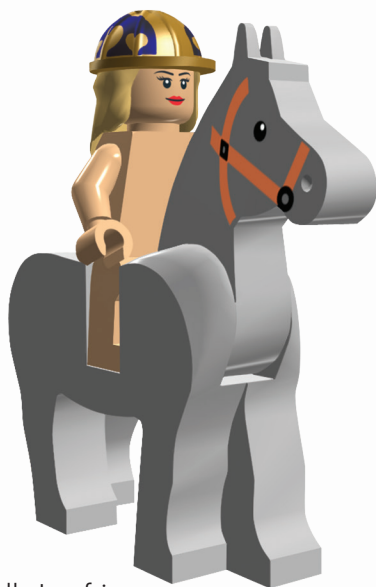
Traditions



LADY GODIVA

Lady Godiva of Coventry was an English noble-minifig of the 11th century who ruled the LEGO town of Coventry alongside her husband LeoBrick*, Earl of Mercia. Legend tells that the people of Coventry suffered from ever increasing taxes imposed by the Earl LeoBrick, so Godiva urged her husband to lower them in pity of the towns-figures. Refusing her request, LeoBrick 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. Once she had changed into her nude-coloured torso, she mounted her steed and rode through the streets. Out of respect for Lady Godiva's selflessness, the towns-figures averted their gaze as she rode. LeoBrick, a minifig of his word, lowered the taxes as had promised, and the citizens of Coventry rejoiced.

Lady Godiva is considered by our community as the patron saint of engineering due to her recognition of social responsibility. In our studies and future work as engineers, we must constantly take the needs of those around us into consideration and strive to achieve our best. As a result, many facets of Skule™ celebrate this noble woman, exemplified in the endless verses of Godiva's Hymn.



*His name was actually Leofric

IRON RING & PURPLE DYE

IRON RING

As engineers, it is crucial to remember that our work will deal with human lives and failure to do it properly (a.k.a. lack of due diligence) may have a catastrophic outcome. On August 29th 1907, during the construction of the Quebec bridge, the structure collapsed and 75 lives were lost. The tragedy was a direct result of the poor planning and design of the overseeing engineers.



In a meeting between the seven past presidents of the Engineering Institute of Canada in 1922, Professor Haultain (after whom the Haultain building is named) of University of Toronto presented the idea of having a statement of ethics to which graduating students should subscribe. With the help of the English poet Rudyard Kipling, the Ritual of the Calling of an Engineer (The Iron Ring Ceremony) was developed. In Kipling's words, the purpose of this private ritual is "directing the young engineer towards a consciousness of his profession". The details of the ritual are not to be discussed with others; however, a key part of the ritual is placing an iron ring on the pinky finger of the dominant hand, serving as a constant reminder of an engineer's moral obligation. Legend has it that the first iron rings were forged from that collapsed beam in the Quebec Bridge but today they're made from either wrought iron, or more popularly, stainless steel. In fact, Toronto is the only city in Canada where you can still get an iron ring actually made of iron.

The Iron Ring Ceremony is usually held in March and although it's not a secret, it is a private ceremony and you can only attend if you're graduating. But don't worry, keep working hard and soon you'll have your own iron ring!



PURPLE DYE

Purple and engineering have a long history together. It all began in 1863 when purple was chosen as the colour of the Royal Military Corps of Engineers. Later in the early 1900s, the marine engineers on steam ships like Titanic started wearing purple bands to distinguish themselves from the other crew. Due to the fact that these engineers had to work in the hot and humid conditions of the engine room, the purple band usually wore off onto their skin,

leaving a purple stain. Usually when something went wrong with these ships, like it did with the Titanic, these engineers had to stay behind in the engine room and if the ship went down, the engineers also went down with it. To honour the sacrifices that these engineers have made, the colour purple has become a symbol of dedication and hard work in engineering.

ENGINEERING FASHION

LEATHER JACKETS

Alright, let's get this out of the way - FIROSH CANNOT BUY JACKETS. And there's a reason behind that: these jackets are the ultimate engineering swag that you can buy (they're about \$500\$, dolla' dolla' bill y'all) so you must earn it by completing your first year! Also, a some of you will change your discipline after the first year. Do you really want to be stuck with a Mech 1T8 jacket when you're actually studying Indy? DO YOU?



Look out for the two fitting sessions for jackets (one in fall and one in winter). You can also get some cool patches from the store or give your sweet new jackets a more ghetto look by scrubbing them against anything that you find, at your own risk! The price might put you off at first but remember, jackets are an important part of the engineering culture in Canada and most major engineering schools have their own distinguished jacket, so go for it!



COVERALLS

Coveralls are the "get down and dirty" engineering outfit. Whether it's F!rosh Week or Godiva week or even just a Friday at SUDS, coveralls are never out of fashion in the engineering community. Like jackets, you have to earn your coveralls by finishing your first year, but unlike jackets they won't leave your wallets empty (they will probably cost \$40-60). There are a couple of fitting sessions towards the end of the year and a couple in the summer as well. You can also decorate

your coveralls with sick patches and stickers or even chain your hard hat to it counter ArtScis' vain attempts of stealing your shiny hard hat.

HARD HATS

There are two things that you need to know about hard hats. One, hard hats are major engineering swag so obviously those ArtScis with no swag will be trying to steal your hard hat and your responsibility as a young F!rosh is to protect it. And two, once you've successfully thwarted ArtScis' evil plans, you get to decorate and upgrade your hard hat with all sorts of cool stuff - whatever you can think of! Someone added a flamethrower to their hard hat a couple of years ago, and someone else had a fully functioning cannon on it, so the opportunities are BOUNDLESS!



SKULE™ TIMELINE

1873 - The School of Practical Science: The Ontario School of Practical Science (SPS), which was the precursor to the Faculty of Applied Science and Engineering (APSC) at the University of Toronto, was founded and occupied part of the Mechanic's Institute at the corner of Adelaide and Church Streets in downtown Toronto.

1878 - The Little Red Skulehouse: The Northern Third Engineering Building was built at U of T to house SPS. Affectionately known as the Little Red Skulehouse, it was located at the corner of King's College Road, where the Medical Sciences Building now stands.

1884 - The Engineering Society: T. Kennard Thomson, an SPS student at the time, hosted a dinner in which several students and two professors, John Galbraith and W. H. Ellis, were invited. Professor Galbraith fully supported the idea of an engineering society for SPS and called for a committee to draft a constitution for the Society. In January of 1885, the first election for the newly founded Engineering Society was held, with Professor Galbraith serving as the President. The first meeting of the society was held on March 3.

1889 - More of the Skulehouse: The rest of the Engineering Building, including the recognizable tower on the east side of the building, was completed.

1889 - Student President of the Society: Professor Galbraith, feeling that the Engineering Society was capable of running with a student as the president, steps down. An election was held and H. E. T. Haultain became the first student to serve as president for the Society.

1891 - School Colours: The Engineering School colours were selected as blue and gold; they are still the same colours used by the Engineering Society today.

1906 - Welcome to U of T: On June 20, the School of Practical Science formally became part of the University of Toronto. It was 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 created an election paper for the student body, known as the Toike Oike. The origins of the word are not completely known, but there are legends about the source of the name. Toike Oike later became the 'official' paper of the Engineering Society, presenting both humour and school-related news.

1920 - "Toike oike, toike oike; Ollum te cholum te chay!": The Skule™ Yell was heard for the first time.

1921 - Skule™ Nite: "Ngynyrns in SPaSms" has its first showing at Massey Hall on March 2. It would later go through several names and eventually become Skule™ Nite, with an annual show for the most part.

1936 - Ye Olde Mighty Skule™ Cannon: While cannons had been a large part of life at SPS since 1899, it wasn't until 1936 that the Mark I Cannon made its first appearance. It was built by a machinist in the mechanical department, and boasted a 10" barrel with 6" bore, and 8" x 4" x 1" base, and was built a few hours before the School Dinner held on November 20.

1949 - LGMB: The Lady Godiva Memorial Bnad (sic) was founded by A.J. Paul LaPrairie, and made their first appearance at the Homecoming Parade that year.

SKULE™ TIMELINE

1966 - End of an Era: The Little Red Skulehouse, with its deep connections to Skule™, was torn down to make way for a new Medical Sciences building. It was the last major link to SPS that Skule™ had, it was after this occasion that any opposition to the name Skule™ vanishes.

1977 - Fire in Sandford Fleming: In the early morning of February 17, a fire broke out in the wall of the northeast lecture hall in the building (where SF1101 now stands). Undetected, it spread through the building, destroying student space, a portion of the Engineering Society space (including archives), and the offices of many graduate students and professors.

1982 - Waterloo Tool Stolen: Waterloo engineers cried about a large wrench.

1984 - Skule™ Trademarked: The Engineering Society obtained the trademark on the name Skule™.

2000 - Queen's Grease Pole Stolen: 2000 saw the famous Queen's Grease Pole Liberation. A small section of the Pole was cut off and kept by us before the Pole was returned. Part of a piece was sold on eBay, the other part was added to the belt worn by the Chief Attiliator, where it can be seen to this day. The belt, incidentally, was the chain that once protected Waterloo's Engineering mascot, the Tool, before it too was liberated.

2008 - Engineers Remember the Wars: Remembrance Day in 2008 marked the 90th anniversary of the end of the First World War. The engineers decided to pay their respects by arranging 628 crosses in Front Campus as a memorial of the students, faculty, alumni, and staff who lost their lives in WWI. Despite going against University policy of obstructing Front Campus during Fall Convocation, the installation was granted a one day exception to allow the memorial to stay.

2008 - Sword in the Stone: After being removed by the university twice, a major symbol of Skule™ spirit, the Sword in the Stone, was finally resurrected in the Galbraith Quad. It stands 10 feet tall and is inscribed with the quote: "For he that is blemish with this brode brande blinne shall he never." The quote is translated as "For he who is wounded with this broad sword shall never cease bleeding." Go see it some time!

2011 - Sword in the Stone II: In retaliation to a "prank" by McMaster, we decided to show 'em how pranking is really done. We gave them their very own Sword in the Stone! Six brave students installed the 1600 lbs monument in front of the Mac engineering building and were able to evade campus police by pretending to be a construction company finishing a rush order on a Sunday afternoon.

2012 - Sword in the Stone III: After the success at McMaster, it was decided that Waterloo deserved similar treatment. A BFC crest on the concrete base and the words Disrupto Ergo Sum were engraved on the hilt of the Sword. Disguised as construction workers, the installation was completed within the span of just one hour on a Friday afternoon. In retaliation, Waterloo installed a fully functional fountain in Sandford Fleming Atrium in the middle of the night.

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

2014 - Class of 1T8: What will you add to the list?

YE OLDE MIGHTY SKULE™ CANNON

A rousing chorus, an emphatic drumroll, and a lone voice cuts through the cacophony: "FIRE IN THE HOLE!" The earth trembles and, with a crack of thunder, billowing smoke rushes high into the sky. A formidable sight, to be sure - it is YOUR engineering mascot, Ye Olde Mighty Skule™ Cannon.

The Cannon has been a proud tradition of Skule™ since 1929 and the honour of the Cannon has been defended by multitudes of engineering students throughout those years. As the might and glory of the Cannon have grown, so too have the number of rivals that would wish to liberate it from us. Shortly after its creation, the need to protect our mascot was realized, leading to the formation of the Cannon Guard. Throughout the decades, various groups have made feeble attempts to capture the Cannon. Though jealous faculties within the University of Toronto have, on rare occasions, been successful in taking the Cannon, no other university can make the same claim. Indeed, the Cannon has not been touched by unworthy hands in over two decades. It is due to the devotion of the Skule™ community that the Cannon has never been stolen without it promptly being retrieved or returned to us.

The Cannon serves as a symbol of dedication and perseverance. The thundering roar that tears across campus represents the undying spirit of the engineering student. As the most challenging undergraduate program at the University of Toronto, engineering requires rigorous study and hard work. Engineering students develop an iron will and a steadfast determination to succeed. The Cannon embodies the attitudes of the engineering student body: Nothing gets in our way. You are about to embark on a journey, and you will help forge the destiny of Ye Olde Mighty Skule™ Cannon. Throughout your time here at Skule™ you will undoubtedly encounter the Cannon and its guard. When you do, remember that every member of Skule™ is a member of the Cannon Guard. Built on tradition and thriving on spirit, it is a common bond that unites our engineering community. It represents our strength, our unity, and our dedication. Let the crack of thunder and billow of smoke be a constant reminder of your pride as an engineer.

HONOUR IT.
RESPECT IT.
PROTECT IT.

Chief Attiliator 1T4-1T5



A BRIEF HISTORY:

1929: Hart House Cannons Fired

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

1931: Smaller Cannon Makes Appearances

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

1941: UC Steals Cannon

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 into the rightful hands of the engineers.

1949: The Cannon Disappeared into the Meds' 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: Cannon Stolen and Taken To England

The most infamous Cannon steal of all. Capitalizing on a lapse in security, two graduate engineers spirited away 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: Cannon Stolen by Fahrenheit 1710; 1994 Cannon Forged

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 ArtScis rule. The demands were, of course, ignored. 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 post-graduate Engineers.

2000: The Famous Queen's Grease Pole Liberation

A small section of the Pole was cut off and kept by us 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: Replica Presented to Retiring Campus Police Sergeant

Sergeant Steve Cox, an officer of the University of Toronto Campus Police and a major ally of engineering, retired from service. To thank him for his service, a 50% scale of the 1984 Cannon was 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: A Summer of Liberations and the Mighty 1T3 Skule™ Cannon Forged

The Waterloo Tool is liberated, later followed by the Ryerson Ram, marking two engineering mascots liberated from their respective universities in one summer. Meanwhile, after 15 years of service, the 9T8 Cannon is replaced by the 1T3 Cannon at Matriculation during Orientation week. It is brought into service and fires alongside the 9T8, 8T5, and 7T3 Cannons. Part of the ring on the Ryerson Ram is removed and is added to the belt worn by the Chief Attiliator.

As you can see, 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 the most 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.

LADY GODIVA MEMORIAL BNAD

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**; 5**~≡**♫H·∴\~∴---**~≡≡X\°, 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 NUDE ALL THE TIME!** Vanier Cup rejecting, *premium beer selecting*, **GODIVA RESURRECTING**, tastes good with pectin; 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**; 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; **GAMECUBE PLAYING**, **TROGDOR SLAYING**, ArtSci 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! deflowering; **FUNERAL HALTING**, mascot assaulting, BEvERage malting, ArtSci insulting, **CN Tower**, **Skydome**, **Eaton Centre**, **Pratt Building**, **Four Seasons**, **Innis Condo**, **Scarborough RT**, **Bahen Centre for Information Technology**, **Ontario University Fair**, **Varsity Stadium**, **Skule™Nite**, **Spadina streetcar** and **Sheppard subway OPENING...**

...AND SUBWAY CLOSING...

LADY GODIVA MEMORIAL BNAD

RENEGADE MUSICAL TERRORISTS, MARCHING GREGORIAN CHANT SOCIETY, AND WHITE NOISE BRIGADE!



Da LGMB iz da best whey too git involhved inn ahll da phun tings wee doo heer inn Engineering. Wee arr ah crayzee mixxx betwixt ah marrchyng bnad aynd ah spearit groop! Da LGMB iz ah reel eezy cluhb too joyn; thair arr absohloutly noe comitmintns rechoired, soh yoo juzst sho up aynd hav phun! Weev goht ahll dee instruhments yull ehvar kneed (trupits, trombonez, floads, aynd muhch muhch mohr!) aynd wee guarantee yoov goht awll da talunt yooll evur kneed!

Wee attend krash tuns uv uhvents dooring thuh yeer! Bassketbawll gaymez, ruhgbee champeenshyps, charutee uhvents, paraids, wyne & cheeses, ceruhmoanees, aynd futbawll losses awll pheel ovr moozical prezenns!

Howe doo yoo sin(up)? Evurree Engineering stoo dent iz awlreddy uh member uv da LGMB! Goh too r websihgt (lgmb.skule.ca) to sin(up) fur da mailin list nd loohk owt fore LGMB annoucnemints during F!rosh Week aynd throo - owut thuh entire yeer!

Letts Boogy Loo!!!

Thomas Santerre
Bnad Leedur

Yinky Chan
D(r)umb Majur(k)

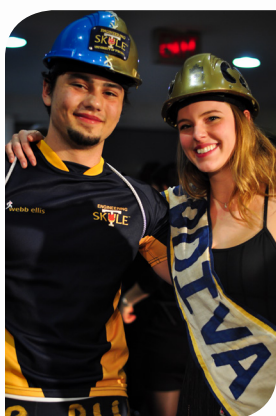
Aaron Weber
Joonyur Bnad Leedur

Find sheet music at lgmb.skule.ca



GODIVA WEEK

Greetings young F!roshlings. We're going to do a little imagination exercise right now. You ready? You sure? OKAY. Here goes. Step 1: Close your eyes. Did you do it? You promise? Then how are you reading this? Goddammit F!rosh, pay attention. OKAY. Now, Step 2: Imagine the greatest week of your life – wait no, the greatest week of ANYONE'S life. Have you got it? OK, good. Last step! Now, what I want you to do is add 10 to the awesome, to the cool, and to the sexy in your imagination. This insane week is more unreal than that! There you go, that's Godiva Week. Now, for those of you whose feeble minds could not handle the pure truckload of awesome that my little exercise forced you to imagine, I'll attempt to describe Godiva week to you in mere words.



Godiva Week /gə-ˈdī-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.

Now F!rosh, how do you suppose we start off the most glorious of weeks? With the most glorious of theorems of course! The Fundamental Theorem of Calculus is read during the first event of Godiva Week: Godiva's Resurrection. After this inaugural event, Godiva Week is officially begun and five days of incredible fun ensue. Events during the week include: Ye Grande Olde Chariot Race, F!rosh Hard Hat Decorating Competition, Ultimate F!rosh, Godiva's Quest, Mr. Blue and Gold, Godiva's Crown, Charity Stores and Date Auctions, and the Charity Car Smash. As you can see, there are a crap tonne of events to go to, and some of them are even for charity! (Aren't engineers just the sweetest?) The

middle three events (Ultimate F!rosh, Mr. Blue and Gold, and Lady Godiva) are arguably the most interesting since the winners of these competitions receive yearlong honours and the privileges of representing Skule™ at various events. Ultimate F!rosh is an evening of F!roshtastic challenges, ending in one champion – the Ultimate F!rosh – who receives a custom hard hat and is required to jump up and down whenever someone asks him/her to do so. Think of the calves you will build after 6 months of jumping! Mr. Blue and Gold is a more prestigious title to hold and, along with Godiva's Crown, the winner is a figurehead for Skule™ spirit. The gentleman crowned Mr. Blue and Gold has the privilege of dropping his pants whenever he is asked for the next 365 days. Godiva's Crown is of similar respect as Mr. B&G, and is a competition among the ladies of engineering, the winner of which must jump up as if they were on a horse and scream their title whenever somebody yells "Godiva!"

So that's Godiva Week! I'm getting excited just typing this out. But you know what the best part is? SUDS is open not once, not twice, not three times, BUT EVERY SINGLE DAY DURING THE WEEK. THAT'S FIVE TIMES MORE SUDS THAN NORMAL. I'm pretty sure having this much fun is illegal. Enjoy, young F!roshies!





Mario's Bakery



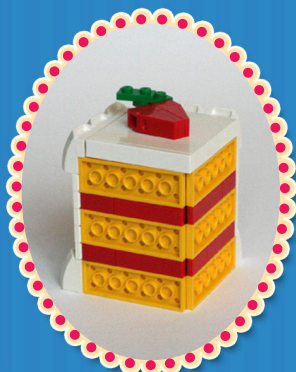
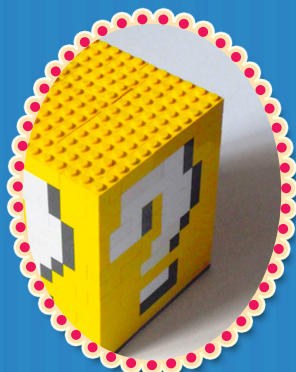
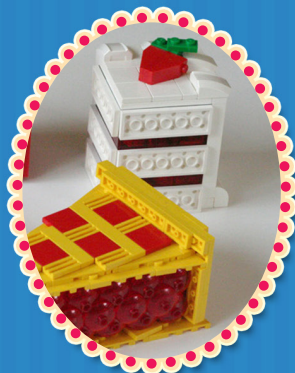
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Being an engineering student at U of T is one of the most honourable titles you can receive. As such, other, lesser individuals sometimes try to disrupt our peace and pride out of jealousy. And because of this, you will sometimes find yourself in a position where the honour of Skule™ must be defended. Are you scared, F!rosh? Well you shouldn't be! This page of the Handbook will describe to you the Skule™ Hierarchy, an ordered list of items to be protected in case any threats (ArtScis, zombies, werewolves, calc midterms, etc.) threaten to snatch Skule™'s great artifacts or dishonour our glorious home. So without further ado:

THE SKULE™ HIERARCHY

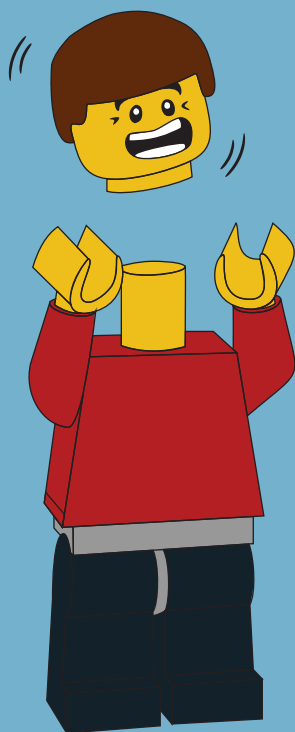
1. THE MIGHTY SKULE™ CANNON
2. The Engineering Flag
3. The Bnad
4. Your Hard Hat
5. You

If THE MIGHTY SKULE™ CANNON is present, it must be protected at all costs – it is our greatest treasure and its safety is of upmost importance. Once the cannon's safety is ensured, our next priority is the flag. Up next is the Bnad, who will need protection because (contrary to popular belief) it is not easy to defend yourself against a man-eating alligator with a \$200 horn in your hand or while shredding on the drums (even if you are female). Finally, you must protect your hard hat out of respect for its protecting of you from drunken stumbles or falling textbooks. Once items 1-4 are safe and secure, head to the nearest sanctuary or bar for your convenience. You have your orders...



3

DON'T LOSE YOUR HEAD OVER
ACADEMICS



PRE-CLASS CHECKLIST

"So which type of calculator are we allowed to use?" - One of many questions students who do not read the pre-class checklist will ask. This section may be the difference between you looking smart or looking like a big buffoon.

- ☐ **Pens and pencils** - These can be used to write. We recommend you use them to write.
- ☐ **Something to write on**, preferably lined paper or a notebook - You'll need this a lot; for those of you worried about the environment, you should probably be more worried about keeping track of lecture notes.
- ☐ **Binder/Clipboard** - For storing your notes...if you take any. (Seriously though, please do take notes.)
- ☐ **Stapler** - For CIV100/CIV102 weekly homework. Get this and you'll be the most popular F!rosh on campus. Charge \$0.25 per staple and you can eventually buy yourself a curry bowl from Veda.
- ☐ **Engineering notebook and paper** - Sold at the Engineering Stores. For CIV100/CIV102 homework (and because it looks legit).
- ☐ **Backpack** - This handy-dandy little 21st century tool can be used to carry your stuff around. Buy a soft one so you can also use it as a pillow.
- ☐ **Faculty-approved calculator** - Casio 260 or Sharp 520 (any suffix will do)
- ☐ **T-Card** - MEMORIZE your student number and don't forget to bring it to midterms, exams, etc.
- ☐ **Most up-to-date timetable on ROSI** - You don't want to go to the wrong lecture!
- ☐ **A map of the U of T buildings** - Don't expect that your classmates will always know where they're going - they're F!rosh too! Check out the map at the back of this book!
- ☐ **Food** - Make sure it's healthy. Neither the Blue Food Truck nor Ken Ho's Food Truck fall under this category.
- ☐ **Caffeine** - THIS IS YOUR POWER SOURCE.
- ☐ **Tylenol/Advil** - You'd like to tell yourself you won't need these, but wake up and smell the chalkboard.
- ☐ **Sleep** - You should spend some extra hours before Skule™ saving up on this. You'll need it, especially for APS111/112 or Praxis assignments.
- ☐ **Earphones** - To block out the sound of those noisy gamers playing in the computer labs.
- ☐ **A sense of humour** - Some professors allow it, others won't. We'll let you figure it out!



MASTER BUILDER'S TIPS

- You can go to a different professor's lecture!
- You don't have to go to class, but it'll probably help.
- Two words: Wolfram. Alpha.
- You'll have the same classes with the same people, so figure out who to stalk and follow them to all your lectures!
- Go to office hours. Seriously.
- You should probably do your homework.
- MC252 and MC254 are not on the second floor...
- Don't use the elevator in Haultain unless you want to have a panic attack.
- You don't need to lug your textbooks around everywhere! A lot of common rooms will have a copy of your textbooks, or you can use PDFs on your laptop.
- Study on the upper floors of Bahen. It's quiet and you'll feel like a smarty pants U of T Graduate student.
- Ken Ho's food truck will give you diarrhea.
- U of T's WiFi is incredibly fast. If you have some heavy (legal) downloading to do, do it at school.
- Join clubs! You'll meet all sorts of incredible people.
- Though it is a highly controversial topic, a Mac will serve you just as well as a PC. Don't let them put you down!
- Each practical may not be worth much individually, but when you add it all up, doing well in your practicals could be the difference between passing or failing a course!
- Upper years are friendly. I promise we don't bite.
- Make friends. Friends are fun!

TEXTBOOKS

Textbooks: Also known as those things you pay hundreds of dollars for but never really use and just get eaten up in your bag.

Be(er) aware of what textbook is required! Because you might get duped by upper years into buying the wrong edition, or sometimes the wrong textbook entirely! You've been warned - if you waste your money on an outdated version, you'll have a \$200 door-stop. Ballin'.

Textbooks are reference texts for the course that have been selected by the course coordinator. This means that you can be (somewhat) sure that most of the testable course content is covered by the textbook. Although obtaining textbooks is not mandatory, it is strongly recommended. There are a few ways to obtain textbooks:

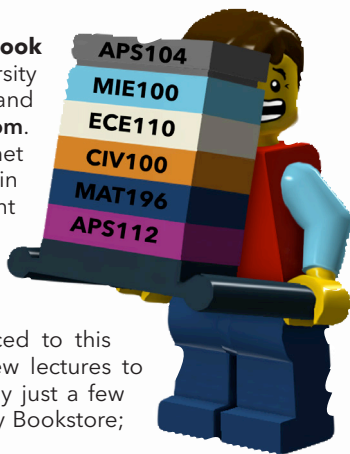
1) University of Toronto Bookstore - If you want to pay a ridiculous mark-up on textbooks that are already ridiculously expensive to begin with, head to the university's bookstore in the Koffler Centre next to Bahen. Don't actually go here unless you absolutely have to.

2) Engineering Stores - Located in the basement of the Sandford Fleming Building, Engineering Stores, a service of the Engineering Society, sells new first year textbooks cheaper than you'll get them anywhere else, along with a lot of other Skule™ swag (e.g. T-shirts, coveralls, leather jackets, patches, stationery). They even give discounts to those who pre-order all of their textbooks at once! Keep an eye on stores.skule.ca!

3) Upper Years - Upper years are always willing to sell their textbooks. Since the books have been used before, the prices that upper years offer will easily undercut both the Engineering Stores and the University Bookstore. But that might mean putting up with some wear and tear, folds, creases, writing, etc. Moreover, the different discipline clubs hold events called 'book smokers' (don't worry, no tobacco involved!) where you can buy textbooks from upper years. Look out for more info during F!rosh Week!

4) TUSBE (Toronto University Student's Book Exchange) - TUSBE is kind of like Kijiji for university students in Toronto who are looking to buy and sell textbooks. Check them out at tusbe.com. However, exercise caution and proper internet safety when using TUSBE. Meet with the seller in a public place and make sure you get the right edition!

5) Discount Bookstore - Located at 229 College St. (basically across the street from the University Bookstore), you'll be introduced to this store when 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; so it's a discount bookstore, but barely.



ECF LABS

ENGINEERING COMPUTING FACILITIES

The ECF labs can be hot and crowded; they are often smelly and slightly unkempt. They are now your new best friend. You will program in these labs, you will have class in these labs, you will spend free time in these labs. You will spend a lot of time in them submitting last minute assignments and often screaming at the computers when ROSI is down. Embrace. Feel. Love the labs.

WARNING: No food in the labs. Or you'll get banned. And that sucks.

DEPARTMENTAL LABS

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

ECE students also have access to their own labs in SF/GB, separate from ECF.

Most labs have Linux computers, but some have Windows as well. If you're a "power user" of your computer, know that not all of the shortcuts that you use will work on Linux! Also know that the Linux computers don't have all of the programs that you're used too— including the Microsoft Office suite.

PRINTING

Every term, you are given a printing quota (around 900 pages) to print for free from the ECF Labs. For every 100 pages you exceed this quota, you are charged \$5, but don't worry, there are ways to reduce your paper usage, such as printing multiple pages on one sheet or printing double sided (engineers go green!).

MASTER BUILDER'S TIPS

Keep in mind that the ECF labs can get quite busy, so you should expect to have to wait a little while if printing there. Download CitoPrint to track how busy the labs are (see **Apps** on **page 119**), and consider visiting the typically less crowded Departmental Labs.

If you want to go even greener and save even *more* paper, most labs have a one-sided paper bin containing recycled papers. These are perfect if you find yourself out of paper and faced with an imminent lecture! Feel free to leave your own one-sided scrap paper in the bin for fellow engineers.

As for colour printing, check out the ECF Main Office in EA212. But watch out - each page you print there (colour *and* black/white) counts for two pages of your quota.

LOGGING IN FOR THE FIRST TIME

Username: your UTORid (check your TCard!)

Password: XXXXMMDD - The last 4 digits of your student number (XXXX) and the four digits of your birthday month and day (MMDD).

ACCESSING ECF FROM HOME

REMOTE DESKTOP FOR WINDOWS USERS

To access the Windows ECF labs at home, visit ssl.ecf.utoronto.ca/ecf/services/rd and select an available workstation. This will download an .rdp file which you can run. Now simply log on as though you're in a Windows lab, and voilà - you're in! You can access applications like MATLAB or transfer files between your ECF account and home computer. However, be warned: remote access will cause applications to run slowly compared to direct ECF access.

SSH: CONNECTING TO LINUX

To access the Linux ECF computers from your home, you can use a program called an SSH client, like PuTTY, downloadable at <http://www.chiark.greenend.org.uk/~sgtatham/putty>. Download putty.exe, and just save it somewhere—there is no installation. To access your ECF, just type “pine” once you're logged in. If you want to transfer files between your ECF and your home computer (like for compiling those annoying C code assignments from home), you'll need to download WINSCP, but it has a rather intuitive interface so it's easy to pick up quickly.

USING PuTTY

Start the program and then enter the following info on the main screen:

Hostname: remote.ecf.utoronto.ca | Port: 22

The SSH button should be selected. Click keyboard in the panel at the left, then set “The Backspace Key” to “Control-H” (don't ask why, JUST DO IT!). Click open and then enter your login and password. Once you're in, you can access the terminal of the ECF computer just like at the labs.

WIRELESS INTERNET

Free WiFi! Free WiFi! FREE WIFI! Yes, this is one of the perks that comes with all of that money you paid for tuition. The U of T wireless network is accessible on any device that has wireless capability. You can sign in with your UTORid and password. Check out wireless.utoronto.ca for set-up help or extra information on wireless coverage. Now you can download everything on the University internet! Have fun!

AWARDS & SCHOLARSHIPS

There are several awards and scholarships you can apply for to help you pay for school. There are in-course awards and scholarships purely based on academic performance, which everyone is automatically considered for based on their grades. Then, there are scholarships that are awarded based on involvement in extra and co-curricular activities, which are based on your ePortfolio.

The Ontario Student Assistance Program (OSAP) **osap.gov.on.ca**

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

University of Toronto Advanced Planning for Students (UTAPS) | adm.utoronto.ca/financial-aid/u-of-t-advance-planning-for-students-utaps/

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 (OSOTF) Awards

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

Faculty Grants | www.adm.utoronto.ca/financial%20aid/undergraduategrantapp.pdf

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).

In-Course Scholarships (ePortfolio) | <https://www.apsc.utoronto.ca/ePortfolio/>

Students in the faculty are considered for scholarships and awards based on their extra-curricular activities. Please ensure that your online Engineering Portfolio is complete and up-to-date. It must be updated by the beginning of June (after the school year has ended). To be considered for these, you must fill out your ePortfolio by the beginning of June (after the school year has ended). It is a lot like the extra-curricular activities section of the SPF you filled out in order to apply to Skule™, and it is used by the selection committee to make decisions about any scholarships related to extra-curricular involvement. **No matter what, always fill out your portfolio; you won't get considered for anything if your portfolio is blank.** *Note this is only available to students in second year and above.*

External Scholarships, Awards, and Grants | canlearn.ca

Look at other websites for more information. Students should also check the scholarships bulletin board located in the Galbraith Building, outside room GB153 for information about external scholarships for which they may be eligible.

UTSU Book Bursary | utsu.ca/book-bursary

Offered by the UTSU and U of T Bookstore, this bursary is a partial reimbursement for the costs associated with purchasing textbooks.

ENGINEERING BUILDINGS

NOTE: See the back of the Handbook for a map of all the engineering buildings!

Bahen Centre for Information Technology (BA)

One of the newer and more isolated engineering buildings, Bahen (pronounce bay-en) is the building that you'll recognize from the viewbook that was sent to you in the mail. Bahen houses the EngSci common room and offices as well as an ECE study hall. It also has a multi-faith prayer room and the Cube restaurant. Bahen's study spaces are used by many students, whether it's for studying or sleeping. Shai Cohen might point out some of the building's design flaws, but it has the comfiest chairs and benches.



Convocation Hall (CH)

Commonly referred to as Con Hall, this is the first building you will step into at U of T during matriculation and the final building you leave during commencement. Con Hall is also home to that three times weekly 9AM APS111/112 lecture that all Core 8s and T1s dread. With enough seats to accommodate well over 1000 students, you'll truly feel small in this hall, but the architecture is stunning and it will give you a nice little bragging right to say you had lectures in Con Hall. While the

majority of the students will use this class to socialize, kick up their feet, or nap, if you pay attention once in a while you might even find it interesting. Enjoy Con Hall while you can, because after first year you won't return to those hallowed halls until fourth year when you graduate! Well, that's assuming you make it to fourth year. As for you EngScis, matriculation and convocation may be the only Con Hall action in your entire Skule™ career, so cherish those brief moments while you can! A tidbit of trivia - the *Mathletes* competition scene in the movie *Mean Girls* was filmed in Con Hall!

Engineering Annex (EA)

EA is located between Galbraith (GB) and Wallberg (WB). If there's an issue with your ECF account or if you want to print in colour, you can go to the ECF office in EA. This mysterious building houses various school clubs such as the Blue Sky Solar Racing Car. Linked to EA is the Pratt Building (PT) which in turn is also attached to Wallberg (WB) and Sandford Fleming (SF). Pratt has many MSE labs and is mainly used for Graduate Studies.



ENGINEERING BUILDINGS



Galbraith Building (GB)

GB is attached to Sandford Fleming (SF), and is home to the CIV common room and many CIV labs. It is one of the main engineering buildings because it houses many of our Faculty's administrative offices, such as the Office of the Registrar, the First Year Office, and the Admissions Office. If you need help with ESP/Praxis or Calculus, GB has a number of Academic Services, such as the Engineering Communications Office and the Math Aid Centre. Some Windows ECF labs are also located here.

Haultain Building (HA)

Infamous for having the sketchiest elevator in existence and looking like a converted insane asylum, if you ever have a tutorial or exam on the fourth floor of HA, take the tiring trip up the stairs. Trust us - it's the better choice. HA is located in the alleyway between the Mechanical Engineering Building (MC) and the Mining Building (MB), so it can be hard to find since the not-so-obvious main entrance looks like a side door for the Mech Building (MC).



Mechanical Engineering Building (MC)

MC is known to have two of the most difficult-to-find lecture rooms (MC252 is not on the second floor!!) with the broken and missing seats, and a lack of AC in the summer. The infamous second-and-a-half floor also has a magical bridge that leads to the MIE common room in the Lassonde Mining Building (MB). On the other hand, MC also has one of the biggest lecture rooms in the Engineering buildings with the comfiest seats for napping.



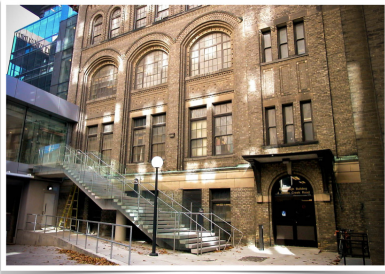
Lassonde Mining Building (MB)

Home of the elusive Mineral Engineers and Min common room, MB is also where the MIE common room can be found. You can see the development of mineral engineering over time on the first floor's Canadian Mining Hall of Fame. Also take a ride in MB's glass elevator and experience the most powerful water fountains you can find on campus!

ENGINEERING BUILDINGS

Rosebrugh Building (RS)

RS used to be an electrical building, but now has many MIE classes and is infamously difficult for newcomers to find. There is an elevator that is “Staff Only”, so be prepared to get a workout. Through RS, you have access to other buildings. It is connected to MC and MB through bridges, and MB has a bridge to HA. Bonus: it’s right beside the MedSci building which houses the closest Tim Hortons and Starbucks in relation to the Engineering buildings.



Sanford Fleming Building (SF)

As an engineering student, you will find yourself spending a lot of time in SF. Its basement (known as “The Pit”) is the centre of Skule™ life because many events are hosted here, especially during Frosh Week and Godiva Week. You will usually find students eating, studying, building, or drinking BEvERages in the Pit. The Engineering Stores, Hard Hat Café, Veda, and SUDS are located in the Pit, along with the Engineering

Society Office, the Engineering Communications Room, and the Bnad Room. SF is also home to the big Linux ECF lab and the Engineering and Computer Science Library. Your T-Card gives you external access to SF 24/7, which also allows you to access GB, Wallberg (WB), Pratt (PT), and EA.

Wallberg Building (WB)

Known for being the longest engineering building (it stretches a block long!) and having some of the nicest bathrooms, WB is home to Chemical and Materials Engineers because most of the Chem and MSE labs and common rooms are located here. You can even find some extra Windows ECF labs here that not many know about. It’s likely that you’ll have a tutorial in WB at some point or another, some of which are located in lecture-style rooms. WB is connected to Pratt and there is a bridge between the third floor of WB and second floor of SF for those of you who fear the outside world.



STUDY SPACES

Bahen Upper Floors

Floors 3-8 of Bahen are the mysterious floors where you'll never have class but will find some wonderful hidden spaces to study in peace and quiet. The 3rd floor has intimate wall cubbies to study in and the 6th floor even has a dedicated mathematics library which can be your own personal hideaway.

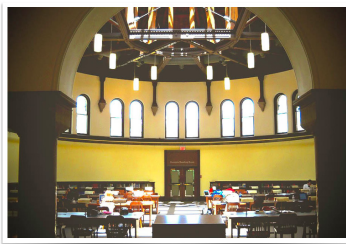


Engineering and Computer Science Library

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

Gerstein Science Information Centre

A small walk out of the Engineering buildings, this library is primarily an ArtSci library. However, it offers an incredibly peaceful, quiet environment to get productive work done with dedicated quiet areas and a multitude of private study rooms which can be booked online or in person.



Hart House

While it may be a 5-10 minute walk north of the Engineering buildings, it is well worth it. A landmark of the U of T campus, it offers a maze of rooms for studying, and also acts as the community centre for all of U of T. Besides rooms to study in, they regularly offer fitness classes, free gym access, and even free massages on Mondays!

Robarts Library

Rumour has it this building was designed by a man who designs prisons and in the fifth Resident Evil movie it was featured as a prison (so let's connect the dots). Venture into the upper stacks of this gigantic library and get lost in the maze of books and study until 3AM cramming for that next exam. On the bright side, there is a Starbucks on the main floor!



COMMON ROOMS

Most common rooms are pretty dirty and loud (with the exception of the SPOTLESS EngSci Common Room), but all are tons of fun (with the exception of the BORING EngSci Common Room)! If you're interested in telling yourself that you're going to "study", then the common room is for you! A wonderful place to socialize, gossip, and complain about how ridiculously hard that last exam just was.

Your discipline common room will be a place you either love or dread, but either way it is yours, so make the most of it! Take advantage of these rooms and build a strong sense of community with fellow members of your discipline.

Discipline Common Rooms:

Chemical	WB 238
Civil	GB 123
Engineering Sciences	BA 2128
Mineral	MB 131
Material Science	WB 143
ECE	SF B650
Mechanical & Industrial	MB 225A
TrackOne	SF 1106A
All Disciplines	The Pit! (SF Atrium)



TIMETABLE GUIDE

There are three different types of classes that you'll have as an engineering student at the University of Toronto: LEC, TUT, and PRA. These stand for lecture, tutorial, and practical, respectively.

Lecture (50 Minutes)

Your lectures will typically be between 100-150 students and in the case of ASP111/112 there will be close to 1000 students. In lectures, the instructors (professors, guest lecturers, or PhD students) cover most the material that will be tested. The lecturer does not have enough time to go in depth, so you had better study on your own time! The material on the board is not everything!

Tutorial (1-2 hours)

Here is the time to ask your TAs for help on assignments and go over practice problems. Some TAs come prepared with lesson plans, but they are more than happy to take up your questions as well. It's strongly recommended you attend tutorial. You can treat tutorial as your own personal study time, but with a really helpful person wandering around that you can talk to and ask questions. Tutorials are also the time when quizzes happen and when course work is handed back.

Practical (2-3 hours)

Practicals are "labs". They are hands-on course work that helps you understand concepts in real time without being theoretical in a standard classroom. These are basically acid and base reactions in high school chemistry and building circuits like in physics. Lots of labs have a prep component where you need to have done some work beforehand or have printed out lab sheets. Make sure you do that.

Free Time! (Surprisingly a lot)

As an engineering student you will have approximately 30 hours of class a week but inbetween all these lectures, tutorials and practicals you will have hours and hours of free time! While you may be tempted to just catch up on sleep or hang out with friends (which you definitely still should), try to take advantage of this time! Study and review some course material and you'll be surprised how much less homework you'll be stuck doing at home. You even might be able to get to sleep at a reasonable hour!

CORE 8 ANTI-CALENDAR

The Faculty may have sent you a lovely outline of all the courses you will be taking throughout first year with all the course descriptions. We, the loving Handbook committee, have taken it upon ourselves to provide an honest review of these courses. You're welcome. The bricks represent the course difficulty (easy to hard), workload (none to too much) and value of the course lectures, tutorials, and practicals (none to a lot).

APS104 | Introduction to Materials and Chemistry



Taken By: ECE, T1

Aids: Wikipedia, Mirkovic's Powerpoints, Textbooks

Difficulty ■■■■

Workload ■■■■

Value of LEC/TUT/PRA ■■■■■■

Quote: "75% Chem & 75% Materials. Yup. 150% course to learn" - Crying students

The first half of the course is material science which seems simple enough. Then, as the weeks pass by, the equations continue to pile on...and on...and on. Before you know it there are close to a hundred equations on your cheat sheet and you're staring at the paper wondering, "Did we even learn these?" THEN the Chemistry portion of the course appears and good luck with life. Isothermal, isobaric, isochoric, I so confused. Stay on top of this course because you will quickly fall behind. In your tutorials you will have weekly quizzes which help keep you on top of the material at least. I wish you good luck and brace yourself for the second APS104 midterm because you have not experienced failure until you have experienced this midterm.

APS105 | Computer Fundamentals



Taken By: ECE, T1

Aids: Google, YouTube, Friends who can program, Computer

Difficulty ■■■■

Workload ■■■■

Value of LEC/TUT/PRA ■■■■■■

Quote: "I have no idea why my code is working." - Everyone in the ECF labs

Do you want to make the next Flappy Bird and make millions of dollars? Do you want to be the next Zuckerberg and rustle everyone's jimmies by buying Oculus? Then APS105 is where you start! You'll be learning C, a language which university kids have been learning since Bill Gates was in school, so don't expect any fancy green text, CIA-esque coding. If you've had any prior experience with programming, you'll probably be able to coast through this course but expect a few new concepts as well. If you've never programmed, don't worry. The lectures and tutorials are very helpful and once you get past the "What the hell is a variable?" phase, you'll be fine. Just remember to do the assignments on your own. DO NOT copy off of your friends or the internet because the professors do have legit plagiarism catching codes that will catch you. Don't believe me? Last year over four dozen students were caught for plagiarism. Trust, it's not worth it. But practice makes perfect and before you know it, you'll be coding like Neo, creating algorithms for games in which the computer can actually make intelligent moves!

CORE 8 ANTI-CALENDAR

APS106 | Fundamentals of Computer Programming



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

Aids: Google, YouTube, Friends who can program, Computer

Difficulty ■■■

Workload ■■■■

Value of LEC/TUT/PRA ■■■■

Quote: "I don't like to use computers when teaching computer programming" – Prof Sinnathurai

It covers a lot of the fundamentals of C programming. By the end of this course, you will brag about making a program that solves a quadratic equation or counts the letters in a word. For those of you with pre-university programming experience – this stuff's pretty easy, right? Right, but bear in mind this is U of T and it ain't no cakewalk, so practice as much as you can and don't slack off. Labs are the best part of this course; you get marks for showing up! The worst part of this course is bearing all the remarks from your T1/ECE friends who went through APS105 and won't stop complaining about how much harder it was for them.

APS111 | Engineering Strategies & Practice I



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

Aids: Good TA, Bell curves, Positive attitude, Good luck!

Difficulty ■■■

Workload ■■■■

Value of LEC/TUT/PRA ■■■■

Quote: "Are you in this class? If not, get out of here and I never want to see you again." – Peter Weiss

English for Engineers! But with a twist. A devilish twist. This course tests your ability to read, write, understand concepts, and how well you play with others. You will be put into design teams you cannot choose yourself to simulate a real work environment. Same as a real work environment, you will want to strangle your team at least once (and in some cases, EVERY DAY) on your journey through this design course. You will want to pull your hair out every time you think of this course and the jokes about it will be endless. And priceless. Just you wait.

APS112 | Engineering Strategies & Practice II



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

Aids: Good TA, Bell curves, Positive attitude, Even more luck!

Difficulty ■■■■

Workload ■■■■

Value of LEC/TUT/PRA ■■■■

Quote: "Hello? Hello? You! Why are you hiding behind that iPad?" – Peter Weiss, singling you out in the middle of Con Hall

Wait, what? It's not over! APS111 part two! Continuing to learn the real life practices of engineering, this time your design project will have a real client! A real life human! You'll get to meet them all fancy and dressed up in business casual clothing and help devise a solution for a real life problem! You will again be put together with a random group of engineers and your grade will depend on their ability to write English; so pray to the ESP gods for a group that is fluent in English. This course's project will surely consume all your free time.

CORE 8 ANTI-CALENDAR

APS150 | Ethics in Engineering



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

Aids: Online slides on Portal, Common sense, Sanity

Difficulty ■

Workload ■

Value of LEC/TUT/PRA ■

Quote: "If the questions asks, 'Is this ethical?', the answer is no." – Ethics Prof

Are you aware that plagiarism is unethical? If not, then you should probably go to the first lecture. There is no homework. The only thing you need to do is look over the provincial code for engineers the night before and show up for the test. Then you're golden.

APS191 | Introduction to Engineering



Taken By: T1

Aids: First Year Office, Engineering Career Centre, Curtis

Difficulty ■

Workload ■

Value of LEC/TUT/PRA ■■■■

Quote: "I've narrowed it down to 7/8 disciplines." – Every. TrackOne. Ever.

This one's for you, TrackOnes! Everybody knows that you can't make decisions, so this course is designed to help you choose a discipline! Each week, a different professor will come in and give you a presentation on all the awesome things about their discipline. Hopefully, it'll spark your interest in specific areas of engineering, and help answer any questions that you might have. You'll also learn about the various engineering minors, how to pick your discipline, and leadership opportunities available to you. The lectures are all pretty interesting and you'll learn something cool about each discipline, so good luck deciding on one! #T1problems Attendance is the only requirement for the course, so this should be the easiest course you'll take all year. Just remember that you **MUST** show up for at least nine of the thirteen lectures to pass!

CHE112 | Physical Chemistry



Taken By: CHEM, CIV, MIN, MSE

Aids: Textbook

Difficulty ■■■

Workload ■■

Value of LEC/TUT/PRA ■■■■

Quote: "Why isn't my laptop working? This damned computer." – Prof Yaneff

The first 40 minutes of this lecture will be the professor trying to get his computer to work. The following 10 minutes will be rushed scribbles on Microsoft Paint. You'll get the gist of what goes on in this course. Everything is explained in the most ridiculous way possible, so good luck. Go to your tutorials! And try to read the notes and do the problems yourselves. If you can do the problem sets yourself, then no problem. If you can't, then you're just as screwed as the rest of us.

CORE 8 ANTI-CALENDAR

CHE113 | Concepts in Chemical Engineering



Taken By: CHEM

Aids: Textbook, Solutions manual, WolframAlpha

Difficulty

Workload

Value of LEC/TUT/PRA

Quote: "I. Am. Walter. White." - Chem students

Chem zone only! This course teaches Chems what ChemEng actually is! You do basic equations and reaction problems. And then suddenly, ELECTRICITY! You get to do circuits and all kinds of fancy stuff. By the end of this course you'll know all the variations of the F word! Like flux and flow and so much more. So strap in and get ready, kids. You're in for a ride.

CIV100 | Mechanics



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

Aids: Past exams, Textbook, Practice makes perfect

Difficulty

Workload

Value of LEC/TUT/PRA

Quote: "If it doesn't equal zero you're wrong." - Every Mechanics Prof

Remember dynamics from high school physics? Well this is dynamics on steroids. Only it's not dynamics. And forces can't take steroids. But that's besides the point. You'll learn all types of new and fancy words like "moment" which you won't understand is actually just "torque" from high school until after you take the test. Try your best to show up to lectures and do the practice problems! Falling behind in this course is NO FUN. Follow the past exams, too. Those are usually a good baseline to work from.

CME185 | Earth Systems Science



Taken By: CIV, MIN

Aids: The planet we live on, and maybe a protractor

Difficulty

Workload

Value of LEC/TUT/PRA

Quote: "You don't really have to show up tomorrow, you know, if you don't want to..."
- Prof Peterson

KP (Karl Peterson) is the man. He doesn't want to be there and neither do you. You get up to sit in a 2 hour long 9AM lecture to look at 200+ slides. But don't be fooled! There aren't any supplementary notes for this course, so if you try and study on your own time you won't have a bloody clue! This course is all about geology, rock identification, and geological mapping. KNOW YOUR MAPPING! Make a sweet cheat sheet for the midterm and final and do what you can to survive!

CORE 8 ANTI-CALENDAR

ECE101 | Introduction to Electrical and Computer Engineering



Taken By: ECE

Aids: A pillow, Your favourite video game

Difficulty █

Workload █

Value of LEC/TUT/PRA █

Quote: "Is nap time over yet?" - Every. ECE. Student.

ECE101 is an introduction to the wonderful world of electrical and computer engineering and all the possibilities you can look forward to after you survive U of T. It'll help you decide what you'll specialize in during the upper years of your education and is a pass or fail course. It is required to graduate and you must attend at least 70% of the lectures for this course or face failure.

ECE110 | Electrical Fundamentals



Taken By: ECE, INDY, MECH, T1

Aids: YouTube, Sharp 520, Solutions manual

Difficulty █

Workload █

Value of LEC/TUT/PRA █

Quote: "All aboard the Volts Wagon!" - Said the person who tells horrible puns

You'll be in a constant state of 'watt' when you first see a new concept in your lectures but once you go home and review your lecture notes, everything starts making a little sense (or you'll just get more confused). The first half of the course focuses primarily on electromagnetism while the second half gets easier with basic and complex circuit analysis. You'll also have labs every other week which are basically free marks as long as you don't electrocute your TA. Oh, and more good news, NO HOMEWORK for this course (WOOO!) but this does not mean you shouldn't do the problem sets in the books! Just let your volting ambition take charge and you'll pass this course with no resistance (#BadPuns).

MAT186 | Calculus I



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

Aids: Textbook, YouTube, WolframAlpha, Calculator

Difficulty █

Workload █

Value of LEC/TUT/PRA █

Quote: "I didn't mean to leave for the entire lecture, I just forgot to come back." - Prof Burbulla

High school calculus! Nearly everything is a repeat. Unless you're from Ontario. Then you could be having some trouble. Do the online assignments! They are basically free marks and actually help you learn because those questions are a skeleton model for all the tests. When in doubt, look at past exams because there have been years where the questions have been repeated right down to the numbers. All of the past tests can be found on Prof Burbulla's website.

CORE 8 ANTI-CALENDAR

MAT187 | Calculus II



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

Aids: Textbook, YouTube, WolframAlpha, Past exams

Difficulty ■■■■

Workload ■■■■

Value of LEC/TUT/PRA ■■■■

Quote: "If you fail the first midterm, you should not be in calculus." - Prof Burbulla

As second semester calculus rolls around it gets exponentially more difficult. Like, you won't even know what hit you. Suddenly, you're doing derivations in reverse with strange formulas and funky names. But on the flip side, you can make flowers with graphs! Sometimes I like to make roses and daisies and pansies and sunflowers... In lecture Burbulla will go at lightning speed, assuming you understand everything he is saying. You will suddenly lift your head to look around at the class to see if anyone else is as confused as you. But they are on their phones or chatting with their neighbours or sleeping on their desk. You will ask yourself, does everyone get it and it's just me who is lost? The answer is no. No, you are not the only one. I guarantee they are as lost as you but they have just given up earlier.

MAT188 | Linear Algebra



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

Aids: WolframAlpha, Mary Pugh's lectures, Burbulla's notes

Difficulty ■■■■

Workload ■■■■

Value of LEC/TUT/PRA ■■■■

Quote: "And Burbulla said, 'Let there be vectors,' and there were vectors. And Burbulla saw the vectors, and they were good; and Burbulla divided the vectors from the scalars." - Genesis 1:3-4

Nobody knows why you take this course. Nobody knows why you need this course. In fact, this course is one giant question mark. Did you know there was a 4th dimension? What about a 5th dimension? In fact, the dimensions never end! Everything in this course is highly theoretical and done in a really roundabout way. It is all about vectors in theoretical spaces in linear sets, a lot of eigenvectors in a lot of eigenspace, and a lot of eigenwhoknowswhats. You'll encounter words like nullspace and kernel and while you may never truly understand what the basis of a set of vectors is or why they're linearly independent, the course is actually not that hard. They changed the textbook for 2013 and did everything backwards. Let's hope they go back to the old way for 2014 so it's less of a "um what"? Do the homework, do the past exams, and watch Mary Pugh's lectures which are provided online through Portal and you'll be golden!

CORE 8 ANTI-CALENDAR

MIE100 | Dynamics



Taken By: ECE, INDY, MECH, T1

Aids: Textbook, Solutions manual, The Grace of God

Difficulty ■■■■■ **Workload** ■■■■ **Value of LEC/TUT/PRA** ■■■■■

Quote: "This? This is a 5% question on your final exam." - Professor, after spending 50 minutes solving a problem.

Dynamics is like that 3000 piece Death Star Lego Set; you read the instructions and you're like "Yeah, I got this," but when you actually put the pieces together you end up with something that looks like a Pokéball and definitely not a Death Star. The first few weeks of the course is basically high school stuff, plus one or two new concepts. But do not be fooled, the course picks up pace pretty fast and before you know it you're sitting in your room wondering how a "wheel can roll without rolling". DO NOT SKIP LECTURES. They are extremely helpful and the profs are approachable. You're going to be given an online problem set every week as your homework but don't just rely on them; do past exams, quizzes, and extra problems sets in the textbook. Thankfully part marks will allow you to pass this course with a 51% but without practice this course is next to impossible.

MIE191 | Introduction to Mechanical and Industrial Engineering



Taken By: INDY, MECH

Aids: Your pillow, Coffee, Snacks, Entertainment

Difficulty ■ **Workload** ■ **Value of LEC/TUT/PRA** ■

Quotes: "Is it beer-o'clock yet?" - Mech students

You are only graded on attending 9 of the 12 seminars! Since MIE is a huge field, this course helps you choose your stream by bringing in guest speakers and giving you lots of information. If you actually manage to fail this course by not attending enough lectures then that is hilarious and you deserve to be ridiculed for years to come.

MSE101 | Introduction to Materials Science



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

Aids: Textbook, Solutions manual

Difficulty ■■■■■ **Workload** ■■■■ **Value of LEC/TUT/PRA** ■■■■

Quote: "Did you know you can cool yourself to -273.15°C and still be OK?" - Lolz

This course has a lot of material in it. So keep up! And be sure to read the textbook and watch YouTube videos because the lectures will only skim the top of what you are expected to know. Things get faster as you go on with phase diagrams and interstitial sites. The labs are basically free marks and so are the assignments. Study hard for the 3 quizzes and you should be alright.

ENGSCI ANTI-CALENDAR

CIV102 | Structures and Materials: An Introduction to Engineering Design



Aids: Claire Fontaine notebook, Set square

Quote: "A stone is a negative rope; you can push it but you can't pull it." - Prof Collins

Difficulty ■■■■■ **Workload** ■■■■■ **Value of LEC/TUT/PRA** ■■■■■

This course is about three things: bridges, beams, and sticks (anything that is rectangular, basically). Prepare to learn formulas and techniques that were really useful about a century ago. You should not worry too much about this because, although you will understand nothing, the final is OPEN BOOK (so yes, God is real). Even better, your final mark is greater than or equal to your exam mark! Failing the course... 100% on the exam? 100% final mark! And after having designed every single beam in a steel bridge, building a real metre-long mat board one, suffering through endless formulas and impossible quizzes— you'll only remember one thing: you can't push on a rope.

CSC180 | Introduction to Computer Programming



Aids: Online textbook, Professors' office hours

Quote: "You eat, you code; you sleep, you code; you shower, you code: that's how you'll do well in this course." - Prof

Difficulty ■■ **Workload** ■■ **Value of LEC/TUT/PRA** ■■■

You will learn how to code!!! Actually, that only sounded exciting in my head. You will spend the lectures either writing pieces of code or playing Pokémon with your buddies - doesn't get any more engineer-y than that, huh? Then you'll find out that Python was written in C and that the Core 8s will thus make fun of EngScis for being useless. But I am still waiting on the day someone reveals that Optimus Prime was coded in Python to shut them up. Anyways, just review your notes twice a week, and practice a lot!

CSC190 | Computer Algorithms and Data Structures



Aids: Textbook, Online readings provided by the Professor

Quote: "%\$@!#\$%#@\$ valgrind." - EngScis

Difficulty ■■■■■ **Workload** ■■■■■ **Value of LEC/TUT/PRA** ■■■■■

If you thought Python was difficult, welcome to hell. CSC190 focuses on C programming, which forces you to consider things that didn't matter in Python. In 2014, the course consisted of weekly labs worth 4.5%, code reviews worth 4.5%, a project worth 26%, 2 midterms worth 10% and 15% respectively (taken on a computer), and a final worth 40% (also taken on a computer). Although the labs are worth very little, it is essential to complete them independently in order to practice coding for the midterms and final. If you can finish the labs easily and quickly, you will do well on the other evaluations.

ENGSCI ANTI-CALENDAR

ESC101 | Praxis I



Aids: Logic, English, Teamwork

Quote: "Let's use our Praxis skills to figure out which is better: Pikachu or Bulbasaur?" - Prof Foster

Difficulty ■■■■

Workload ■■■■

Value of LEC/TUT/PRA ■■■■

Also known as Praxis (after years of existence, its meaning is still unclear), ESC101 is a design course that will teach you how to write engineering papers as well as to hate your teammates. This is arguably the most time-consuming course (until Praxis III!) as you will spend countless hours writing reports and wondering why you didn't go into Core 8. The bright side is that you get to watch funny videos and even Matrix scenes during lecture. Tip: Use lecture time to do other homework!

ESC102 | Praxis II



Aids: Ante Lausic, Textbook

Quote: "Effect a real and measurable improvement in the lived experience of a community located in the GTA" - Praxis project

Difficulty ■■■■

Workload ■■■■

Value of LEC/TUT/PRA ■■■■

What's that you say? You didn't get enough Praxis in first semester? Well I've got fantastic news for you, because THE PRAXIS NEVER STOPS! Praxis II is a semester-long term, full-blown engineering design project that you will present at the end in a big showcase. You will be with your team for four months, for better and for worse. Your free hours will seep away into the Praxis aether, as you wonder how you spent an entire day on one page of your 20 page long RFP. Not to mention the cramming of four months worth of projects into your design portfolio during exam season! At the end of the day, while Praxis II will drive you to the edge (of your abilities, sanity, patience...), the stuff you will be doing can actually have a real impact on people. You'll really appreciate taking it (probably after it's all over).

ESC103 | Engineering Mathematics and Computation



Aids: MATLAB, Textbook

Quote: "Did I mention I go to the gym?" - Prof Cluett

Difficulty ■■■■

Workload ■■■■

Value of LEC/TUT/PRA ■■■■

This course serves as an argument for the Core 8s to prove that EngSci is not harder than their discipline. Half of the course is an introduction to linear algebra: vectors, geometry, matrices, Professor Cluett's pecs, etc. The second half is an introduction to MATLAB and approximations using theorems of dead people. It is arguably the easiest course in EngSci, hold on to it until you have to skip the lectures because you have Praxis to do. If you find yourself behind, just talk to the TAs, they will put you back on the right track. You will also find out that Prof. Cluett works out. Or his arms will remind you.

ENGSCI ANTI-CALENDAR

ECE159 | Fundamentals of Electrical Circuits



Aids: Textbook, Solutions manual

Quote: "This midterm is very easy. Most of you will be leaving at the one hour mark." - Ali Sheikholeslami

Difficulty ■■■■ **Workload** ■■■■ **Value of LEC/TUT/PRA** ■■■■

ECE159 builds on high school circuit analysis and then introduces op-amps, capacitors, inductors, and complex analysis (which isn't nearly as bad as it sounds). The labs should be free marks as long as you complete the prep questions in advance. The midterms and final, on the other hand, are relatively difficult. As the course title suggests, it is very important to be sound in the fundamentals. If you complete the textbook questions and really practice circuit analysis at the beginning of the course, the rest of it should be a walk in the phasor domain.

MAT185 | Linear Algebra



Aids: Courses notes, Google, Exercise book

Quote: "Did anyone read chapters 1-3?" - Prof Rennet

Difficulty ■■■■ **Workload** ■■■■ **Value of LEC/TUT/PRA** ■■■■

With all the real-life practicality of a non-inflatable liferaft, MAT185 is a course that teaches you how to use logic to solve complex problems. There is also a "textbook" featuring a time travelling Lin. Alg. professor who teaches the course to Lorenzo Il Magnifico in Renaissance Florence, Italy... No, it never stops being weird or funny. With ESC103 as a prerequisite (read Chapters 1-3 or you'll never hear the end of it), the course quickly dives into abstract concepts such as vector spaces, ranks, bases, and eigengalore. This can be a challenging course but respect it and you will enjoy it - otherwise learn to enjoy the frantic, aggravating last-minute readings with your dear friend Lorenzo.

MAT194 | Calculus I



Aids: Textbook, Friends who did AP/IB in high school, Your TA

Quote: "You can't do that because that's dividing by zero and it causes explosions."

Difficulty ■■■■ **Workload** ■■■■ **Value of LEC/TUT/PRA** ■■■■

This is the course that will make you wonder why you didn't transfer out of EngSci when you had the chance. Face the ultimate uphill battle instigated by a way-too-early introduction to Delta Epsilon followed by a thorough exposure to differentiation, integration, and differential equations. And you'll be surprised to see that those Delta Epsilon questions will probably be the only ones you'll be able to answer correctly on the midterms/finals. Forget SUDS, forget your social life from now on, your only friend is that Stewart textbook. At the end, you'll experience the easy life for about two weeks, until you get to face your ghosts from the past in a bloody sequel titled MAT195.

ENGSCI ANTI-CALENDAR

MAT195 | Calculus II



Aids: Textbook, Practice, WolframAlpha

Quote: "A passing mark (50%) on the exam will correspond approximately to a raw score of 40/119." - Prof Davis

Difficulty ■■■■■ **Workload** ■■■■■ **Value of LEC/TUT/PRA** ■■■■■

MAT195 shouldn't be that much harder than MAT194, right? Wrong. Calculus II starts off relatively slowly, attempting to teach you how to integrate ridiculous functions with ease, and then goes crazy with sequences and series. On top of this, you'll explore parametric equations, polar curves, and multidimensional calculus. A common phrase heard during review for this exam will be "Oh my God, we learned that, too?"

MSE160 | Molecules and Materials



Aids: Textbook, Google, Lecture slides

Quote: "Will a formula sheet be provided?" - Everyone

Difficulty ■■ **Workload** ■■ **Value of LEC/TUT/PRA** ■■■■

MSE160 is divided into two halves: the first (which is basically a high school review) covers atomic bonds, quantum wave functions, and chemical structures; the second covers material properties such as stress, strain, and conductivity. Each half is taught by a different professor and each half contains an exam. If you study solely from the textbook, you will be memorizing useless information. It's a good idea to look over problem sets because the questions are recycled on quizzes and exams.

PHY180 | Classical Mechanics



Aids: High school physics, Solutions manual, Google

Quote: "Consider a child to be a dense sphere..." - Prof Thywissen

Difficulty ■■ **Workload** ■■■■ **Value of LEC/TUT/PRA** ■■■■

Newton Lovers, this is *the* course for you: the first weeks are just review stuff from high school, after that, it's like in *Inception*: we need to go deeper. So you learn about rotational stuff; do labs with lab reports that take you about 7 hours to write and 30 minutes trying to reach the Advil under your bed. The quizzes are only hard if you spent the previous night drinking with ArtScis. Overall, this is one of the easiest courses you will take in your first year, and it is possible to pass the course without even taking the final.

PETITIONING

Sometimes, bad stuff happens. If the stuff is bad enough to affect your school work, petitioning is what you should do. A petition is basically an application to be exempted from a university rule, regulation, or deadline. Petitions can be filed for reasons including death in the family, medical issues deemed severe enough (by a doctor) to require absence or other accommodations, unfair grading (as you may feel with your ESP projects), or if Varsity athletes (for example) have conflicting competition and test/exam times. Hopefully, you'll never have to fill one of these out, but if you do, be sure to review the process (described in detail on the Faculty website) for petitioning before submitting. Always try to find written support for your claims. For any serious incidents, be sure to contact the First Year Office as soon as possible so they can aid you (they are very helpful).

Petitions can be submitted online at www.apsc.utoronto.ca/portal, through a Petition form. Consideration in Course Work will have to be printed and submitted to your professor.

There are three types of petitions:

1. Petition of Final Examination

It is a petition submitted because of a missed exam or issues that hinder you from performing well on your final exam. Students are required to submit this petition within seven days of their final examination. If the petition goes through, it is unlikely that a student gets to re-write the exam. The Faculty may use the student's term work to determine his/her final mark. It may also be possible for the Faculty to propose a late withdrawal option, or an option to grant Aegrotat standing (AEG) to a student (carrying credit for the course, but the course does not contribute toward the student's average). Note: AEG will only be considered for students who have missed three or more finals.

2. Petition for Special Consideration

It is a petition submitted by a student to request that an academic regulation to be waived. Students should first consult their Departmental Counsellor before submitting this petition, since its scope is quite large.

3. Petition for Consideration in Course Work

It is a petition submitted by a student when he/she unavoidably misses any graded work. The matter should first be discussed with the instructor (and if necessary, submit a petition). The petition must be submitted a week after a student returns to class. This petition could be submitted, for example, if one were to miss a quiz because their design team had a major competition on the same day. Submit this petition to your instructor directly. The form for this petition can be found on the petitions website.

For more information about petitions, and for the forms mentioned above, visit uoft.me/petitions



SUMMER SCHOOL & T-PROGRAM

Final grades for all courses are released on ROSI. Here at the University of Toronto, grades are reported in 3 different ways: as a percentage, as a letter grade, and as a GPA (Grade Point Average) from 0.0 to 4.0, based on your percentage grade. 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) look at. Final class averages are reported as letter grades.

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. U of T Scarborough has an online GPA calculator available to students. Alternatively, ROSI will calculate your GPA for you once all of your final marks have been released. If your sessional average (the average of your course grades in one term) is 60% or above, congratulations! You're promoted with a clean record to the next session. In other words, you passed, and can carry on to infinity and beyond! If you manage to get a sessional average above 60%, but have failed a course, contact the First Year Office ASAP to enrol in the repeated course. EngSci FIrosh have it differently - it's a minimum average of 55% in the fall semester of first year, and 65% in the winter semester. For every semester after that, it's a 60% average like everyone else.



If you're taking a full course load and have a sessional average of 80% or above, you earn a place on the Dean's Honour List. Bonus!

So... what if you couldn't make a 60% average? Don't worry; it's happened to the best of us, too. If your sessional average is between 50% and 60%, you're on probation! But don't panic, it was bound to happen someday. You can get off probation once you have 2 full course load semesters in a row, with no repeated courses, each with an overall average of 70% or higher. However, EngScis 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.

Since we know how tough things are, the school will come save you if you fail a course (or two, or three)! U of T offers the T-Program, or "Transition Program" in which you can retake up to 3 courses you have failed. Depending on the situation, you could be retaking courses you failed in either the Winter or Summer sessions, or both. 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. Students transferring out of Engineering Science may also need to take these courses. Be warned that the courses taught in the T-Program are taught MUCH faster.

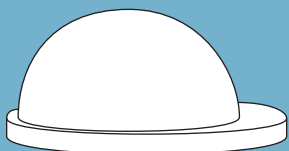
For more detailed info about being on probation and the T-Program, you can consult the Engineering Calendar online at www.undergrad.engineering.utoronto.ca under the Academic Regulations section, or see any of the friendly counsellors at the First Year Office, located near the Galbraith Building lobby. Don't worry, they're here to help!

4

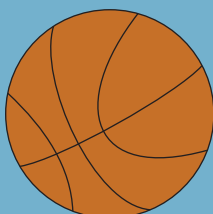
SKULE™ COMMUNITY

• ACCESSORY PACK •

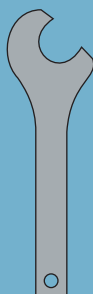
Includes 7 accessories to make your Skule™ experience unique!



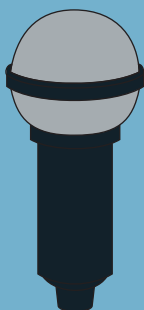
JOIN
ENG SOC



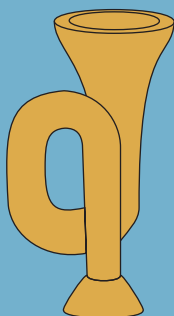
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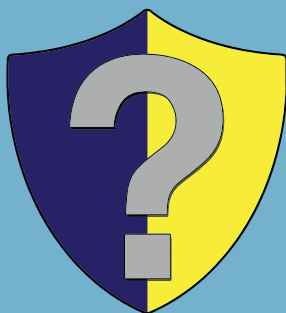
JOIN A
DESIGN TEAM



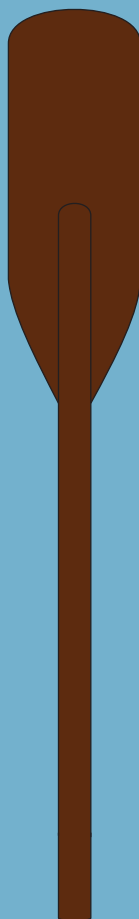
PERFORM
AT SGT



JOYN TEH
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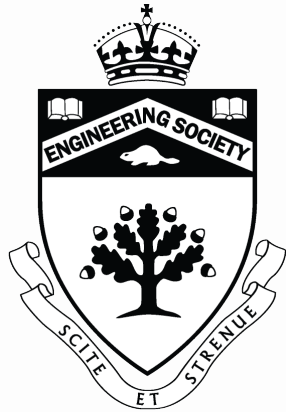
RACE WITH THE
IRON DRAGONS

THE ENGINEERING SOCIETY

THE UNIVERSITY OF TORONTO ENGINEERING SOCIETY

The University of Toronto Engineering Society, referred to as EngSoc, is the governing body for undergraduate students in the Faculty of Applied Science and Engineering – or Skule™. It was founded in 1885 with Professor John Galbraith (for 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 part- and full-time undergraduate students in the Faculty are considered members of the Engineering Society. In fact, you pay annual membership dues as part of tuition – but not to worry, this money is used to directly support EngSoc which in turn supports you! EngSoc manages Skule™ services and funding, including 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 sure to check out page 64 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 the newest members!

The Engineering Society motto “Scite et Strenue” on the crest is roughly translated as “Skilfully 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 bear the iron ring and proudly represent Skule™ in the world.

Welcome to Skule™ and best of luck with your first year of engineering!

PRESIDENT



Looking back to the summer leading up to my first year of U of T Engineering (more fondly referred to as Skule™ as you will find), I recall worrying about what grades I'd be getting, and wondering what sort of people I'd be interacting with. Though all this worry seems not that long ago, here I am entering my final year, with the immense privilege of congratulating and welcoming you to this grand olde institution!

Similar to many of you, I chose U of T Engineering because it was prestigious, known to have professors known globally for their expertise, and all conveniently located in the heart of one of the greatest cities I am fortunate enough to call home.

However, over my three years of study and Professional Experience Year, I've realized what truly makes Skule™ exceptional is not the contents of your lectures. In fact, the principles of engineering have been the same for centuries and is the same everywhere you go. Truthfully, it is the breadth of opportunities outside of the curriculum here you will not find anywhere else, all thanks to the engineers who have come before us over the past 129 years, shaping the Skule™ experience to what it is today. This is the legacy of the Engineering Society which you will soon be a part of.

Nowhere, will you find students sitting at the same table with professors actively shaping the future of engineering education. Nowhere, will you find students so ready to unite as a community to address academic and classroom concerns with our professors. Nowhere, will you find a community so ready to defend Ye Olde Mighty Skule™ Cannon as it prepares to fire. Nowhere, will you find a city inviting a renegade Bnad to their Santa Claus parade after crashing it enough times. Nowhere, will you find a community worked so hard yet so willing to contribute to their learning environment.

However, Skule™ is only as amazing as the people who contribute to it, and you dear Frosh, are amazing and Skule™ needs your contributions! Whether it is a design team, a cultural club, or participating in any of the EngSoc committees, I hope you find something of interest to partake in (and if not, come talk to any of your EngSoc Officers and we can help you!) because it'll make your time here that much more fun (efficiency!).

Conversely, you need to work hard and pass your classes. As academically driven as our community is, the fact is, it takes courage, self-discipline and creative problem-solving to get involved and contribute which are the real factors in being successful after your degree. Choosing to contribute, not only do you make lifelong friends and fond memories that will last longer than that textbook of differential equations you tried cramming into your head, you will also become powerful in will, influential, acquire invaluable skills, and above all, you will have an incredible story to share. This is what will define you, and no one can take that from you.

So, you are now faced with some of the greatest opportunities that will shape some of the best years of your life. What will your story be? Will you be sharing it with others here at Skule™? It is my sincerest hope that over the course of your undergraduate career you do, because when you do, this city, country and the world will be given better engineers for it.

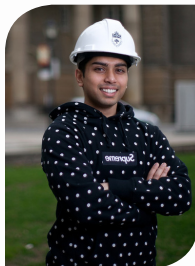
Wishing you all the best on your new engineering adventures!

Teresa Nguyen, CIV 1T4 + PEY

President, University of Toronto Engineering Society 1T4-1T5

VP FINANCE & VP COMMUNICATIONS

VICE PRESIDENT FINANCE



Hey F!rosh! Congratulations on being accepted into University of Toronto Engineering. Skule™ welcomes you to this new chapter in life and will assist you in making the most of it! As your Vice President Finance, it is my duty to manage the Engineering Society budget and ensure that the day-to-day financial duties are taken care of with precision and transparency to you all! I am also responsible for overseeing the Engineering Stores (home to knowledgeable upper year students who can't wait to assist you with all the Skule™-related questions, school necessities and awesome Engineering Apparel), the Hard Hat Café (home to all the food you can yearn for after (during) a long studious afternoon), and SUDS (home to cheap beer and the reason you'll be "faded"). All of these are conveniently located in the Sanford Fleming atrium.

If you do have any questions regarding the Finances of the University of Toronto Engineering Society, life in general or Supreme, shoot me an email at vpfinance@skule.ca. If you prefer a more personable and intimate approach, drop by the Engineering Society Office to chat with me in person! Once again, welcome to the University of Toronto Engineering Society and good luck with all your endeavours!

Mehran Hydari ECE 1T4T1 + PEY

VICE PRESIDENT COMMUNICATIONS



Hey F!rosh! I'm Karan Shukla, and I'm the Vice-President Communications here at the U ofT Engineering Society, a.k.a. SKULE™! I'm responsible for organizing Skule™'s social media efforts, informing the student body of EngSoc events and general email skulduggery. I send A LOT of emails. Once VP Finance and I got locked out of our Gmail accounts because we sent out too many.

Every Monday, you'll be receiving what's called the "Skule™ Digest" into your UTOReil account. The Digest is a bulletin board which is used by clubs to promote themselves and their events. I'd recommend reading through it every Monday if you want something to do aside from studying.

I also handle the incredibly informative Cannon Newspaper (shout outs to Sarita) and the incredibly hilarious Toike Oike (shout outs to Colin Parker). And by "handling" I mean letting them do whatever they want and occasionally asking them to send an email or two. Did you know Skule™ also has a Yearbook? It's called the Skulebook (har har). Natalie is handling it this year and you get a free one with your F!rosh Kit ... in April when it's made (I guess you have to wait). Speaking of years...EngSoc also has an Archivist which basically handles all of Skule™'s history. (I heard Catherine also has an Almanac which has the results to every EngSoc election for the next 20 years!)

Skule.ca is a website full of magic and glory. You should definitely check it out. Jeff and Abdul, the SysAdmin and Webmaster, do a great job of keeping it running. They can download more RAM to your computer if you ask them nicely.

Oh yeah, I forgot, one more thing. I managed the production of this Handbook as well. I'd like to thank the Handbook Editor Melissa and all of the Execs who helped make this happen. Have a great F!rosh Week guys! Keep an eye out for my emails in your mail accounts for the rest of the year! ~Karz

Karan Shukla, Mech 1T6

VP ACADEMIC & VP STUDENT LIFE

VICE PRESIDENT ACADEMIC



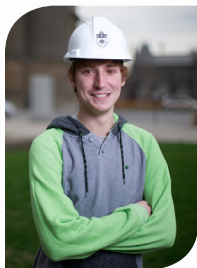
Hi Flrosh! My name is Ryan Gomes, and I'm one of the executive officers in EngSoc, your student-led society dedicated to making your time in Engineering as exciting as possible! As your 1T4 VP Academic, I'm responsible for being your link to the Faculty, and your advocate when it comes to courses. Two of the big resources I'm in charge of (and you'll come to love!) is courses.skule.ca and tutors.skule.ca, key academic resources designed to get you through first year. The first is an exam repository, and the second is a tutor database!

I wasn't necessarily the most involved person in my first year. Beyond this position, I was also heavily involved in fighting for our autonomy from the UTSU (an organization you'll be hearing a LOT about during your time here), and I'm currently on their Board of Directors. I'm also big on advocacy, so come out to our Academic Advocacy Committee to learn about the ways I and our team are fighting to keep your academic experience at U of T top notch!

I'd like to encourage you to get involved too! Although school should come first, extracurriculars can help compliment your studies and honestly will keep your time here interesting. I hope you'll do some more digging on EngSoc and get involved with us both this year and in future years! If you have any questions at all relating to your academic experience here, feel free to stop by our office in the SF basement across from the pit.

Cheers,
Ryan Gomes, Mech 1T6

VICE PRESIDENT STUDENT LIFE



Hey Flrosh! My name's Cory. I like building things, exploring new places, music, games, and according to the Ontario Provincial Police, I like using my gas pedal too much.

I'm the Vice President Student Life of EngSoc. My role is to help ensure that there are plenty of opportunities for you to take part in outside the classroom to help you find new interests, supplement your studies with soft skills and hands-on learning, and enjoy yourself after school! This includes everything from events (like Flrosh week, balls, and Skule™ Kup events), to clubs and directorships (like design teams, professional clubs and music groups). Swing by the EngSoc office and introduce yourself sometime!

One of the things that I love most about Skule™ is how many opportunities there are here. I'm always amazed at how many different groups there are here, how diverse our student body is, and how many things happen on a day-to-day basis. If you're like me, you'll love seeing how much order and chaos there is at the same time; one minute you might see students discussing high-level academic issues, and the next you see students guarding the Cannon and crashing events with the Bnad.

As a Flrosh, there are plenty of ways to get involved in the community. It all has to start somewhere; join a club, volunteer for a directorship, be a class rep, or even just attend some events, and always introduce yourself to new people; you'd be surprised by what you'll do! I encourage every one to get involved as much as you can; university is the place to explore different opportunities and experience new things, and Skule™ is the place to do it! Go here to see some the ways you can get involved: skule.ca/clubs and skule.ca/committees!

Hope to see you around,
Cory Sulpizi, Civ 1T6

OMBUDSPERSON & ARCHIVIST

OMBUDSMAN



Welcome class of 1T8! I am your Engineering Society Ombudsman for this year - and it's my job to make sure all of our members (you!) are happy with the services we provide. It may not seem like it at first, but the Engineering Society is a much larger organization than the student governments you'll be used to from high school. From three commercial operations to a portfolio worth millions of dollars to managing nearly 100 affiliated clubs, the reach of EngSoc is indeed far and wide. You have some really great opportunities to gain experience here that most people only get after years in the workforce - such as managing Ontario's only licensed student bar, administrating a local webserver for skule.ca, working closely with the Faculty at

Canada's top engineering school and since EngSoc is a corporation under the Ontario Corporations Act, the president can say that she has been a CEO! Take the chance on some of these activities while you're here - it'll be worth it. As Ombudsman I'll be spearheading a number of campaigns this year to help you get involved and to filter through the dizzying array of things to get involved with - so keep your ears open on ombudsman.skule.ca as F!rosh Week approaches! I'm also around to hear any complaints or concerns you have with EngSoc, or even if you just want to chat - drop me a line at ombudsman@skule.ca!

Billy Graydon, ECE 1T6

Ombudsman 1T4-1T5

ARCHIVIST



The Archivist helps preserve moments collected through the 100+ year journey of Skule™ life within one of the oldest engineering schools in Canada (though it has not always been officially part of U of T, and "Skule™" wasn't around from the beginning), as well as helping to make these moments known to current Skulemates, such as yourselves!

We're working on some themed open office hours during the school year so you F!rosh (and others) can come buy and learn a bit more about what students around your age did way back when.

Our school is special, not just because of its presumed prestige but because we have a rich history. Skule™ is what it is because of the past that has shaped us, but it's up to you to make your mark as well! So build yourself a nice pathway out of those sturdy LEGO blocks.

Feel free to e-mail me at archivist@skule.ca and we'll try to answer your questions as best as we can :)

And make sure you check these out!

History & Tradition: skulepedia.ca

Photos: photos.skule.ca

SkuleTube: youtube.com/user/SkuleTube

Catherine Tran, MSE 1T4 + PEY

Archivist 1T4-1T5

GETTING INVOLVED WITH ENGSOC

GETTING INVOLVED IN ENGSOC

Getting involved in student groups is the best way to experience Skule™, and EngSoc is an awesome way to start. As first years, you have ample opportunity to run for student government positions, and all will help you meet fantastic friends, make connections, make an impact on the Skule™ community, and better understand your abilities as a student and a person. There are lots of ways you can get involved!



FIRST YEAR CLASS REPRESENTATIVES

Each class has at least one first year representative position. These individuals are liaisons between Faculty and students, help to run class events, disseminate information, and act as a figurehead. They are elected at the beginning of the first semester by classmates, and hold their position for the remainder of the year. Now, I know what you're thinking: "How will I have time to balance all of these responsibilities along with my workload?" The truth is, the responsibilities become a happy break from your studies. They allow you to build connections and passion about Skule™ and increase your drive to find success. The position opens up a world of friendships, which can help you to cope with the hard times or even for study groups. To quote last year's first year Chemical Engineering rep, Kevin Vincze, "Being Chem rep allowed me to meet my entire class. It was a great way to help with the transition into university, and helped me to make some amazing friends and memories."

FIRST YEAR CHAIR AND COMMITTEE



The First Year Chair is elected in the beginning of your first semester, and people from all disciplines can run and vote. The First Year Chair has five projects that they must accomplish over the course of the school year: F!rosh prank, F!rosh chariot (for the Ye Grande Olde Chariot Race), F!rosh event (during Godiva Week), year swag (usually T-shirt but could be any other piece of clothing), and the year mural. All of these projects are headed by the First Year Chair and are usually carried out by a group of people called the First Year Committee. This committee consists of any students interested in helping out and helps plan and discuss all things related to first year.

As this past year's First Year Chair, I highly recommend that you run for this position or for first year discipline representative. It was an excellent way to make friends across the disciplines and really allowed me to explore activities of my interest. The Committee is also an excellent way to have your voice heard and to make the most out of your first year at Skule™!

Joshua Charles Calafato, EngSci 1T7
First Year Chair 1T3-1T4

BUSINESS MANAGER & FIRST YEAR OFFICE

BUSINESS MANAGER - RHONDA MEEK

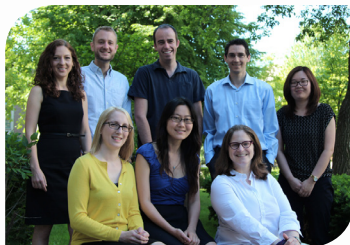


As the Business Manager of the Engineering Society, Rhonda Meek manages the day-to-day operation of the EngSoc offices and ensures that they are running efficiently. She is responsible for all processing, recording, maintaining, and monthly reconciling of invoices and payments and the statistical and 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 Class of 1T8!

We're excited you'll be joining U of T Engineering and look forward to helping you succeed this year. The Faculty of Applied Science and Engineering has many services to help you in first year. You can get help with academics, course work, personal or health issues - any challenges you might face. Look for important info in the First Year Newsfeed in your email inbox! Please visit us in the First Year Office, Galbraith Building, room 170, any time you might need some help.



We look forward to meeting you!

Olha Fihol, First Year Assistant

Leslie Grife, Assistant Registrar, First Year

Stephanie Rose, Assistant Registrar, First Year (Acting)

Hana Lee, Undergraduate Counsellor, Engineering Science

Sherry Lin, Undergraduate Counsellor, Engineering Science (Acting)

Jennifer Fabro, First Year Counsellor (Core 8)

Curtis Norman, First Year Student Success Specialist (TrackOne Advisor)

Micah Stickel, Chair, First Year

firstyear.engineering.utoronto.ca

firstyear@ecf.utoronto.ca

THE CANNON

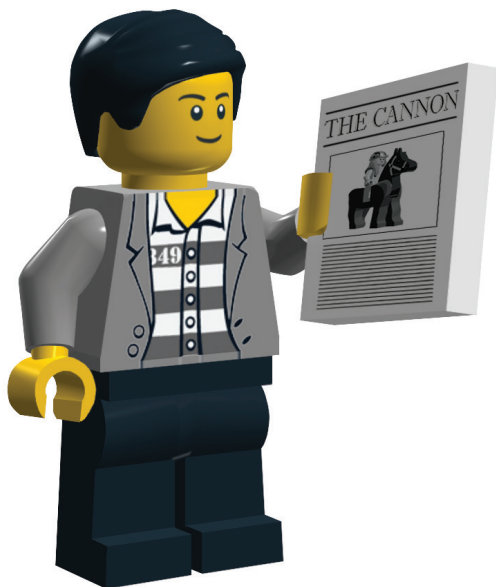
A hearty welcome to the incoming class of 1T8!

I am the Editor-in-Chief of The Cannon, Skule™'s serious newspaper. As such, I oversee a team of editors, writers and reporters that work together to provide you and the rest of Skule™ with timely news and information related to engineering.

If you are looking for a way to get involved next year then consider writing or reporting for The Cannon. Writers are the lifeblood of our newspaper. Without them, we have no articles to publish! It's also a great way to learn about everything that's happening here at school.

My advice to you though? Get involved however you can, wherever you can. First year is a great opportunity to sample all the clubs Skule™ has to offer. You can always decide which ones you want to keep up with later, but you won't know what you like unless you try!

Sarita Chiu, Chem 1T4 + PEY
Cannon Editor-in-Chief 1T4-1T5



THE TOIKE OIKE



Hello, gentle F!roshie, and welcome to the world of Skule™! As you pack your bags for this wild and depraved adventure allow me to introduce you to the Toike Oike: the oldest, coolest, knee-slappingest, sexi-est, and most literary comedy newspaper on campus. How can I justify all these incredibly vain claims? Easy, the Toike is our only comedy newspaper!

The Toike (pronounced “Toy-ke”, or “Toy-key Oi-ke” if you’re trying to impress someone) dishes out spoofs and goofs to newsstands across campus every month. While most kindling student newspapers focus on “serious” news about “real events”, the Toike’s penchant for improving real life has made it the preferred source of procrastination among engineers and ArtScis alike.

What’s that you ask? Why are engineers doing all this writing? Well, I don’t know why you’re asking a piece of paper, but I’ll answer anyway. If you asked a historian about how the Toike got started they would tell you “What are you talking about?” or “Get out of my office”, which are fair assessments. Someone else might say that it was founded in 1911 as a forum for serious news and communication among the Engineering Society. After that, a stream of hard-nosed engineers carried it through steamy scandals, legal battles, alcoholism, and calculus exams – not to mention a few wars – and slowly transformed it into a pillar of Skule™ spirit.

The truth is that the Toike, like many things at Skule™, is whatever we as students need it to be. For me it’s a unique creative outlet for writers and artists and a reminder that, no matter how different you and another Skuligan may seem, there isn’t anyone who can’t appreciate a good joke.

So, every month we at the Toike get together to share some uproarious good times and, hopefully, make you laugh a little too. If you want to get updates about upcoming meetings and be part of this worldwide phenomenon, as a writer, editor, graphics-er, or just a funny person, just do one of the following:

- Send me an email at toike@skule.ca with the subject line “I want to join the Toike”.
- Head over to toike.skule.ca and check out the “Join” tab to sign yourself up.
- Live a long life of regret that you didn’t join the Toike, and then invent a time machine to tell your younger self to follow one of the previous steps.

Oh, and as you brace yourself for the excitement of F!rosh week you can also go to toike.skule.ca to check out some of the Toike’s older issues!

F!roshly yours,

Colin Parker, ECE 1T6

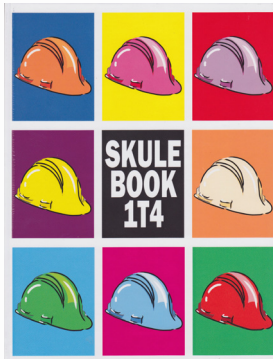
Toike Oike Editor-in-Chief 1T4-1T5

Toike Tip: As the most fashion-forward newspaper on campus, the back cover of the Toike is mostly dark ink to serve as an emergency cosmetic dispensary. Just sneak up behind one of your closest friends (preferably someone without glasses or makeup already) and rub it all over their face, covering up any unsightly blemishes with a coat of fresh newsprint! Bear in mind that your friend might decide to return the favour / knock you out afterward, but at least they’ll look good doing it.

SKULEBOOK & HANDBOOK

SKULEBOOK | skulebook@g.skule.ca

What's Skulebook you ask? It's the super amazing yearbook for engineering students at U of T, filled with all the Skule™ events, as well as clubs, graduates and brand new this year, as many photos of the people from Skule™ doing average Skule™ things as can be fit in 250 coloured pages. As an added bonus, Skulebook comes FREE with the purchase of your engineering F!rosh kit (so there's no excuse for you not to get one!).



But, Skulebook can't happen without you, the F!rosh! F!rosh usually make up the majority of our writing, layout and design, and photography teams. We are always looking for creative, fun, dedicated people to fill our teams and if you don't have experience we'll teach you.

Natalie Landon-Brace, EngSci 1T6
Skulebook Editor 1T4-1T5

F!ROSH HANDBOOK | handbook@skule.ca

A description of the Handbook within the Handbook? –HANDBOOKCEPTION (that joke is so 2010, I know). The F!rosh Handbook Editor oversees the production of THIS BOOK. The one that you are literally reading RIGHT NOW. In case you haven't figured it out by now, the Handbook is like an instruction manual for your first year at U of T, providing an overview of F!rosh Week, our Skule™ community, our engineering traditions, and how to prepare for your first year of engineering studies.

As Editor, you would hone your skills in Photoshop, Illustrator, and InDesign, manage your team of contributors, and handle the printing and distribution process. This position is historically held by a F!rosh (that's you!) and elections happen in April along with all the other EngSoc Project Director elections. Also good to know - the F!rosh Handbook Editor also becomes the next year's Skule™ Planner Editor and creates our Skule™ agenda (it's a 2-for-1 deal!).



Melissa Campoli, ECE 1T7T1
F!rosh Handbook 1T8 Editor

ENGINEERING STORES



Your first year at Skule™ can be quite intimidating. As such, we want to make the transition as easy as possible for you. At stores we will provide you with all your needs, be it textbooks, stationery, Skule™ swag, shot glasses, or more Skule™ swag.

We are a non-profit student run business, meaning we guarantee that we will have the CHEAPEST FIRST YEAR TEXTBOOKS ANYWHERE ON CAMPUS!

We are located in the basement of The Sanford Fleming Building (which you will learn to love and affectionately call the pit). Our business hours this year will be 11:00-3:00 Monday through Friday, with extended hours the first couple weeks of each semester in order for you all to pick up your textbooks and what not.

Stores offers many products and services, including:

- Textbooks
- T-shirts, Polos, Hoodies
- Lab notebooks, pens, pencils, highlighters, official faculty writing pads and lab report covers
- Drafting tools, Skulebooks, coffee mugs, shot glasses, tickets to Skule™ events
- Much more!

We also sell coveralls and leather jackets, both of which have a long standing tradition in Skule™ history. As Frosh, you won't be allowed to buy them until you finish first year, but you can buy patches from us which you will then put on your coveralls and leather jackets.



We are excited to welcome each of you into the Skule™ community! We hope you come visit us at the store, and check out our website at **www.stores.skule.ca** and feel free to email us anytime at **stores@skule.ca**.

Robert Goldberg, Mech 1T6

Syid Khan, Mech 1T6

Engineering Stores Co-Managers 1T4-1T5

SUDS

Hey, welcome to SUDS. Every Friday night, the Sandford Fleming atrium auto-magically transforms into the kickass, 100% student-operated, all-ages and undergrad engineering pub known as SUDS. Come out to unwind over BEVERages and pizza. Keep an eye out for special guests and special events, ranging from Mexican Fiestas to wicked club nights to midwinter beach parties. There's even rumours of nights so fly every other school comes down to party.

You know what's better than SUDS every Friday night? SUDS every day! We're open for all F!rosh Week and Godiva Week, so swing by to see what's happening. There'll be Cannon blasts, Bnad crashin' and maybe even a visit or two from Nobody.

There are a couple of rules to keep the BEVERages flowing and the managers happy:

- All patrons must follow the laws of thermodynamics.
- People of all ages are 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, credit cards and T-cards don't count. Seriously.
- No sex in the washrooms.
- No pyrotechnics.

Want to work at SUDS? Are you 18? Come say hi to either of the managers, or email suds@skule.ca to get server trained. Hang out, make friends, get involved. Serving is a great way to build on your Skule™ experience!

Hate the music? Want more dubstep? Come to the front and make a request.

See you at F!rosh Week!

John "Nolan Piette" Sweeney,
Nolan "John Sweeney" Piette,
SUDS Co-Managers 1T4-1T5



HARD HAT CAFÉ

You leave class, drained of resources, famished, sleepy, and it's too cold to go outside. There's only one way to avoid starvation... HARD HAT CAFÉ!

We are a student-run cafeteria, and we sell almost anything you could possibly wish to eat, including: Fresh pizza, Subway sandwiches, Poptarts, Jamaican patties, noodles and SO MUCH MORE! We also have a huge variety of drinks like coffee, tea, lots of pop, Vita Soy drinks, Arizona, Red Bull, etc. And yes, don't worry, we haven't forgotten about the vegetarians either, we always have veggie pizza and Subway available.

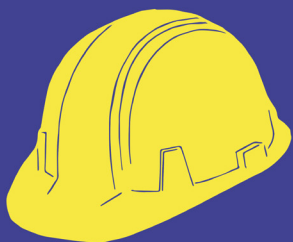
Hard Hat Café is the most convenient place to get some food, because of its location and cheap prices. The Café is located in the Sandford Fleming basement (THE PIT), which is where we engineers live. So you won't even have to leave campus in the freezing weather. Not only is our food really affordable, but we also have daily specials to help you save even more money!

Be sure to drop by, when you're hungry, thirsty, sad, lonely, or just bored, food will always make things better! Also, like us on Facebook at "Hard Hat Café", so you'll know about all our special deals, and give us suggestions about things you would like to see sold at the Café, your feedback is always appreciated.

Lots of food,

Armando Bablanian, ECE 1T6
Finance Manager 1T4-1T5

Lameya Iqbal, MIE 1T6
Operations Manager 1T4-1T5



Hard Hat *Café*

BLUE AND GOLD COMMITTEE

Welcome F!rosh of 1T8 to the wonderful organization known as Skule™! In the next 4 to 5 ... or 6 more years you will work hard and study hard, but hopefully have some fun too! That last bit is where we come in! We are the Blue and Gold Committee, and we are here to make sure that among all the studying and hard work there is a healthy amount of goofing off and entertainment!



At this point you may be wondering: "What could the Blue and Gold Committee possibly do that is more fun than studying calculus for hours on end?" Well luckily we cleverly anticipated that question and are prepared to answer it! (If you weren't thinking that, just pretend you were.) We are a social club that runs events throughout the year and into the summer. Past events include bus trips to Oktoberfest, other (less awesome) schools, and small town bars.

You might say "bus trips take me too far from my textbooks!" Fortunately, we run events here at Skule™ as well! These include movie nights, bowling, tobogganing, and the ever awesome F!rosh and Godiva weeks! During F!rosh week we host the all-important bed races as well as construct a float for the parade. After F!rosh week, at the beginning of the second semester, comes the amazing, stupendous, incredible GODIVA WEEK!! After all of you F!rosh have become hardened veterans of a full semester of Engineering at Skule™ we welcome you back for another fun-filled semester with Godiva Week, the Engineering spirit week where the Blue and Gold Committee hosts tons of awesome events ranging from talent shows to car smashes, with many BEvERages consumed in between.

But wait!! There's more!! (Enough to make Billy Mays jealous.) In addition to all the awesome social stuff, we also have a bevy of power tools at our disposal which we use frequently throughout the year. Building things is a large portion of what the Blue and Gold Committee is here for, and we provide assistance to other clubs and student organizations who require power tools for (hopefully) legitimate reasons.

Some of you may be thinking "I don't know how to use power tools, so this doesn't help me!" Don't worry, we can help with that as well! During first semester we host Tools 101 which is an event designed solely to teach F!rosh how to effectively wield power ... tools. Following Tools 101 you are free to come out and help anytime we are building things. If you need assistance for any school-related or personal projects, feel free to ask, we're totally willing to help, or find somebody who can.

"So how can I be a part of this?" is a question that I am sure many of you are thinking right now (you better be!). Simply visit our website and join the mailing list at **blueandgold.skule.ca**, email us at **blueandgold@g.skule.ca** or speak to one of the chairs to get involved with this amazing committee!

See you all at F!rosh Week!

Alejandro Mejia, MSE 1T4 + PEY

Aidan Solala, Mech 1T6

Blue and Gold Committee Chairs 1T4-1T5

HI-SKULE

Hi there 1T8s!

I'm Maddy Santia, one of this year's Co-Directors for the Hi-Skule Liaison, along with Ishan Juneja. Let me tell you: Skule™ is such an amazing place to be! I came into my first year thinking I'd be just another number, but I was wrong. U of T is the best decision I ever made.

Our role in EngSoc is the Hi-Skule directorship. The Hi-Skule Committee's main purpose is to run outreach initiatives for high school (get it – Hi-Skule?) students to show them what engineering is as an undergraduate program and profession. To get an idea for what we do, a couple of the design competition events in our portfolio are: Designapalooza, and the University of Toronto High School Design Competition.

However, Hi-Skule is also plays a role in events like Post-Offer, Ontario University Fair and the March Break Applicant Event. For even more information check out our website at hiskule.skule.ca or feel free to email us at hiskule@skule.ca!

Flrosh can also get involved by checking out our table at the clubs fair during Flrosh week and by signing up for our volunteer list!

Maddy Santia, Indy 1T7

Ishan Juneja, Mech 1T6

Co-Directors, Hi-Skule Liaison 1T4-1T5



Looking to build your career? The You're Next Career Network is your go-to career development hub. We help you **discover career paths**, **prepare for your job hunt**, and **apply to the positions** you want. Check us out at yourenext.ca to learn about the companies we bring to U of T and the workshops we run.

Last year, we brought Apple, Tesla, Facebook, and some of Canada's hottest startups to campus for the first time. In addition, RBC, Procter & Gamble, and Accenture developed deeper connections with U of T engineering & IT students. This year, we are focused on increasing the presence of energy, biomedical, and manufacturing companies.

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Student Stream: **Launchpad**

Through our specially-crafted workshops and sessions, Launchpad will help you to become a master builder of your professional life. Pieces like **resume crafting**, **interview prepping** and **year mapping** will be put together to create the yellow Lego road to your dream career.

 Discover

 Prepare

Corporate Stream: **Career Fair & YouX**

The corporate team brings the big Legos to the floor! Through a career fair we bring **100+** of the sexiest companies to campus, and we even host **exclusive events** for the biggest names out there to help you fit your Legos in their puzzle (get a job)!

 Discover

 Apply

Startup Stream: **The Startup Hub**

Welcome to Startup Hub! We are building a startup community right here in SKULE! Come out to our unique events and definitely do not miss our Startup Career Expo, one of Canada's **LARGEST startup fairs**! We'll provide you with the coolest opportunities to meet the most innovative startups, and work with the hottest companies! Join our community and let's get started on building you up!

 Discover

 Apply



facebook.com/UofTYoureNext



UofT_YoureNext



www.yourenext.ca

SKULE™ NITE

Hello! My name is Sean and I'm the Director for Skule™ Nite 1T5. Firstly, I'd welcome you to Skule™! Though it won't seem like it two months from now when you're buried in midterms, you're embarking on one of the most memorable journeys you'll experience in your life! You're probably feeling excited/scared/confused all at the same time, and that's totally normal! What I want to say to you is that while Engineering may seem daunting, I implore you to explore what Skule™ has to offer and try new things. I, for example, tried my hand at Skule™ Nite, and it has, with no exaggeration, changed my life. Skule™ Nite is U of T Engineering's annual sketch comedy and musical revue. 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! Do you play an instrument? Join the Skule™ Nite Orchestra! If you love being behind the scenes, lighting, sound, SFX, painting, costuming, prop making, or stage crewing (or all of the above!), we need people like you! Email skulenite@skule.ca if you want to get involved in any capacity; we love new members joining the Skule™ Nite family! Skule™ Nite or not, try to find something you enjoy and make the most of your years in Skule™!

Sean Sit, Indy 1T2 + PEY
Director, Skule™ Nite 1T5



SKULE™ KUP & EAA



SKULE™ KUP

Wassup F!rosh dawgs! This is your evil event planning Mastermind speaking. I'd like to share my virgin university experience with you.

Personally, I had trouble keeping in contact with my F!rosh Week friends after two weeks into September. As assignments and exams piled up, so did stress. Even though I still wanted to be involved in the Skule™ community, I feared the commitments to clubs.

As a result, Skule™ Kup provides an excellent opportunity for everyone to have fun in a social environment. You can come out to any Skule™

Kup events: once, twice, five hundred times -- no strings attached. There are events every month, so you can de-stress often as exams kick you in the balls or ovaries or other body parts. Bring your friends for some group fun or come solo, everyone is welcomed. You can meet up with your F!rosh group buddies and compete against each other. Skule™ Kup gives you a chance to demonstrate unconventional skills and creativity in a series of friendly interdisciplinary competition all year long. The goal of Skule™ Kup is to let people meet each other outside of their own classes, and bring together the Skule™ community. This is not an exclusive club, just bring yourself and join us at any event.

Bonus: Winning discipline receives a trophy (and bragging rights) at Matriculation every year.

Rock on,
Beaver Chih, Mech 1T6
Skule™ Kup Director 1T4-1T5

ENGINEERING ATHLETICS ASSOCIATION (EAA)

The Engineering Athletics Association (EAA) is the body that governs Skule™ athletics. Our mission is to provide a safe, fun, and inclusive community for all engineering students. We organize all Skule™ intramural sports teams, interdisciplinary sports leagues, tournaments, and new this year 'Teach Me How To' workshops. We have teams from Ice Hockey to Cricket, from Volleyball to Rugby and everything in between. Ever tried Lacrosse? Ultimate? Softball? Innertube Water Polo? How about co-ed sports? If you can walk, run, throw, jump, swim or skate or even if you can't do any of the above - we need you! We've also got some cool clubs where you can experience rock climbing, skiing, and much more! For more information about EAA or to sign-up for our mailing lists, check out our website at eaa.skule.ca. If you have any questions, feel free to reach us at president@eaa.skule.ca.



Marissa Goldsmith, Indy 1T4T1 + PEY
EAA President 1T4-1T5

UTEK & SGT

UNIVERSITY OF TORONTO ENGINEERING KOMPETITION (UTEK)

Greetings! My name is Maya and I'm in fourth year mechanical engineering by way of the TrackOne program. During my time here, I've been fortunate enough to lead the Lady Godiva Memorial Bnad, work on the Blue Sky Solar Racing team, and be involved with a handful of other organizations.



This message in particular is brought to you courtesy of my role as Director of 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. We'll be looking for participants and volunteers soon, so check out utek.skule.ca for more fun facts.

Whether you end up joining UTEK or not, getting involved will lead you places you might have never considered. You're going to hear this a lot throughout Frosh Week, but doing something outside of classes is probably one of the most important things you can do for yourself here (except for not failing, I guess). After this week, it's going to be up to you to discover all the cool things that go on in our happy little community. Don't waste these incredible opportunities for something silly like not knowing anyone or getting enough sleep.

Some ideas to get you started? Participate in UTEK, of course! JOYN TEH BNAD. Join a design team. Go to the gym. Go to SUDS. Just go get involved in something that's not classes!

Hope to see you around!

Maya Zhang, Mech 1T4 + PEY
UTEK Director 1T4-1T5

SKULE™'S GOT TALENT

Welcome, 1T8s. You will soon begin your foray into the (not so) mysterious world of engineering. Every one of you obviously has brains and talents, especially since you've chosen to come to U of T Engineering. And these talents will be put to good use! During your four years here at Skule™, you will show-off your extraordinary talents in calculus, your astounding ability to stay awake three nights in a row to finish projects, your god-like gaming skills, your infinite capacity for procrastination, and your perplexing affinity to sleep anywhere, at any time. But what about during your time spent away from gruelling labs, assignments, and studying for quizzes, midterms, and exams?

Do you possess an amazing talent other than excelling at the above? Maybe you're a singer, a musician, a dancer, a dramatic reader, or a magician. Maybe you just like watching others perform astounding talents and acts. Whichever you are, Skule™'s Got Talent is the place to be! Presented by Skule™ students for the Skule™ Community and starring you! Come and watch the talent show brought to you, with private auditions and a big public finale. Any and all talents welcome to come out and perform! This is one extraordinary show you don't want to miss!



Keep it real 1T8s and see you at the live show!
Skule™'s Got Talent Executive Team, 1T4-1T5

CLUBS

HUMAN-POWERED VEHICLE DESIGN TEAM | hpvdt.skule.ca

Have you ever pedalled a bicycle over 120 km/h? We have. The goal of HPVDT is to push the limits of human-powered transportation through improved efficiency and practicality. Each year, we design, build, test, and race a new high-performance human-powered vehicle. We compete in engineering competitions, international speed tests, and other race events. U of T's HPVDT is internationally recognized as a leader in performance and innovation. If you're looking for a place to excel, this may be it!



UNIVERSITY OF TORONTO
HUMAN POWERED VEHICLE DESIGN TEAM



UNIVERSITY OF TORONTO FORMULA SAE RACING TEAM

recruitment@fsaeutoronto.ca

Want to go fast? The University of Toronto Formula SAE Racing Team is a student-run club which designs, builds and races a Formula style race car every year. Students are responsible for not only design, construction and tuning but also for finance, sponsorship, media and logistics. This creates a true entrepreneurial learning experience for our members. Members also get to apply concepts from the classroom to actual engineering problems. The University of Toronto Formula SAE Team has built its reputation as one of the top ranking Canadian teams during its 15 year history and competes on the international stage. Recruitment events begin in the first week



of the Fall Semester so keep an eye out for us during F!rosh Week. Email us or drop by our shop in Haultain, Room 102. We look forward to seeing you in the coming year. Welcome to U of T!

UNIVERSITY OF TORONTO CONCRETE CANOE

canoe.skule.ca | ut.canoe@gmail.com

Crazy as it sounds, concrete canoe is a club that works all year to create just as the name suggests... a canoe made out of concrete! There is much more than just cement and aggregates though. If you are interested in materials testing, structural analysis, hull design, paddling, accounting, costumes or drawing/painting, Concrete Canoe has something for you. We have events in the beginning of the year including Canoe Goes to the Beach, Create Your Own Mini-Canoe, and weekly meetings every Saturday throughout the year. We compete in a number of competitions—the largest being the national competition in May, which Toronto is hosting this year. Email us, visit our website, and like us on Facebook "University of Toronto Concrete Canoe Team". No requirements to join, all disciplines and years are welcome— just come out and join us for a good time.



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UNIVERSITY OF TORONTO BAJA TEAM | baja.skule.ca

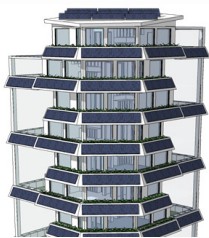
At the University of Toronto Baja Team, we design and build vehicles that go fast, everywhere. As a member of our team, you will learn real engineering (beyond the books) and how to make cool stuff.

There are also opportunities to do real business, like hustling sponsorship money and selling our products. Every year, we race our vehicles (and go off sweet jumps) in off-road races in the United States and Quebec.



UNIVERSITY OF TORONTO SOLAR HOUSE DESIGN TEAM

The Solar House Design Team is an interdisciplinary team that strives to design sustainable, net-zero energy solar-powered homes, with the goal of ultimately competing in the international Solar Decathlon competition. Work is really self-driven, and there's plenty to learn and discuss! For the majority of the winter 2014 term, the team has focused on a design submission for the inaugural Challenge Home Student Design Competition held by the U.S. Department of Energy. We have also served as a client for several F!rosh teams for APS112 on different design projects for our conceptual house. Look out for an information session early in the coming school year!



UNIVERSITY OF TORONTO - DESTINATION IMAGINATION destinationimagination@sa.utoronto.ca | michael.bazzochi@mail.utoronto.ca

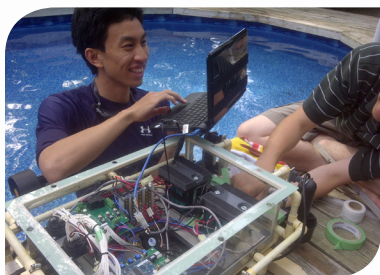
Destination Imagination (DI) is the world's largest creativity and problem solving competition. Each year six central challenges are issued, combining in varying degrees the following themes: technical design, fine arts, scientific research, improvisation, structural/architectural design and service learning. The U of T DI teams compete internationally at the Global Finals in Knoxville, TN, where they compete against Universities worldwide. U of T DI also appraises at local competitions and provides mentorship to many high school and elementary level teams through workshops and presentations. U of T DI currently has the highest ranked University Level Canadian Destination Imagination team and holds much prestige and respect in the DI community. In addition, this year there will be four new challenges focusing on aerospace & aviation, energy & environment, cyber technology & security, and health & nutrition.



CLUBS

UNIVERSITY OF TORONTO MECHATRONICS DESIGN ASSOCIATION (UTMDA)

mdaskule.wordpress.com | mech.design@utoronto.ca



We, the Mechatronics Design Association, are looking for enthusiastic individuals to join our small team in building AquaTux, our autonomous robotic submarine. We have been building and rebuilding and improving upon our submarine since 2005 for the purpose of attending the international RoboSub competition held in San Diego every year. Our primary sub-teams are Software, Electronics, and Mechanical. Even if you're not interested in

these areas, we could certainly use help in T-shirt designing, finance managing, external relations maintaining, sponsor researching, club outreaching, resource organizing, competitor submarine sabotaging...

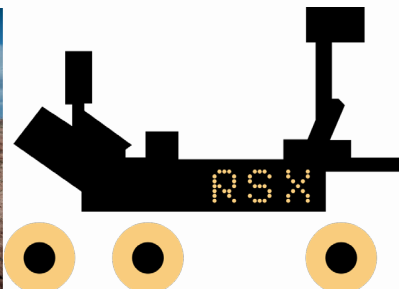
ROBOTICS FOR SPACE EXPLORATION (RSX)

rsx-utoronto.com | [@rsx_utoronto](https://facebook.com/RSX.UofT) | contact@rsx-utoronto.com

Robotics for Space Exploration is a space robotics and exploration team dedicated to designing and building planetary and lunar exploration technology. Our latest projects include Origin, our first Martian rover which competed in the harsh desert of Utah at the Mars Society's University Rover Challenge 2014, and a high-altitude balloon set to reach the depths of the Earth's stratosphere.

We are a highly multidisciplinary student team with members spanning all engineering faculties as well as science, physics, astronomy and business. From astrobiology and designing robotic arms to wireless communications and space flight, you're sure to find ways to hone your interests through RSX.

If you ever find yourself gazing at the wonders of space and are passionate about robotics and space exploration, join Robotics for Space Exploration, the only team at U of T where the sky isn't the limit!



CLUBS

UNIVERSITY OF TORONTO ENGINEERING IRON DRAGONS

dragonboat.skule.ca | dragonboat@skule.ca

[@SkuleDragonBoat](https://www.instagram.com/SkuleDragonBoat) | [youtube.com/user/uoftirondragons](https://www.youtube.com/user/uoftirondragons)

The Iron Dragons is a dragon boat race team consisting of paddlers and coaches from Engineering at U of T. This sport involves moving a 20-person boat down a patch of water as fast as you can. This past season, we have overcome the reigning world champion university crew, New College New Dragons!

Racing with two separate boats, Blue and Gold crews have been busy all summer long, practicing and attending race festivals. If you want a great way to stay in shape, then look no further. We begin our dry land training in January and finally hop on the boat starting in May. You'll also be able to meet lots of new people and have tons of fun, no paddling experience required! We begin tryouts early in first semester, so watch out for our posters.



SPARK DESIGN CLUB

spark.skule.ca | [facebook.com/sparkuoft](https://www.facebook.com/sparkuoft) | [youtube.com/user/sparkuoft](https://www.youtube.com/user/sparkuoft)

The Spark Design Club aims to promote creativity and design on campus, create a fun and inspiring atmosphere for the Skule™ community, and provide a platform for our members to gain hands-on experience with tools, soldering, and problem solving, to name a few. We do this by designing, prototyping, and building giant, interactive, engineering-related displays! To take part in the building of these awesome displays, join us at our monthly workshops which are open to all students. They are where you will saw, drill, solder, paint, and perhaps even debug to your heart's content. No previous technical experience is required!

Fun. Engineering. Spark.



CLUBS

SKULE™ ORCHESTRA | skulemusic.ca/orchestra

Skule™ Orchestra is a student-run symphonic orchestra of roughly 50 string, wind, brass, and percussion instrumentalists. The orchestra is a place where students can have fun playing music ranging from Beethoven to The Beatles, learning about music, and relaxing with friends at weekly rehearsals. The orchestra's annual events include Pops, our season debut featuring well-known movie themes and other classics, Moment – The Valentine's Ball where guests dance to waltzes and foxtrots performed by the orchestra, and Symphonic Boom, our season finale featuring works such as Nielsen's 1st Symphony. If you play an instrument and are looking to keep up your musical passion, this club is for you.

If you'd prefer listening to others play, be sure to check out Skule™ Orchestra events and concerts, as well as the rest of Skule™ Music. Look out for Open Rehearsal and Auditions in Early September.

TALES OF HARMONIA

talesofharmonia.ca | talesofharmonia@utoronto.ca

Tales of Harmonia is an eclectic choir that celebrates music in all its beauty, glory, and majesty! We're a group of singers who enjoys music from all walks of life. We aspire to achieve harmony by being mindful of the concept of balance. Whether it's the balance in our voices or the themes and pieces we present, we aim to attain that sense of equilibrium. We're a university-wide choir of about 30-voices and revel in creating a musical environment that's all-inclusive, non-discriminatory, and at times geeky! You'll find that Tales of Harmonia is a choir that's as unique as its name.

Timeline: 1 Concert per Semester with various Gigs and other Performances sprinkled in between, as well as socials and 1 overall Choir Retreat

Recruitment: Once per beginning of each Semester, Auditions will be held during F!rosh Week and Godiva Week



CLUBS

CHINESE ENGINEERING STUDENTS' ASSOCIATION (CESA)

cesa.skule.ca | facebook.com/utcesa

renren.com/397036949 | wechat: **utcesa**

The University of Toronto Chinese Engineering Students' Association (UTCESA) is a student-run, non-profit organization dedicated to promoting Chinese culture, friendship, and communication between its awesome members! Don't be fooled by our name (it's really just a synonym for delicious free food); everyone is welcome at CESA! This school year marks CESA's 40th year, and to celebrate, we have many, many great events planned. From social nights to sports tournaments to those pesky APS assignments, CESA has you covered. Whether you're here to eat, play, or study, let CESA become your home away from home. Look for us on Clubs' Day! Tell us you found CESA through F!rosh Handbook for an extra gift.



THE INDIAN STUDENTS' SOCIETY

issuoft.ca | facebook.com/groups/issuoft | issutsg@gmail.com



The Indian Students' Society (ISS) is a secular student run organization with a motive to celebrate and promote India's rich multicultural heritage. We host a bunch of

events and activities that cater to a varied audience! From cultural, academic and social events to even having our own sports and dance team, we provide you with plenty of ways to be engaged. Our main aim is to build a smaller community within the larger U of T diversity and create a home away from home experience for you. ISS begins operations in full swing during September and we would love for you to be involved right away! Open to everyone and anyone, look out for the Indian Students' Society and stay tuned for some exciting events (and samosas!)

POWER TO CHANGE ENGINEERS

facebook.com/p2cuoft | p2c.uoft@gmail.com

Engineers at U of T are known for our capabilities in solving problems with innovative minds, from humanities to scientific issues. Power to Change Engineering is an interdenominational Christian group that is dedicated to serving engineering students by helping them



POWER
to
Change®

solve life's toughest questions. We want to be a spiritual resource to engineers, giving all students an opportunity to think about spiritual issues, as well as helping Christians grow in their faith. Join us in our weekly meeting where we gather and discuss life's larger questions, recurring every Thursday at 5:00-6:30pm in Wycliffe College, Sheraton Hall. Also join us in our weekly in-depth study on the Christian faith, and be on the lookout for our booth at club's day!

CLUBS

SUSTAINABLE ENGINEERS ASSOCIATION | sustainable-engineers.org



Sustainable Engineers Association

Ever think the Earth is pretty great and you want it to stay that way? How about that there's always a more efficient way of doing things? Then you'd fit right in at the Sustainable Engineers Association, which is awesome because we host some amazing events ranging from field trips to seminars to workshops and an annual conference. Besides hosting all those events, we also act as a platform to introduce students to numerous research and job opportunities. Ultimately, SEA is for passionate individuals who are interested in increasing awareness in sustainable development including energy, technology, infrastructure, business development, and so much more. Think that could be you? Check out our website or visit our Facebook group "Sustainable Engineers Association (SEA)".

BIOENGINEERING STUDENTS ASSOCIATION

best.skule.ca | facebook.com/best.skule | best.skule@gmail.com

Hey F!rosh! Bioengineering is an exciting field that is rapidly expanding to provide career opportunities and experiences for engineers of every discipline. The BioEngineering Student Association (BES^t) wants to help connect you with experts in the field and showcase possible career paths by hosting speaker series, mixers, workshops and tours. If you're interested in bioengineering or would just like to know what bioengineering is all about, come out to our AGM in September!



CANADIAN SOCIETY FOR CHEMICAL ENGINEERING (CSCHE)

csche.wordpress.com

The Canadian Society for Chemical Engineering (CSCHE) is the University of Toronto student chapter for the national society. Over the Skule™ year, we host a series of professional, academic and social initiatives for our members. Some of our awesome events/activities include going to the national conference, Halloween party,

Industry info night, Plant tours, CSCHE Coffee House and Mentorship. If you are a CHEMMIE, you are automatically a member. If you are not in CHEM but still interested to participate, we have an open meeting policy and welcome all to our events. We hold biweekly open meetings, so you can come out and participate in planning the events as well. For more information, visit our website and like us on Facebook.

GALBRAITH SOCIETY | facebook.com/GalbraithSociety

The Galbraith Society aims to bridge the gap between the engineering you learn in Skule™ and applying this knowledge to a research setting. We provide a unique academic experience for undergraduate engineers through our Faculty Mentorship Program and our Undergraduate Engineering Journal. The Faculty Mentorship Program offers the opportunity to explore your preferred field of interest by working directly with an academic leader on a research project, while networking with like-minded engineers and members of the academic community. In addition, the Galbraith Society also publishes the first peer-reviewed journal focused on displaying undergraduate engineering research at the University of Toronto. Throughout the year, workshops and seminars are also provided to build useful academic skills, such as how to write journal articles and information about developing ideas for research topics.

Keep your eyes open for our applications to the Faculty Mentorship Program in September! In the meantime, for more information about Galbraith Society and our events, please visit our Facebook Page: Galbraith Society.

UNIVERSITY OF TORONTO ENGINEERING TOASTMASTERS (UTET)

facebook.com/utettoastmasters | toastmasters@skule.ca

UTET is a part of the world renowned Toastmasters International which empowers people to achieve their full potential and realize their dreams by providing a platform for public speaking and leadership development.

UTET strives to assist members in:

- Overcoming the fear of public speaking
- Learning how to use body language (gestures) effectively.
- Sharpening speech preparation and organization skills.
- Learning how to critique and evaluate speeches.
- Improving on the ability to perform impromptu speeches.



We welcome all U of T students to join our weekly meetings!

**UNIVERSITY OF TORONTO EMERGENCY FIRST RESPONDERS**

utefr.ca/join

UTEFR is a student-led volunteer initiative to provide first aid education and treatment to the campus population. We are recognized as the official Campus Emergency Response Team for the University, and as such have covered a range of events from conferences to sporting events to convocation. UTEFR offers both educational and response services. We provide affordable first aid courses for students to learn first aid skills and become certified to administer those skills.

We also organise regular workshops for students to practise their skills. Anyone is welcome at our workshops! These are aimed at the general public, and give you the day-to-day skills needed to deal with life's emergencies. Once you're certified, we'd also love to have you on the patrol team!

CLUBS

UNIVERSITY OF TORONTO IHI OPEN SCHOOL CHAPTER utihopenschool.ca

The Chapter for Healthcare Improvement at the University of Toronto is an interdisciplinary group of students with an aim to



Open School

University of Toronto Chapter

make tangible real world improvements in the quality of healthcare in Canada. The Chapter provides members with opportunities to practice and learn about systems thinking, patient safety and quality improvement. Our mission is to develop students' foundational skills in these areas through education and practical experience. This is done by offering a monthly seminar series by experts in the field, hosting an annual conference, and organizing quality improvement projects as well as an observerships/shadowing program. Our vision is for every Toronto student involved in healthcare to teach and practice quality improvement and improve patient safety, allowing for a longer term transformation in the healthcare organizational culture.

NSIGHT MENTORSHIP PROGRAM



NSight is a mentorship program that aims to assist F!rosh in dealing with issues outside of coursework, such as time and stress management, electives and option selection, and transferring out of EngSci. F!rosh are paired up with upper-year

mentors who will guide them throughout the year and provide help and advice when needed. We also hold general events such as student-professor mixers, summer employment opportunities, and exams strategy sessions to help them get acquainted with their peers, University faculty, and the resources available to them as students.

UNIVERSITY OF TORONTO SPACE DESIGN CONTEST (UTSDC)

The University of Toronto Space Design Contest (UTSDC) is a student-run organization that holds annual design contests for high school students. We provide an opportunity for students across the world to challenge themselves at a post-secondary level and develop an interest for the fields of engineering and sciences. Participating student teams of up to 5 propose and present a solution to address a current space-related problem as defined by the contest. Throughout the year, a series of workshops and seminars will prepare the students for the two day design conference and allow them to interact with a wide diversity of academia and industry experts. As



Space Design Contest

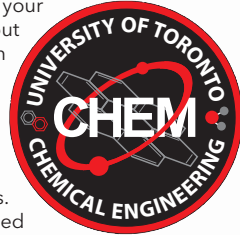
a F!rosh, you can help us organize workshops and design challenges, attend our speaker seminars and join our mentorship program as a mentor where you can share your experience in engineering design with high school participants and guide them through the design process!



DISCIPLINE CLUBS

CHEMICAL | chem.skule.ca

Hey Chem 1T8s! Welcome to Chem Eng at U of T! Chem Club is your official discipline club and we plan a ton of social events throughout the year! We host two annual barbeques and a Dinner Dance in the fall and various movie and board games nights throughout the year. We also organize an event called a "Smoker" at the beginning of each semester where upper year students will sell their used textbooks for greatly reduced prices! On top of all this, Chem Club manages the undergraduate common room where chem eng students come to eat lunch and take breaks. The common room is located in WB 238 and is fully equipped with computers, couches, a Nintendo Wii, TV and of course a foosball table. I hope you guys are excited for first year!



CIVIL | civ.skule.ca



CIV CLUB

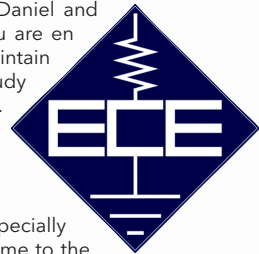
The Civil Engineering Discipline Club, or Civ Club, organizes many social, academic, and networking-related events for all Civil Engineering undergraduates throughout the year. We operate out of the first floor of the Galbraith building in our common room, and would love to see F!rosh stop by at any time, with ample space to pull out your books and laptop, relax on the couch, or hang out with friends.

We've created a Mentorship program with you in mind - pairing upper year Civil students with you, the F!rosh, to provide a network of reliable, dedicated and friendly support to help you with the transition from high school to the undergraduate studies and lifestyle. If you haven't been contacted about this program and are interested in joining, let us know!

Our website provides information about members of the club leadership, club activities, and documents from past years of the club. Listed on the front page is a full collection of contact information for all the club representatives, from Finance to Mentorship Coordination. Send us an email if you have any questions, and welcome to Skule™!

ELECTRICAL AND COMPUTER | ece.skule.ca

We, from ECE Club, welcome you to Skule™! My name is Daniel and I am the ECE Club Chair. Joining as an Engineer means you are en route to becoming the best and brightest you can be! We maintain a structured partnership with faculty providing functional study areas and resources, such as study halls and computer labs. And, when you need to relax, come to our common room where you can enjoy some complimentary Netflix or some foosball with friends.



When I was F!rosh, I found it difficult to meet people, especially commuting to and from Skule™. My love for sports brought me to the Engineering Hockey team where I made lifelong friends. I'd encourage you to get involved with groups around Skule™, and ECE club would be a great place to start! Join our Facebook group to get details on the numerous events we hold throughout the year including ECE Board Games Night and ECE Dinner Dance!

Engineering will be tough, but we can help to make it easier. Drop by our office, our executive team is always willing to lend a hand!

DISCIPLINE CLUBS

ENGINEERING SCIENCE | engsci.skule.ca | engsci@skule.ca

Welcome to EngSci Life! As you embark on the difficult journey that is EngSci, there are three P's that will assist you in weathering the rocky roads and long nights: People, Personal interests, and Perseverance. Your relationship with your peers, the pursuit of your interests, and your ability to challenge everything that comes your way can make the next few years the best of your life!



Throughout my years here at U of T, I have truly come to believe that EngSci is a way of life. This does not mean that all we do is work... rather that we strive to do our best in everything we pursue. Whether it is at work, home, studies, extra-curricular, socialising, sleeping, or even procrastinating, we take it all to the next level. Every Engineering Science student is a member of the Engineering Science Club and our aim is to provide for your needs and bring you events that supplement those three P's. So come on by the club office to say hi! Our community has carried me through thick and thin and I am so excited to have the opportunity to welcome you all to the family!

INDUSTRIAL | indy.skule.ca | indy@skule.ca

Hi Indys, welcome to Industrial Engineering and your first year at Skule™! We are super excited that you are here! You are now officially a member of Indy Club. Indy Club is here to accommodate the needs of all Industrial Engineering students both socially and academically. For our members we provide locker space, helpful course materials, Indy swag (hoodiez, T-shirts, patches), and representation on all things academic. We also happen to organize some craazyee fun events including the ah-mazing MIE dinner dance, spectacular MIE coffee house, BBQs, and textbook smokers. Don't miss out on any of these events, they are great opportunities to meet other Indy students! To find out more, come stop by the MIE common room (MB 225A), visit our website, email us, or join the team by running for first year Indy class rep in September! Stay classy, F!roshies :)

MATERIALS | facebook.com/groups/mseclub | mse@skule.ca

Hey MSE 1T8s! On behalf of MSE Club, welcome to your first year at Skule™! MSE Club is here to help foster the unique tight-knit community that exist in MSE and to make sure you make the most out of your university experience. On the academic side we're here to represent our students to the department, voice any concerns or issues you may have, and to ensure they are followed up on. We know how to have fun as well. If you are looking for social events throughout the school year we've got you covered! We'll be holding events throughout the year such as Buckyball - our annual dinner dance, intramural sports & tournaments, book smokers, BBQs, and game/movie nights, just to list a few. These events not only give you a chance to take your mind off school and relax, they are also an excellent opportunity to meet people in your class and other upper years in MSE. If you just want a place to chill, make sure to check out our fully loaded common room in WB143 with a brand new TV, Wii, new foosball + ping pong tables, fridge + microwave, comfy couches, and lots of table space. It is never too early to get involved in extra-curricular activities! If you are interested in doing more than just participating in our events and being a part of all this, or just have suggestions or questions regarding MSE, let us know. Come talk to any of our club execs who you'll meet during F!rosh week at the discipline club event.



Go join our Facebook group if you would like updates on upcoming events and keep an eye out for the MSE Club digest in your inbox!

DISCIPLINE CLUBS

MECHANICAL

AYOOOOOOO F!rosh! Welcome to Skule™! Coming to Engineering at U of T was the correct decision, and the next step is to make sure you get the most out of the experience while you're here. That's where MechClub comes in. F!rosh week is going to be amazing but once that's over MechClub always steps up and puts on the wildest events to keep the spirit up!

Come out and participate on MechClub Intramural Sports Teams, take part in our Professional Development Series, which gives you a step up in school, or just stop by the MechClub Office on the second floor of the Mining Building to grab some MechSwaug. And don't forget to check out the MIE Common Room - MB225! We'll be holding the first Book Smoker Event so that you can get your textbooks cheap, and the first (and wildest) Dinner-Dance of the year. That's what we're known for and that's the way we're going to keep it.

Make sure to make it out to the discipline club event during F!rosh week so you can meet the exec team, we'll be here to make sure your first year will be KICK BUTT. Once again, welcome to Skule™ and Git-R-Done!

MINERAL

One might wonder which discipline is the best, WELL YOU SHOULDN'T BECAUSE THE ANSWER IS MIN. On behalf of the best discipline I'd like to welcome you to Engineering! I'm Anthony Suppa; Min Club President, part of 1T5. Leading into my fourth year of engineering I've come to see U of T as my second home, and I've made some great friends along the way. Min club is a small close knit-community where you get to know all four years by name. The min room is the heart of this community, where you can hang out, play smash bros on N64 (it gets competitive, very competitive... challenge me I dare you) or just to have your lunch with some good company. One highlight of the year for us is MinDin, an epic annual dinner that can't be missed. How do you get involved and find out what events we're running? The best way is to just come to the min room and talk to the upper years, we'll keep you informed on all important events... the boring way would be to check your email though.



TRACKONE

Hello F!roshies! Did you choose engineering because you like numbers, but you're not sure what kind of an engineer you want to be? Worry no more, because TrackOne will save you! Imagine TrackOne as a yearlong food tasting festival. It lets you taste all the kinds with its classes and seminars for you to decide what to do next year. You'll enjoy every second of it, because TrackOne has the most enthusiastic community of all. Helpful upper years, counsellors and Mr. Trek Juan make sure we succeed our year as well as enjoying it. Here are some suggestions: **DO** go to the TrackOne Common Room (Room SF1106C); **DO** ask the stories behind the things in the common room; **DO** ask for help when you need it; **DO** hangout around the Pit after school - it's a great way to make friends! **DON'T** sleep in the common room after sunset; **DON'T** worry about it.

You'll soon realize that TrackOne is more than just a discipline (although we're not even one). You may be bunch of purple strangers walking around campus in September, but soon you'll become one huge family. What bonds us together is our common weakness: Indecisiveness.

#IsItFroshWeekYet

DINNER DANCES

DISCIPLINE DINNER DANCES

Throughout the year, there are a number of dinner dances hosted by the Discipline Clubs. They are spectacular nights of dining and dancing and are the perfect opportunity to meet new people and relax with friends. Whether you come out to all the dances or simply gloat about your own discipline's, these dinner dances are the perfect break from studying. Keep an ear out for ticket sales and get ready to dress up and dance the night away!

CANNONBALL

Cannonball is the grand conclusion of Godiva Week. It is the dinner dance that engineers from every discipline attend and unites the Skule™ Community. Unlike other formal, Cannonball features the firing of the mighty Skule™ Cannon accompanied by a performance by the Lady Godiva Memorial Band. In fact, the event is named after the Skule™ mascot: the mighty Skule™ Cannon.



The event is also where the newly crowned Mr. Blue and Gold and Godiva's Crown share their first dance. In addition, the evening is also a celebration of the new LGMB Baby Bnad Leedur and D(r)umb Miner, both selected during Godiva week.



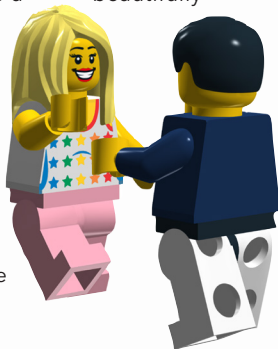
Cannonball is a wonderful opportunity to dress up, celebrate Skule™ traditions and make new friends of all years from all disciplines. Look for opportunities to help out with the event in the fall. Tickets go on sale in November and are sold out every year. Be sure to get your ticket early to join in the festivities.

GRADBALL

A formal that oozes more class than a penguin in a tuxedo suit, Gradball is a year-end formal open to all students in the faculty (yes, even you silly Flrosh!) to celebrate the completion of a successful year, especially for our upcoming graduates! Enjoy a night at the snazziest venue, with mouth-watering food, foot-stomping music, and the best company of friends you could ask for. And don't forget to share a few lasting memories while congratulating the graduating class on the end to a beautifully bittersweet journey!

S-DANCE

All year our athletes have worked hard and this is the night to celebrate! Hosted by the Engineering Athletics Association, you are guaranteed an awesomely fun night, filled with crazy energy and beautiful people. Open to all athletes and non-athletes alike, this dance should not be missed! Awards are given out to recognize athletic excellence and there may or may not be certain engineering groups that show, this being the last dance of the year and all.



STUDENT
LIFE



5



SKULE

ROGERS CENTRE

ROGERS CENTRE

ACCESSIBILITY SERVICES

Since its establishment in 1827, the University of Toronto has been one of the top post-secondary institutions in Canada. As U of T progresses into the future, it continues to modernize its views such that cultural, physical, and academic minorities are better represented and accommodated at this school. You'll find that a number of older buildings on campus have been retrofitted to include wheelchair accessible ramps and elevators and that many new classrooms have also been designed with the impaired in mind. For the individuals who seek guidance in their personal or academic lives, it would be a great idea to pay your guidance counsellor a visit.

It should also be noted that the guidance office operates hand in hand with Accessibility Services, a resource offered by U of T which works together with students, staff, and faculty to provide academic accommodations in order to support students with documented disabilities such that they may excel in all school-related endeavours. If you are a student that identifies with one or more of the categories below, we encourage you to register with Accessibility Services.

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

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

Accessibility Services also provides peer mentoring and links to financial support to registered students. To register, you must complete and submit a Registration Package along with supporting documentation to the Accessibility Services Office in Robarts library or at their new office located on Huron Street. If you think you qualify, check out their website, www.accessibility.utoronto.ca, for more information.

RESIDENCE

Moving into residence for the first time can be an incredibly eye opening experience. Many of you will get the chance for the first time to experience a true taste of freedom. No curfews, no bedtimes, no eating restrictions (provided that the caf is open), and absolutely no chores! That is not to say you should neglect all responsibilities, res will also 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 home away from home, you should make it a priority to keep involved in your community, reach out to make 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 make the effort to make the most of it! Whether you live in Chestnut, New College, Innis, or any of the other U of T residences, the following section will give you a number of tips and tricks to making the best of your first year in res!

RESIDENCE CHECKLIST

In addition to clothes, there are a whole bunch of stuff that silly F!rosh tend to forget to bring to their res. 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.
- ☐ 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.
- ☐ 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 gonna 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 gonna store fruits and BEvERages?
- ☐ TV/CONSOLE - Pro: Your friends are gonna love this. Con: Your friends are gonna 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 neighbours.

MASTER BUILDER'S TIPS

- 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: Here's an idea - treat school as a 9-5 job!
- MAKING FRIENDS: Don't be afraid to introduce yourself to EVERYONE. People generally don't bite...not usually, at least...

RESIDENCE

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, and varsity athletes aside from our engineering kin. It is located on the west side of campus, a couple minutes away from classes, and 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. Provided that you feel uneasy about anything with regards to your residence, it is always a great idea to consult your dons for help or for general conversation. Make sure you take advantage of the house socials for food and a nice break from studying!



CHESTNUT RESIDENCE

Located at heart of downtown, the 28-floor Chestnut is home to a lot of first year engineering kids. Chestnut arguably has the best food in residences and it is also one of the 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 too much on it since it is sometimes 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. P.S: Don't eat that sketchy looking curry bowl from the caf.



INNIS COLLEGE

Nestled at the north end of campus, Innis offers a unique suite-style residence experience. Flrosh brave enough to do their own cooking and cleaning get their own single room abutting onto a common living area shared with up to 4 other students, complete with a full kitchen and two bathrooms. Add in comfy common rooms with plasma TV's, a pool table, ping-pong, a music room, a small gym, and study rooms on every floor, and you may never want to leave the building! On the off-chance you decide to venture out of your room, Innis is located right next door to Varsity Stadium and the new Goldring Sports center, across the road from Robarts Library (and most importantly their cafeteria!), and only a short 10 minute walk from class. What Innis lacks in size it more than makes up in community. Be sure to get involved by attending and hosting house events, and participate in the annual residence-wide game of assassin!



COMMUTING

Hello, fellow commuter,

I greet you in solemnity and reverence, for the long journey (hundreds of journeys, in fact) ahead of you. Residence definitely beats commuting, but sometimes, the financial situation at home limits your chances at res/renting and commuting ends up being your best option. However, commuting does not have to be a chore, nor a waste of time! If you follow these tips, you'll find yourself enjoying your daily train, tram, subway, car, and bus rides while staying on top of your course work. Skule™ clubs and events, evening hangouts, and your sleep do not have to be sacrificed as a commuter, contrary to popular belief. If you work smart, play smart, and optimize your resources (friends, facilities, faculty) at Skule™, anything is possible!

① TRANSIT TIME IS USEFUL TIME - Whether your commute is thirty minutes long or two hours long, don't waste your time playing Candy Crush the whole time. If you struggle with sleep, figure out the duration of your journey, set an alarm for that time minus five minutes, and have a worry-free nap! If school work is at the front of your mind, download PDFs of your textbook onto your laptop or mobile device and work from there - even two math questions in half an hour is better than none!



② SLEEP OVER IN RES - Although this might not be as feasible in the earlier months of Skule™, you'll find that the close friends that you make later in the semester can be incredibly accommodating. In the case that you crash often, it is advisable to pick up a cheap (\$30) twin-sized inflatable mattress and a sleeping bag from Canadian Tire which totally beats sleeping on the floor. **DON'T BE GROSS** - have a change clothes ready for showers and keep a toothbrush on you.

③ RENT A LOCKER - Visit lockers.skule.ca to find the perfect locker for you. Rosebrugh, Wallberg, and the Mechanical Engineering building all offer lockers for engineering students. Additional lockers with different rates can be found in most buildings so keep an eye out!

COMMUTING

4. BE SMART WITH FOOD - If you pack lunches, try to prepare them the night before since it can get messy in the mornings if you're running late. Pack loads of snacks for the day, but avoid heavy ones (generally wet foods like yogurt) if your bag is dragging you down. Visit nourishmeforfree.com/uoft to find your daily stops for free food around campus! And lastly, keep hydrated throughout the day by bringing an empty reusable bottle in the morning and filling it at Skule™.

5. STAY INVOLVED - As hard as this may seem, if you're commuting, you'll want to try your best to find your roots at Skule™ in order to avoid feeling alienated as a commuter.

TRANSPORTATION SERVICES

TTC | www.ttc.ca

The TTC is probably one of the cheapest and most frequented transportation services available. It can be used to travel within the city limits and in some cases, even beyond that. But beware of the rush hours during the day and the frequent delays. A post-secondary monthly pass will cost you \$106/month plus the one-time cost of obtaining the post-secondary ID card for \$5.25.



GO Transit | www.gotransit.com

Faster, more reliable, and much more comfortable than the TTC, taking the GO makes for a better commute. However, there are limited routes and will probably cost you more than if you took the TTC. Look into obtaining a PRESTO Card (prestocard.ca) for some savings. You can also use your PRESTO Card for the TTC, but be careful - not all TTC services or stations accept PRESTO so you may want to look into also getting a monthly TTC pass or buying a few tokens.



U of T Shuttle Bus

www.utm.utoronto.ca/shuttle

Students that live close to U of T's Mississauga campus are in luck because there's a shuttle bus that can take them from campus to campus. The cost is \$6/ride or \$500/semester pass.



Google Maps | maps.google.ca

Google Maps has Toronto transit schedules built into its system. It's a very handy and easy way to plan your route from home to school.

RENTING

So Fresh, you think you're hot stuff and want to live on your own in first year? Well depending on your circumstances, you could either have the time of your life, or you might feel like you picked the short straw. Most of your friends will opt to accept their residence offer, where they'll be spoon fed every meal, and will likely sleep in the company of their roommate(s) – those who don't live in res will likely be commuters spread across the GTA. But you, my friend, are a trooper, you will choose to cook your own meals, sleep alone, and take on numerous other challenges because that is just how you roll. This segment will give you most of the tips and tricks you'll need to find a respectable place in terms of quality, proximity to campus, and price.

The first step to a house search is determining the best places to look. Try the U of T Housing Facebook page, Craig's List and Kijiji, PadMapper, and the Housing Services U of T website. Once you've successfully caught the attention of a buyer, your first priority is to coordinate a viewing appointment of 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 collect more information about the potential house-dynamic. The last thing you want to do is listen to Ciley Myrus, or your neighbours getting it on through paper-thin walls while you're trying to get some work done (unless you're into that kind of stuff, then it might be a selling-point).

Price point! It's easy to find a respectable room for yourself near campus for under \$650/month if you're diligent and don't mind sharing the place with a couple of 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 condo or apartment somewhere on and North of College/ Carlton Street where the livin' is sweet. Let it be known that basement apartments are actually dirt cheap in comparison to above-ground lodging. So if you don't mind the bunker arrangements, this can be a comfortable and affordable option!

MASTER BUILDER'S TIPS

- Make grocery shopping a weekly/biweekly habit – it's easier to do weekend shopping with a friend! Find a local store for cheap produce and meats (Lucky Moose Mart is one of our picks), Rexall for your snacks and meds, and Metro for everything else.
- A fast and reliable rice cooker will be able to cook 80% of your food! You name it, pasta, noodles, rice, meat, veggies, steamed foods all taste great from that little electric pot.
- DO YOUR DISHES, IT'S COMMON COURTESY! DO YOUR LAUNDRY (or bring it home to wash)! BRUSH YOUR TEETH AND TAKE REGULAR SHOWERS!
- Keep in touch with your friends by mingling with them at your new place or at their res!



INTERNATIONAL STUDENTS

First things first, we thank each and every one of you for investing such a large sum of money in this fine institution. If it weren't for your generous willingness to pay international tuition, we probably wouldn't have the nice computers in the ECF labs. On a slightly different note, good job little international FIroshie! You've decided to fly out of your comfort zone and come to U of T - and you won't regret that. This section will highlight some tips that will come in handy for all you international students - regardless of where you're from - and help you place your first blocks in building your life at Skule™ and in Toronto.

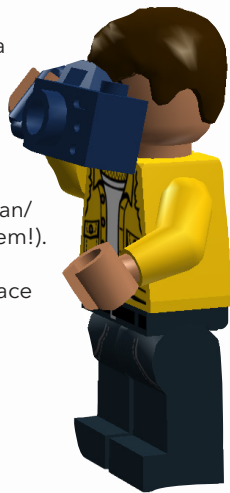
- Toronto is a very diverse city. It's got a Chinatown, Korea town, Little Italy, and quite possibly an India Town as well. It holds the unofficial title of the most diverse Canadian City. This means that you should have no problem finding your place in Toronto and transitioning into the Canadian culture. That being said, don't be afraid to try out that culturally unfamiliar restaurant. Getting to know people from different places is the best!

- If you've never experienced real winter before, you're in for a surprise. Come December, you will wish you could live your life indoors. Come prepared for the harsh temperatures with every piece of warm (ha, "warm") clothing you own. This includes - a big winter jacket/parka, sweaters, gloves/mittens, toques/beanies, scarves, thick socks, boots, yak fur, etc. If you don't own such clothing, you can always buy them here. It's a good idea to buy heavy winter jackets in Canada so you don't have to worry about bringing them on flights and such.

- Depending on where you come from, you might find the academic expectations to be very different. A lot of other countries cover a bit of university material in high school - so some of you might find first year easier than your friends do. However, be careful! Don't get too cocky about it, and don't lose that excellent work ethic that you've developed; the workload gets really heavy really quickly, and it becomes easy to fall behind.

- Finally, get to know your resources. U of T has a Centre for International Experience that caters to all international students - these guys have a bunch of stuff to offer such as information sessions (about legal stuff), social events (free food), clinics etc. Additionally, there are a lot of student run cultural clubs/associations that you all could get involved with - Chinese/Indian/Italian/Korean/Muslim/X/Y/Z Students' Associations (Google them!).

And there you go! You feel confident about this place already, don't you?



FRESHMAN 15

Freshman 15 is a term that describes the phenomenon of gaining approximately 15 pounds of unhealthy weight during the first year of university. These additional pounds are caused by a lack of exercise and the constant intake of unhealthy campus food.

Does the image of a supersized-you scare you as much as it scares me? Don't worry little F!roshies, just relax and let us help you. Some of the things you can do are the opposite of what ArtScis do: sleep the day away, disregard homework responsibilities, skip lectures, and eat loads of junk food. Instead, you, the engineer who wants to remain the image of health, should be studying, attending lectures, and eating healthy. However, doing those alone will not be able to maintain that healthy figure of yours.

What you should do is hit the gym, go for a walk, or take a break to dance to your favourite song. Some of these may not seem practical when you have civ problem sets due every week and so much studying to do, but the results are worth the schedule-rearranging. Switch up staying in and playing video games with some fun and fresh air! The options are endless; maybe you want to play a game of frisbee in Queen's Park or volunteer as a dog walker with the Humane Society! Being active can lift your spirits and give you the energy needed to perform well on your exams.

Here are some seemingly obvious tips that we usually choose to disregard.

- Try not to dine at fast food restaurants or food trucks too often since most of their foods are deep fried or slathered in oil. Remember that Ken Ho and Ronald McDonald are not your friends!
- As good as it may be, try to avoid too many BEVERages as this not only affects your mind but body, too.
- For those living on res (and probably those living at home, too), your mom is right; eat your veggies! Greens are good for you and will give you all their amazing vitamins for boosts of energy and intelligence to help you ace the year.

The Freshman 15 may seem unavoidable during exam periods, when all you're doing is eating, sleeping and studying. But with a little practice, proper time management, and motivation, you can maintain, or begin a healthy lifestyle and still be a cool engineer!



ATHLETIC FACILITIES

ATHLETIC CENTRE (AC) | www.athletics.utoronto.ca

This unique building has its very own Olympic-sized pool - its refreshing smell of chlorine and the echoing sound of a whistle will instantly make you want to join the various aquatic sports. The AC is also home to three gyms and one 250m track available to U of T students to work out and have fun. All intramural and Varsity Blues (one of the many U of T varsity teams) games will take place in one of the U of T Athletic Facilities. Moreover, there is a fully equipped Strength and Conditioning Centre on the first floor of the AC. Each week, the AC has a Drop-In Recreational schedule where students can meet other people with similar interests.

HART HOUSE | harthouse.ca/recreation

Hart House provides free sports utility access to all U of T students. There are three squash courts, one fitness room, one weight room, a 25 yard pool, a Lower Gym and an Upper Gym. The Lower Gym can be booked by any U of T students once a week free of charge - a couple intramural Skule™ Leagues play their sports games here. The Upper Gym has a 150m banked oval track, complete with stationary bikes and other fitness machines in the center of the track for exercise in the cold winter. There are also free Fitness Classes that are offered, so check out Hart House online for more information.

VARSITY CENTRE

physical.utoronto.ca/FacilitiesAndMemberships/Varsity_Centre.aspx

On Bloor and St. George lies one of the most noticeable sports facilities to the public of Toronto, the Varsity Centre. The 5000 seat stadium contains a 400m eight-lane artificial turf track and an Olympic sized rink. It brings crowds throughout the various sports seasons to witness U of T's varsity teams compete with other universities. 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.

MASTER BUILDER'S TIP:

You also have access to the athletic facilities at the Mississauga and Scarborough campuses. Be sure to take advantage of this if you live near these campuses!



FOOD & BARS

❶ **VEDA** | The Pit

Veda is a fast food restaurant in the Pit (SF Atrium) that focuses on healthy and delicious Indian cuisine.

❷ **HARD HAT CAFÉ** | The Pit

Run by engineering students, the Hard Hat Café sells all sorts of snacks and drinks on the cheap and features daily deals for all your eating pleasure!

❸ **STREET VENDORS** | along St. George, between College and Harbord

By day, food trucks line themselves up along St. George Street, ready to satisfy hungry passersby. From Ken Ho's (passable) Chinese food, to the Russian-run Blue Chip Truck, to the Ideal Catering truck, it isn't hard to pick up a quick snack when the tummy grumbles.

❹ **TOP SUSHI** | 185 College Street

A Japanese restaurant that's located just outside our classes. A popular place for students to visit that offers a wide variety of sushi. If you're not picky about the quality of your Japanese food or the speed of service, then this is a good place to go.

❺ **SNAKES & LATTÉS** | 600 Bloor Street West

This café is a Toronto gem as it boasts a selection of over 300 board games to play while you enjoy some snacks and drinks. While it is a little far from campus, it is worth visiting at least once with a group of your new or old friends! Note that there is a \$5 cover fee.

❻ **SUBWAY** | Robarts, 195 College Street, 250 & 150 Dundas Street West

Subway is a great place to fill your stomach with a relatively healthy selection of subs.

❼ **COLLEGE STREET Q** | 177 College Street

Yum yum, this newly opened restaurant sells amazing pulled pork sandwiches, among other great items.

❽ **KYOTO HOUSE RESTAURANT** | 143 Dundas Street West

Kyoto House is a Japanese restaurant that offers AYCE for under \$24 after tax + tip. A popular go-to place for groups of students especially on special occasions (DONE MIDTERMS!).

FOOD & BARS

9 SUDS | The Pit (Friday Nights Only)

This will be the TGIF bar of choice for the majority of engineers, especially F!rosh. SUDS is the official engineering student bar on campus, opening every Friday afternoon and serves as a safe haven from the past week of classes. SUDS takes on various themes and hosts a handful of events each year!

10 EINSTEIN | 229 College Street

A common retreat for engineering students, commonly referred to as "Steins", this bar is a great alternative to SUDS. If you bring a SUDS wristband to Steins, you can exchange it for one free beer before 10! Pitchers for \$10, cheap pool, and nightly events make this a great place to let loose.

11 SIN & REDEMPTION / VILLAGE IDIOT PUB | 126 McCaul Street

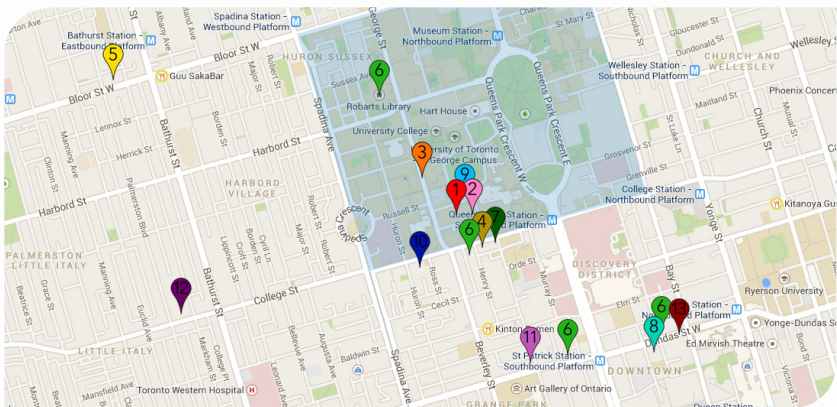
These two bars share a kitchen and most of a beer selection, but not much else. S&R caters to the fancier of the pub goers, with a higher class ambiance and décor. The Village Idiot, a more laid back affair, is popular with people from all over the city.

12 SNAKES & LAGERS | 488 College Street

Located on the outskirts of Little Italy, this board game bar is the little (but more mature) sister of Snakes & Lattes, offering a wide variety of drinks and non-traditional beers plus hundreds of games. Note the \$5 cover fee.

13 BUBBLE TEASE / CHATIME | 111/132 Dundas Street (Respectively)

Bubble tea is a trendy drink these days, and bbt stores have been popping up left and right. Stores offer a wide variety of fruit and tea drinks with tasty 'toppings' as well. While Chatime is better established, Bubble Tease is making a strong entrance with their cheap prices on snacks and flavourful drinks.



EVENTS



① **CNE** | August 15 - September 1

The Canadian National Exhibition is one of Canada's largest fairs and is an annual event that takes place during the month of August. Featuring tons of rides, live concerts from the biggest artists, shopping, an air show, and more, the Ex is the perfect way to end your summer and feel Toronto's energy!



② **TORONTO INTERNATIONAL FILM FESTIVAL** | September 4 - 14

The Toronto International Film Festival is a world renowned film exhibition that showcases films directed by both big-name and indie artists. The TIFF is one of the best places to preview the upcoming flicks for the following year or two - and who knows, you might run into a couple celebrities!

③ **NEW YEAR'S EVE BASH** | Take a guess when this is

City TV hosts this event annually in celebration of the new year with our favourite Breakfast Television hosts on the stage! Featuring live music from well-known stars, the countdown could not be more hyped than this. Keep in mind that the venue, Nathan Phillips Square, offers skating all winter long!



④ **PRIDE PARADE** | Late June 2015

This international festival is an opportunity for the members of the LGBT community to come out and show their pride! Our Skule™ engineers build a float and walk in the parade. As you might know, U of T strongly supports sexual orientations of every sort, so whether you are LGBT or an ally, make sure your voice is heard. Check out LGBTQase!

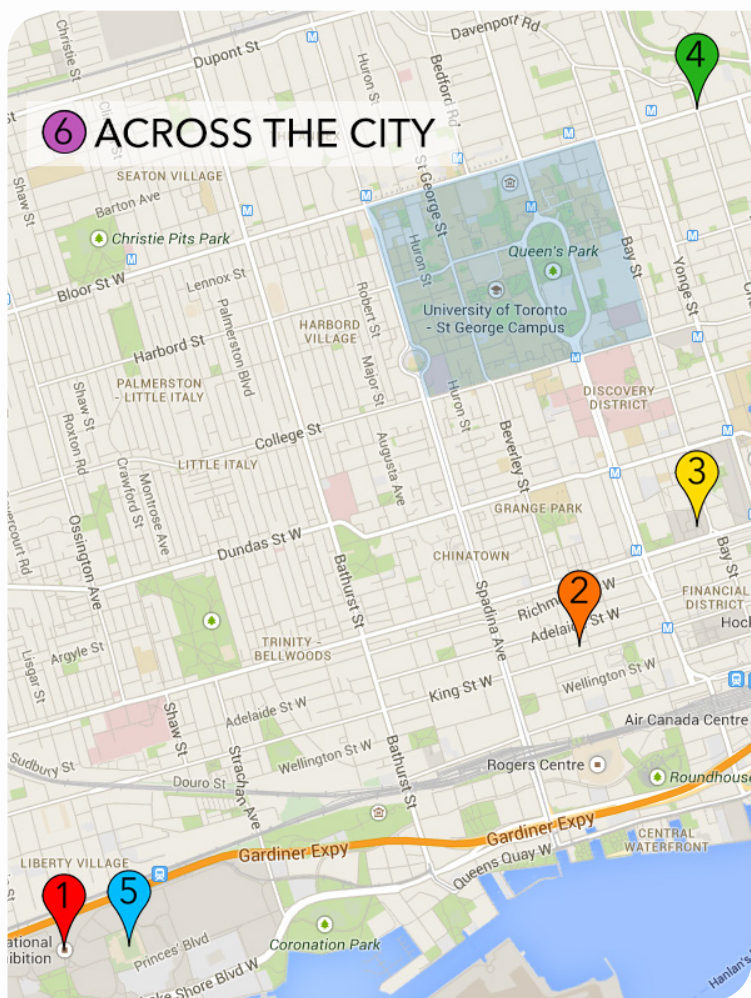
⑤ **FIFA U-20 WOMEN'S WORLD CUP** | August 5 - 24

This is it, guys. After the excitement that is the Men's FIFA World Cup, the female footballers of the world are in it to win it, and it just so happens that Canada is hosting this event this year! Get ready to support your favourite team (Canada) and go out to a game or two to show your spirit!

EVENTS

⑥ SCOTIABANK NUIT BLANCHE | October 4

Nuit Blanche is a HUGE city-wide event that showcases the brilliant works of art from artists across the region. Every year, big city streets are closed from 7PM to 7AM in order to make room for the numerous massive displays that range from a mind-controlled video game to a reenactment of the poor treatment of Native Americans. The GO train runs especially late on this night alongside other transportation services, but our best bet is that you won't be sleeping while you're having so much fun!



PLACES TO GO



1 2 AIR CANADA CENTRE & THE ROGERS CENTRE

These two stadiums are collectively the home of the Toronto Blue Jays, Raptors, and Maple Leafs among others. Always filled to the brim whenever a game is on, the location of these two buildings downtown makes it easy to catch an exciting game (but is unfortunately also a big reason why Toronto's traffic is simply horrendous)!

3 CENTRE ISLAND

Centre Island is the island getaway accessibly only by ferry or water taxi (unless you own a boat) from the mainland. Featuring bicycle, 2-person bicycle, quadricycle, and paddle boat rentals, a regular beach, a nudist beach, Centreville (children's amusement park), and beautiful winding paths, Centre Island is one of the best places to visit during the summer with student ferry pricing (<19) at \$4.50 and adult pricing at \$6.

4 CN TOWER

Currently the sixth tallest freestanding structure in the world, the CN Tower features a skypod 447 metres above the ground and a glass floor 342 metres high for you to test your courage. There's also a fancy restaurant up there too, in case you want to bring someone out for a (literally) high-class dinner.



5 EATON CENTRE

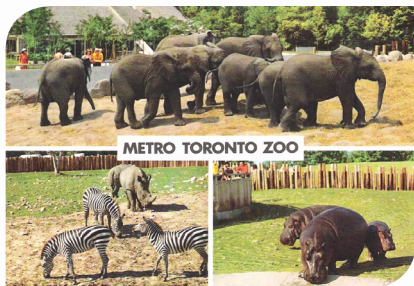
One of Toronto's most popular tourist attractions, the Eaton Centre is a massive shopping complex consisting of over 300 stores and restaurants. Whether you're looking for that perfect gift, some new clothes, or just some window shopping, this is the place for you. Don't forget to check out the plethora of great restaurants around the mall or the massive Urban Eatery (food court) as well as the Cineplex theatre!



6 NATHAN PHILLIPS SQUARE

Located just outside City Hall and in the backyard of Chestnut, Nathan Phillips Square is a nice place to relax when you've got down time outside of school where you can partake in a number of cultural events, or stretch your legs in the winter on the converted-fountain skating rink.

PLACES TO GO



METRO TORONTO ZOO

7 & 8 TORONTO METRO ZOO & RIPLEY'S AQUARIUM

If you're an animal lover, or dream of swimming with the fishes, make sure you drop by the Zoo or new Aquarium. With relatively cheap tickets and student price options, these places make great day trip getaways or casual-date locations.

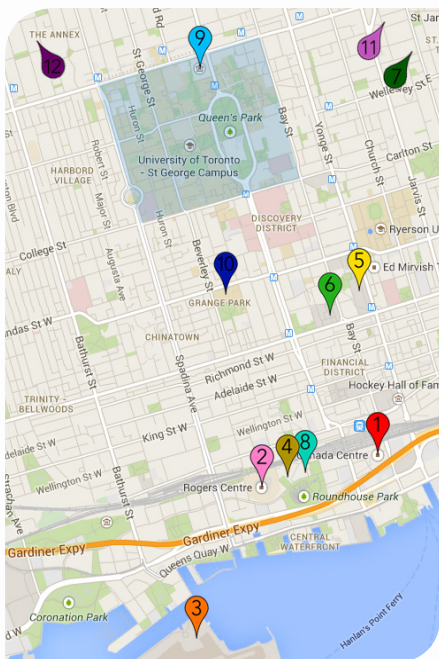
9 10 11 ROM & AGO & OSC

Whether you like art, science, or arts and science, you cannot live in Toronto without having at least visited the Royal Ontario Museum, the Art Gallery of Ontario, or the Ontario Science Centre. With interesting and refreshing displays all year round, these three attractions will satisfy your inner curiosity.



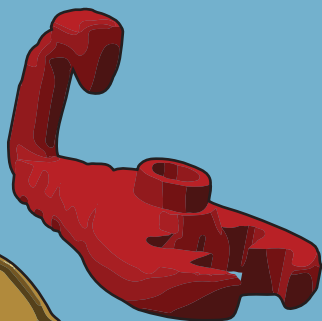
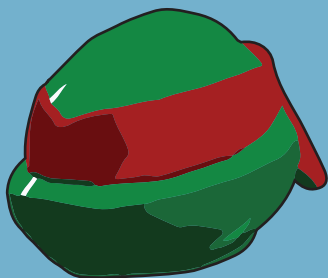
12 LEGOLAND DISCOVERY CENTRE

While the LEGOLAND Discovery Centre might be geared more towards children, there's absolutely no shame in buying yourself a ticket for \$19. Enjoy feeling like a kid again and learn some behind-the-scenes secrets about LEGO! And come on, it's not like our F!rosh theme is LEGO, right?



6

EXTRAS



GODIVA'S HYMN

Every engineer must know ALL the lyrics to Godiva's Hymn!

Okay, maybe the upper years still haven't figured out the lyrics past the first two verses, but the more you memorize, the cooler you will be among your fellow F!rosh.

(Tune: The Battle Hymn of the Republic)

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.

(CHORUS)

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 and come along with us,
For we don't give a damn for any damn man who don't give a damn for us!

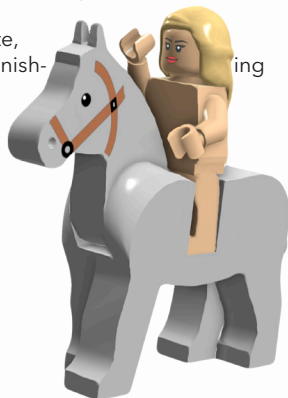
Said she, "I've come a long, long way and I will go as far
With the man who takes me from this horse and leads me to a bar."
The men who took her from her steed and led her to a beer,
Were a blurry-eyed surveyor and a drunken Engineer.

Any Civil Engineer can go for days and days
Describing how concrete is used in oh-so many ways,
But not till one dark gray night of true debauchery
Was using it to float a boat considered one of these!

An ArtSci and an Engineer were stranded on a boat,
One passenger too many, the poor boat couldn't float.
The Engineer would toss a coin to settle the dispute,
He tossed it in the water and the ArtSci gave pursuit.

When Mechs are feeling thirsty and when Civs are all worn out,
There's one place you can go, and that is Suds without a doubt.
So next time you drink a rich, cold, golden, icy, frothy beer,
Get on your worthless knees and thank a Chemical Engineer!

An Engineer once came to class so drunk and very late,
He stumbled through the lecture hall at an ever-diminishing
rate.
The only things that held him up and kept him on his
course,
Were the boundary condition and electromotive force.



GODIVA'S HYMN

Ace Towing roams the streets of Yorkville each and every night,
They tow the cars, and stow the cars and hide them out of sight.
They tried to tow Godiva's Horse, the Engineers said "Hey!"
They towed away the towing truck, and now the Ace must pay.

A U of T Computer man got drunk one fateful night
He opened up the console and smashed everything in sight.
When they finally subdued him, the judge he stood before
Said, "Lock him up for twenty years, he's rotten to the core!"

The Romans fed their concrete mix the blood of ox and men
The Mafia uses theirs to teach a lesson now and then
But for all their pretty tricks their evil cannot even tie
Our trusting it in a canoe to float and keep us dry!

An ArtSci lad in robes was clad and set to graduate,
A pompous gleaming spectacle he was upon that date.
But not a quarter hour after he got his degree,
He was serving fries to engineers from S-K-U-L-E!

Godiva died, and where she lies, a bench-mark shows the spot
In any engineering text, its level can be got.
Godiva's now in Heaven, where she daily prays for beer,
But she'll have to wait till Heaven gets a Resident Engineer.

Godiva was a lady well-endowed there was no doubt,
She never wore a stitch of clothes, just wound her hair about.
The first man who ever made her was an Engineer, of course,
But on just one drink an ArtSci fink once made Godiva's horse!

A man sat in a tavern with a lovely Toronto lass
And stared when more than nineteen times she raised and drained her glass.
He said "You've out-drunk four strong men, and half the bar, my dear."
But the maiden smiled demurely and said she was an Engineer.

We saved our dough for years to send the kid to U of T
Although we knew it was a place of wild depravity,
But now we know our kid is safe and we should have no fear
He's never even heard of sex 'cause he's an Engineer.

My father was a miner from the Northern Malamute,
My mother was a mistress in a house of ill repute.
The last time that I saw them both these words rang in my ears,
"Get out of here you son of a bitch and join the Engineers."

Other schools have mascots and they think that theirs is best,
But when it comes time, theirs do fail to pass the test.
Phallic imagery with mascots seems to be the norm,
But the Cannon is the only one that can truly perform!

GODIVA'S HYMN

Industrials have got the dates and that is a known fact.
It's not the way they part their hair, or in the way they act.
It's that they're such good lovers with that extra special touch,
Since you have to get that skillful when you fuck the dog so much.

Elvis was a legend, he's the King of Rock & Roll,
But the life that he was leading, well it finally took its toll.
He realized too late that he chose the wrong career,
So he faked his death, and came to Skule™ to become an Engineer.

The Army and the Navy boys went out to have some fun,
Down to the local tavern where the fiery liquors run,
But all they found were empties, for the Engineers had come,
And traded all their instruments for gallon kegs of rum.

An EngSci man from U of T went out and drank his fill.
He came then to a strip joint, 'cause he had some time to kill.
The motions that he witnessed there excited all his nerves,
And he filled eleven napkins with equations of the curves.

The modern engineer must be politically correct,
No more motors lubricating, no more buildings rise erect,
No more electrical capacitors whose plates are high and fair
Instead of problem solving let's just sit around and care.

U of T was U of T when Ryerson was a pup,
And U of T will be U of T when Ryerson's time is up,
And any Ryerson son of a bitch who thinks he's in our class,
Can pucker up his rosy lips and kiss our purple ass!

For 50 years the Engineers at Queens have had our pole,
From Varsity they took it, and their F!rosh week was its role,
But 28 of our own went down, and with a cunning plan
We opened up an unlocked door and brought it home again!

Late one night, an Engineer was lost in work and toil,
He set off to find a darling girl to help discharge his coil.
In little time he'd warmed her up, her resistance at a low,
They fluxed until the morning's light, when their fuses, they did blow.

On reading Kama Sutra, a guy learned position nine.
For proving masculinity, it truly was divine.
But then one day his girl rebelled and threw him on his rear,
For he was a feeble ArtSci and she was an Engineer.

The ArtSci thought he had it all, his girlfriend disagreed
One day she up and left him; he could not fulfill her needs "Where are you going?"
The ArtSci cried, half-naked from the dorm,
"To find an Engineer," she said, "At least they can perform!"



EVEN MORE GODIVA'S HYMN

Some Engineers from U of T got loaded on a bus,
The driver took them to a town a long, long way from us.
They drank the local tavern dry and went to look for more,
When they couldn't find another bar, they stormed the liquor store!

Engineers made tribute to the Cannon's might and Skule™,
Their cinematic exposé turned out to be a jewel.
Soon after Innis was found bare and the campus rang with fear,
The Faculty of Film had been replaced with Engineers!

We heard the old professor is ending his career
We thought we'd help him celebrate and bring a keg of beer,
But when we thought that we would have to share it with you all
We thought about it once again and drank it in the hall.

The year that Mikey's double cohort came to U of T,
The Frosh were not just underaged, but knew no High School glee.
When the campus parties all went dry, Suds still flowed with beers,
And those sober college ArtScis thanked their God for Engineers.

I'm graduating EngSci, and I feel I have to pout,
There's one thing in the world I have yet to figure out.
It's something EngSci drop outs seem to pick up from the Mechs,
Apparently it's pleasurable, I think they call it sex.

A fire hose by day and forty beers by night,
An Engineer may never sleep and still stay just as bright.
And if you ever ask her how she keeps up her routine,
She'll raise her trusty can of Jolt, smile and say "Caffeine!"

We'd like to welcome all the parents here to U of T,
But there are lots and lots of things we'd like you not to see.
Like sex and drugs and rock & roll, and kegs and kegs of beer,
But we would never touch that stuff 'cause we're the Engineers.

The Jerry P. Potts trophy for the chariot race at Skule™
Had been stolen from the fold but Mario said, "Dis ain't cool".
So Mario recovered it, returned it to the throngs,
On the condition that the Skule™ mates sing his praises in their song.

Venus is a statue made entirely of stone,
There's not a fig leaf on her, she's as naked as a bone.
On noticing her arms were gone, an Engineer discoursed,
"The damn thing's busted concrete and it should be reinforced."

We're the biggest group of Engineers here studying our craft,
But we're mostly EngSci failures, so we usually get the shaft.
Us poor Elecs and Comps, we have no verse to sing alone,
But after all we are all nerds, so here, we wrote our own!

STILL GODIVA'S HYMN

Professors put demands on us, they say we have to tool,
But all we want to do is sleep, WE HATE THIS FUCKING SCHOOL!

You can bitch or tell us off, abuse us if you please,
But we're all set to graduate and ALL WE NEED ARE C'S!

A U of T Engineer once found the gates of Hell,
Looked the devil in the eye and said, "You are looking well."
Satan just returned the glare and said, "Why visit me?"
You've been through Hell already, since you went to U of T!

Caesar set out for Egypt at the age of fifty-three,
But Cleopatra's blood was warm, her heart was young and free.
And every night when Julius said goodnight at three o'clock,
A Roman Engineer was waiting just around the block.

A wide-eyed ArtSci Chemist and a Chemical Engineer
Were formulating molecule equations over beer.
Each drank a glass of water, but the ArtSci hit the floor,
For what he thought was H_2O was H_2SO_4 !

An Elec and a Comp challenged wits in a Bahen hall
Students gathered all around to watch the two great students brawl,
The Elec spoke of flux and fields for a minute, two or three,
But the Comp kept droning on and on and on recursively!

TrackOne is a discipline for those who cannot choose.
Because we can't make up our minds, the Faculty gives us food.
If you ask us where we're going we'll say "ask another day",
(but) if Cohen has his way with us, we may be here to stay.

I happened once upon a girl, who eyes were full of fire,
Her physical endowments would have made yours hands perspire.
To my surprise she told me that she never had been kissed,
Her boyfriend was a tired Engineering Scientist.

All EngSci types in second year are really in a plight,
They're the masochistic ones, who haven't seen the light.
After two more years they will be just as brain dead,
As any first year Civil Engineering cement head.

A maiden and an Engineer were sitting in the park,
The Engineer was busy doing research after dark.
His scientific method was a marvel to observe,
While his right hand wrote the figures down, his left hand traced the curves.

Copulation, fornication, penetration, fuck,
Rim job, reem job, nose job, blow job, cunnilingus, suck,
Eating beaver, dipping wick, and taking it in the rear,
These words don't mean a thing to me, 'cause I'm an Engineer!

GODIVA'S HYMN

An ArtSci and Engineer once found a gallon can,
Said the ArtSci, "Match me drink for drink, as long as you can stand."
They drank three drinks, the ArtSci fell, his face was turning green,
But the Engineer drank on and said, "It's only gasoline."

My father peddles opium, my mother's on the dole,
My sister used to walk the streets, but now she's on parole,
My brother runs a restaurant with bedrooms in the rear,
But they don't even speak to me 'cause I'm an Engineer.

As legend goes an apple fell on poor Sir Isaac's head,
And Newtonian Mechanics then was born, took hold and spread.
Too bad he was a physicist and not an Engineer,
If he wore a hard hat, we'd have less class and more beer!

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 will die" but then he gave a cheer,
Cause he just remembered Scotty was the resident Engineer!

Now you've heard our story and you know we're Engineers,
We love to hate our problem sets, we love to drink our beers.
We drink to every person who comes here from far and near,
Cause we're a HELL-OF-A,
HELL-OF-A,
HELL-OF-A,
HELL-OF-A
HELL-OF-AN-ENGINEER!



SKULE™ SONGS & CHANTS

Skule™ Yell

To be sung whenever the Cannon has been fired.

Toike Oike, Toike Oike,
Ollum te cholum te chay.
School of Science, School 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!

Yaaaaaaaay, 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 BNADS)

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!

SKULE™ SONGS & CHANTS

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!

SKULE™ SONGS & CHANTS

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!

(IF MALE)

So drink motherfucker,

Drink motherfucker, drink motherfucker,

(IF FEMALE)

So drink silly bitch,

Drink silly bitch, drink silly bitch,

Drink!

Hey, Look Us Over

Hey, look us over,

Lend us an ear,

The Lady Godiva Memorial Bnad is here!

We've got the music,

We've got the jive,

We may be in a drunken stupor but we're still alive.

So if you don't like our "music",

Give us a beer,

And maybe next time we will disappear,

For we still got a little bit left to drink,

It may be forty beers,

After all we're engineers.

A Soldier's Tale

A sol-, a sol-, a soldier I will be

Two pis-, two pis-, two pistols on my knee

For cu-, for cu-, for curiosity

As we fight for the old count-,

Fight for the old count-,

Fight for the old country!

Harass, harass, harass him in the dark

Each hit, EACH HIT, each hit will find its mark

A hor-, a hor-, a horse will carry me

As we fight for the old count-,

Fight for the old count-,

Fight for the old country!



SKULE™ SONGS & CHANTS

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?

Oh, why do we wait?

Why are we waiting?

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.

APPS



WolframAlpha

While it may cost \$2.99 which, yes, is a lot on our student budget, Wolfram is an incredibly powerful mathematical computation engine. It'll save you an absurd amount of time figuring out impossible integrals or just double checking your math.



CitoPrint

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



Uber Taxi

The app itself is free, the service sadly is not. Nevertheless, feel like royalty as you can simply hail a private cab from the tip of your finger and have your royal chariot pull up to school to take your drunken self home after a long night at SUDS.



Next TTC

Another free app that will help you avoid the headache known as the TTC. Never again stand at a bus stop simply praying for the bus to arrive. With this app you'll have real time updates on the location of busses and trains allowing you to plan your day perfectly.



OOHLALA

A free app with some unusual features. While on the surface it lets you organize your schedule and school life, occasionally UTSC will hold online contests through the app where you can win prizes such as \$300 giftcards and even iPad Minis!



Blackboard Mobile™ Learn

The only app on the list that is available to that one kid who still owns a BlackBerry. Blackboard will be the app you are constantly refreshing as you anxiously wait for your grades to be posted, praying for that elusive 70%.



Misc. Games

Candy Crush
2048
Angry Birds
Flappy Bird

Sorry, but do BlackBerries even have games?



CONTACT INFO

POSITION

President
VP Finance
VP Communications
VP Academic
VP Student Life
Speaker
Archivist
Ombudsman
Blue and Gold Chairs
Bnad Leedur
Cannonball Chair
Cannon Editor
Chief Attiliator
Chief Returning Officer
Community Outreach Director
Computer Systems Admin
D(r)umb Majur(k)
EAA President
Flrosh Handbook Editor
Gradball Chair
Hard Hat Café Managers
Hi-Skule Liaisons
Orientation Chair
Skulebook Editor
Skule™ Kup Director
Sponsorship Director
Stores Managers
Suds Managers
Toike Oike Editor
UTEK Director
Webmaster
You're Next Career Network

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Billy Graydon
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Thomas Santerre
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Melissa Campoli
Samantha Chow
Armando Bablanian / Lameya Iqbal
Ishan Juneja / Maddy Santia
Amanda Aleong
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DISCIPLINE CLUB CHAIRS

As an undergraduate student, you are automatically a part of your discipline club! If you want to get involved or learn about the fun stuff in store for you, check out pages 88-90 for messages from each club chair or contact them directly!

DISCIPLINE

Chemical
Civil
Electrical / Computer
Engineering Science
Industrial
Materials
Mechanical
Mineral
TrackOne Committee

CHAIR

Nikola Andric
Jason Arsenaull
Daniel Di Felice
Amanda Aleong
Alexandra Szatan
Vinson Truong
Shamail Rizwan
Andreas Steckenborn
TBD (this could be you!)

EMAIL (@skule.ca)

chemclub
chair@civ.skule.ca
ececlub
engsci
indy
mse
mechclub
minclub
trackone

FIRST YEAR OFFICE

For all your first-year problems, you can always go to the First Year Office, 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

RESOURCES

Repository of Student Information (ROSI) | rosi.utoronto.ca

As a University of Toronto student, you automatically have a ROSI 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, ROSI 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 ROSI 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.

Tip: Set Blackboard as your browser homepage to keep yourself 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™ 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 F!rosh 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.



GLOSSARY

ArtSci *noun*

Making up 3/4 of the University of Toronto population and 9/10 of the McDonald's staff, these students are plagued by the inability to choose a profession that produces employable skills. But look no further if you're in dire need of sonnet analysis or delicious fries!

Bell Curve *phenomenon*

The process by which a hopeless grade gets better, granted you aren't worse off than the class average!

Blue and Gold *noun*

- 1) The committee responsible for organizing many of Skule™'s special events, including the fantastic Godiva Week! And without that, where would we be? Answer: In class, crying.
- 2) The official Skule™ colours.

Burbulla's Notes *noun*

Engineering's equivalent of SparkNotes, these knowledge-laden, condensed PDF files can be the difference between acing or failing your math courses.

Cannon, The *noun*

- 1) Skule™'s Official Mascot! With a brand-spanking new cannon from 1T3, this actual cannon is deafening, explosive, and certainty makes an impression on whoever comes within a mile's radius.
- 2) The Official Engineering newspaper with actual news!



Chem *noun*

Chemical Engineering student; see 'Female'

Civ *noun*

Civil Engineering student; these students liked making buildings so much in Minecraft that they decided to give the real thing a try!

ECE *noun*

Electrical/Computer Engineering student; with showering optional, keep a nose out for these students.

EngSci *noun*

Engineering Science; essentially the AP/IB class of Engineering, these students prefer to do unnecessary amounts of work to earn their special engineering degrees, unaware of the perils they'll face to end up at the same point as everybody else.

Ethical *adjective*

What you are called when you have successfully managed to pass your APS150 exam (by doodling a smiley face with the multiple choice bubble sheet).

Firosh *noun*

You!

Female *noun*

See 'Chem'

Godiva Week *event*

Basically a second Firosh Week, Godiva Week is right after the winter holidays. It is full of Blue and Gold events, SUDS every night, and much more. Don't forget to decorate your hard hat for this memorable week!

Happiness *noun*

Elusive and rare emotion, happiness will be hard to find. But when you do find it, it'll probably be at SUDS every Friday in a cup of beer.

Hard Hat *noun*

Your most important possession which you must protect with your life. If you let an ArtSci take your hard hat, they will be granted BeVeRages and you'll be out of luck. Hard hats are also meant to be decorated, so get to work!

GLOSSARY

Indy *noun*

Industrial Engineering student; unable to deal with being referred to as an ArtSci, these students chose Industrial Engineering as their path of escape. Who are they kidding?

Iron Ring *noun*

The Ultimate Prize after a gruelling four or five years. The Iron Ring is presented to successful graduates at a secret ceremony.

Lady Godiva Memorial Bnad *noise*

In memory of the great Lady Godiva, the Bnad marches around downtown to showcase to the Torontonians our deep love of the engineering heritage, as well as bring them the joy and love of music. Give them beer and they will (probably still not) go away.

LEGO *noun*

1) F!rosh Week and Handbook theme!
2) The amazing blocks with which you can build practically anything. BEWARE: Can cause extreme debilitation if stepped on!

Mech *noun*

Mechanical Engineering student; these guys (and the rare Mech girl), overjoyed by the realization that they can relax through first and second year, cannot cope when the pressure of fluid dynamics is thrown at them in third year.

Min *noun*

Mineral Engineering student; always happy to talk about rocks and digging holes.

MSE *noun*

Materials Engineering student; let's be honest, it's where all the guys, thinking Chem Eng was for girls, decided to go to get their Chemical Engineering knowledge.

Pit, The *location*

Engineering common room, located conveniently in the Sandford Fleming atrium. It is home to Friday night SUDS, Hard Hat Café, Engineering Stores, and the EngSoc Office.

Shower *optional*

Rare event where soap, water, and an engineering student are present together, at the same time. Occurrence varies by discipline, with only one event ever being noted in the entire history of ECE.

SUDS *noun*

Official undergraduate bar in the Pit which will meet all your BEVERage needs.

Toike Oike *noun*

The less serious Skule™ newspaper. While often used as a source of humour, the Toike is also perfect for Toiking, as a makeshift umbrella, for impromptu sword-fights, and much more!

Toiking *verb*

The barbarous (read: hilarious) act of publicly defiling your mortal enemy / best friend / casual acquaintance, through the repeated application of a Toike Oike to his/her face.

TrackOne *noun*

General First Year Engineering student; realizing they need a job but unable to make any decision beyond 'engineering', these students suffer through a year of indecision together.

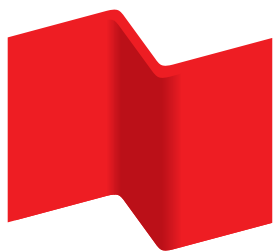
TTC *noun*

Toronto Transit Commission (a.k.a. Take The Car).

1T8 *noun*

1) YOU!
2) The Skule™ way of saying "the graduating class of 2018," referring to the last two digits of the graduating year. It was originally used to express numbers like 19-EIGHTY-TWO (8-T-2) in a concise manner. Unfortunately, the short form won't work phonetically for another few decades!

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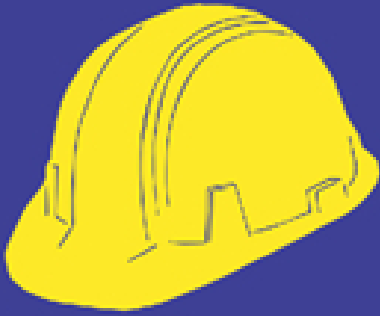


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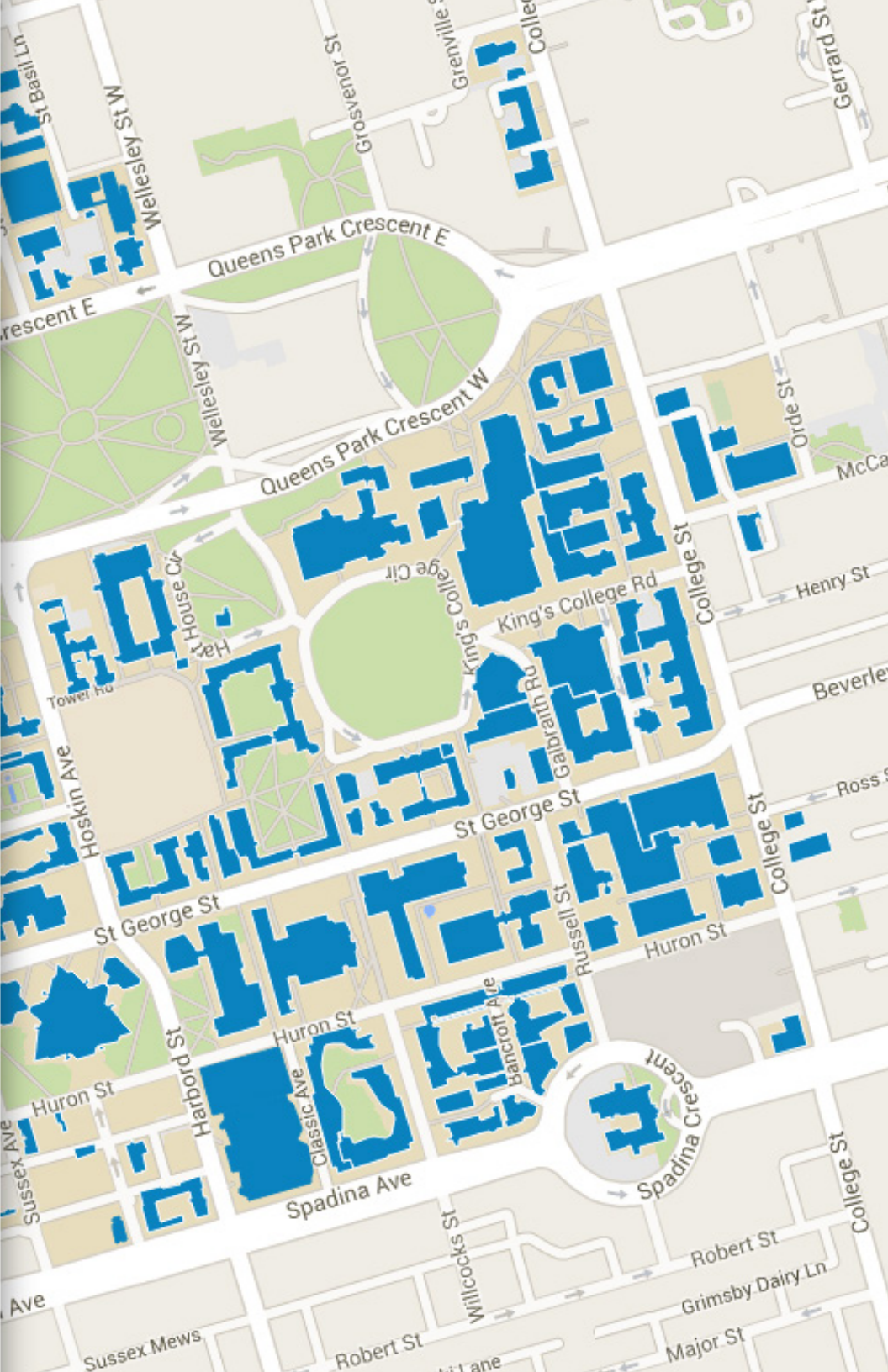
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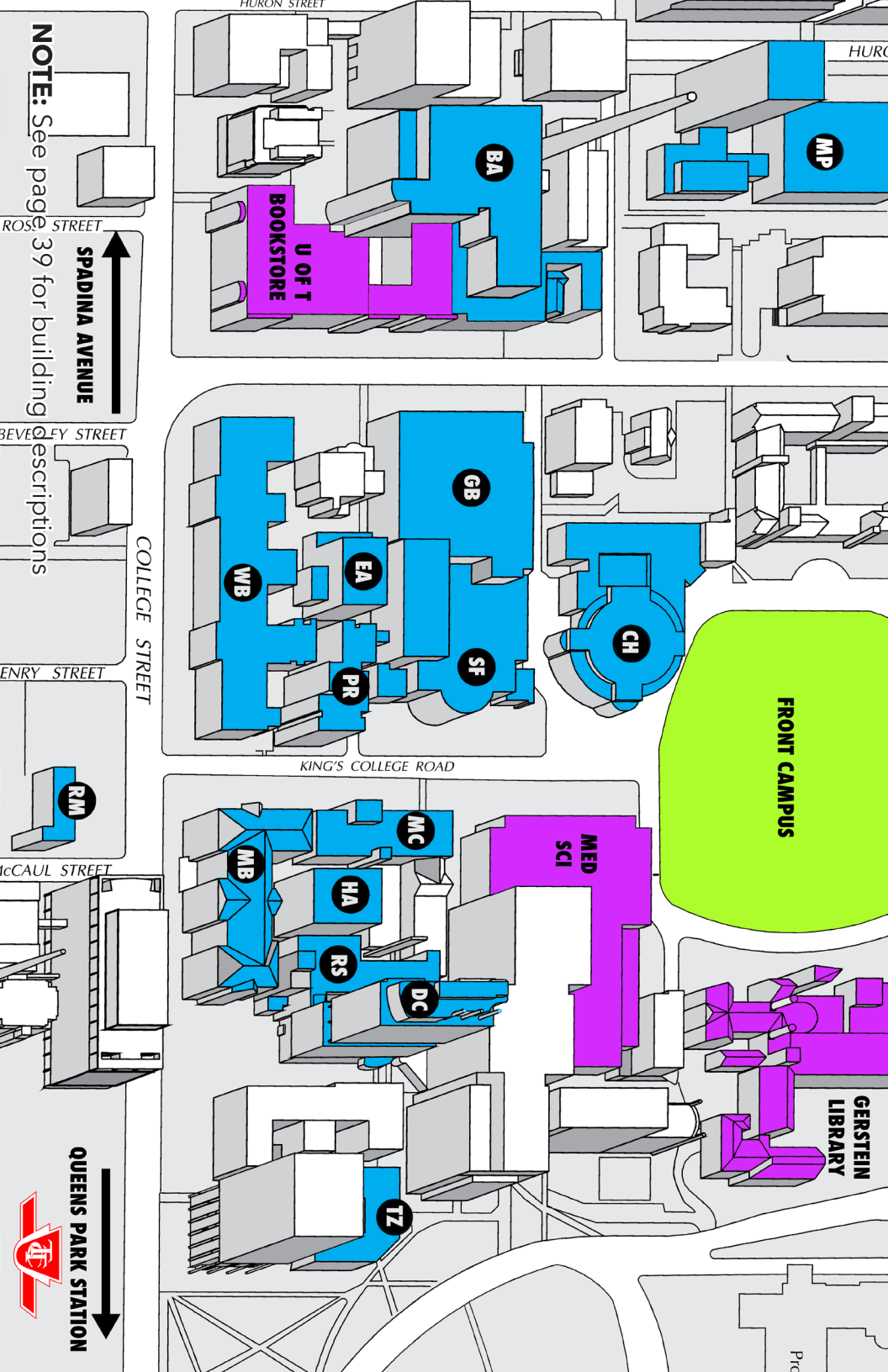
Look for our logo in your F!rosh
kit for even more deals

*On Monday, Wednesday and Friday
while supplies last**

**During F!rosh week



St Basil Ln
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Queens Park Crescent E
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College St
Gerrard St
Orde St
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Ross St
College St
Huron St
Spadina Ave
Robert St
Grimby Dairy Ln
Major St
Sussex Mews
Robert St
Willcocks St
Spadina Ave
Classic Ave
Huron St
Harbord St
Sussex Ave
Huron St
St George St
Hoskin Ave
Tower Hall
Hak House Cir
King's College Cir
King's College Rd
Gabraith Rd
St George St
Russell St
Bancroft Ave
Spadina Crescent
College St



HURON STREET

MP

BA

U of T
BOOKSTORE

SPADINA AVENUE

NOTE: See page 39 for building

ROSKIN STREET

BEVELLY STREET

Descriptions

COLLEGE STREET

HENRY STREET

WB

EA

GB

SF

CH

FRONT CAMPUS

KING'S COLLEGE ROAD

PR

RM

MCCAB STREET

MC

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HA

RS

DC

MED
SCI

GERSTEIN
LIBRARY

TZ

QUEENS PARK STATION



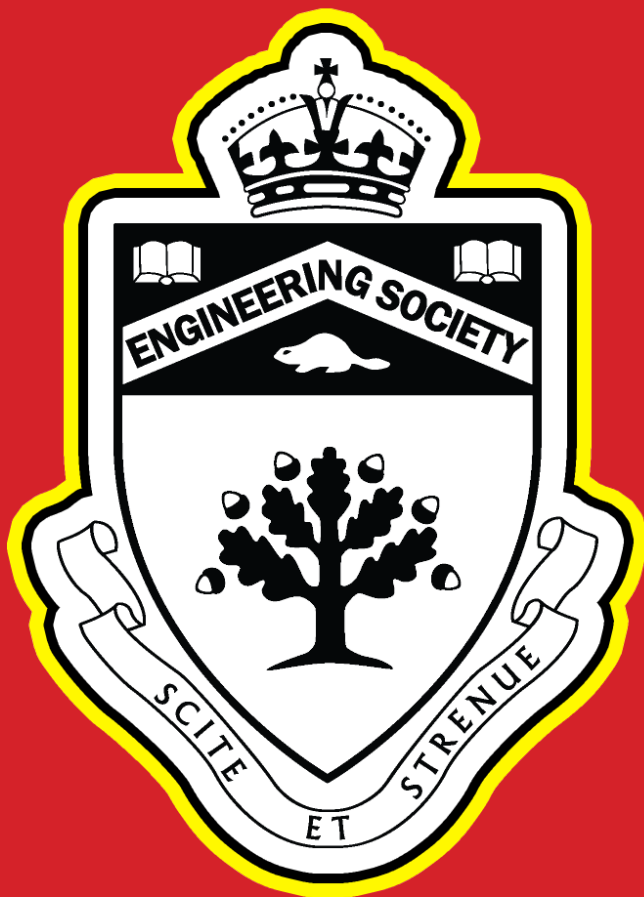
COMING TO THEATRES NEAR YOU

The MARIO BAKER MARIO'S ASS THE MINISTERS
BreakFast Club

Five strangers with
nothing in common,
except each other.



FEBRUARY 6TH 3263



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 Frosh Handbook • Commercial Operations: The Hard Hat Café, Engineering Stores, Suds (student-run pub) • skule.ca • Skule™ Dinner Dances: Cannonball, Gradball • You're Next Career Network • Community Outreach: Movember, CN Tower Climb for United Way • Hi-Skule™ Recruitment events: Designaplooza, University of Toronto High School Design Competition, Skule™ Sisters, Pre-F!rosh • Frosh Week (Orientation) • The University of Toronto Engineering Competitions (UTEK) • Club Funding • Representation to the Faculty Administration • Academic Assistance: past exams (courses.skule.ca), tutors database (tutors.skule.ca) • Representation to the University of Toronto Students' Union • Much, much more!



UNIVERSITY OF TORONTO
ENGINEERING SOCIETY

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