Welcome, Frosh.

We’ve been waiting for you.

And watching.

You’ve always felt something strange about the world. So you delved into the sciences and the mathematics, but your search for answers proved fruitless.

Are you ready for the truth?

It’s no matter. You’ve taken the red pill. High school is only a memory now.

Welcome to the Faculty of Applied Science and Engineering at the University of Toronto.

We are the last defence of humanity.

We make the world a safer place to live.

And if you believe that, you’ll believe anything.
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, and the opinions of others

We respect all individuals without regard to race, colour, sex, creed, sexual orientation, ethnic or national identity, disability, or age

We uphold the reputations of other students and respect them

We respect a student’s right to privacy and confidential information

We follow the letter and spirit of the 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
Unfortunately we cannot credit everyone for their writing in this section. It would take more than half a page to properly describe who did what. We would like to thank all those who submitted their write-ups on time! If you find any text to be in error, please notify your local authorities immediately, and burn the page.

Coffee provided by Starbucks (ugh!) Candy provided by Candy Island. Food provided by O’Grady’s & Sushi on Bloor. Adobe InDesign 2.0 for letting us undo things. Barb Ellenson for all her help. Michael Studniberg for the OTL handbook source files. Richard Yu for the SkuleBook photo archive. All of the people who donated their time to review the publication (twice!). Mom. My invisible friend. Oh, and all those Falun Gong people who kept us company late at night in the Atrium.
Get involved, F!rosh. And visit the rest of this handbook online at: handbook.skule.ca, for lots of useful information.

As you should know by now, you will be referred to as “F!rosh” until NEXT September, so get used to it. It’s a term of endearment, silly.

Welcome to the Faculty of Applied Science and Engineering (a.k.a. Skule™). You’ll be getting a lot of welcomes in this book, and most of us mean it. My name is Alice and I’m the editor of the handbook you are holding. Getting this package from us should excite you about going to university. Try to read the entire book: it was written especially for you, and designed to give you information you need AND make me feel important at the same time.

This is where I’m going to try to cram all the advice I can for you, because I really want you to do well and succeed. Yes, I am that nice, Kevin.

1. Get involved. In anything and everything you like. Don’t let it take over your life, but do something fun so you won’t go crazy. See SKULE LIFE for more details.
2. Get copies of old exams and tests. See EXAMS in the ACADEMIC section.
3. Go to as many lectures and tutorials as you can, and take good notes.
4. Become a class rep. You’ll find out how when someone important comes to your CIV class.
5. Do not find out what Mario’s Bakery is on Pg. 45.
6. Make friends with people in your residence. See RES LIFE on Pg. 59.
7. Go check out Toronto. At least the parts we love and recommend. See Pg. 66.

Obviously, that was part shameless tactic to get you to read the rest of this book. Trust me, flip to any page, and you’ll read about something you’ll need this year.

I’d like to personally thank everyone for helping with this handbook. Thanks Kevin, I couldn’t have possibly done it without you, =), well... maybe I could have. I do owe you big time. Thank you Annat and Jesse, for coming in so many times to layout, I really appreciate it. Thanks Amy and Kan, for your talents and time. Thanks Barb, for everything, sorry about the extra work. A very big thank you to the officers, for making things easier. Thank you, Don at U of T Press. Thank you, mom and dad.

Alice Xu
YOU HAVE JUST SAVED YOURSELF FROM THE COMFORT OF THE MATRIX THAT WAS HIGH SCHOOL. WHAT LIES AHEAD OF YOU IS YOUR NEW REALITY. ORIENTATION WEEK IS THE INITIATION THAT GIVES YOU A TASTE OF ENGINEERING. BE PREPARED TO EXPERIENCE, LEARN, AND BE TESTED.
Come to EVERYTHING during Orientation Week! Frosh week (as it is more popularly known) is the best week of the school year, and it’s custom-made for you. When you buy your Frosh kit, you are gaining admission to all events during the week. Come to everything, and THEN decide if it’s not for you. You won’t be forced to do anything, but you should check out everything. That way, you can see what engineering is really like for yourself.

Show spirit! This is easily the easiest way to meet new people, get upper year textbook hook-ups, and find out about upcoming events. Nothing works better.

Get involved. An involved Frosh is a happy Frosh, and that is why our faculty has the most fun. There is something for everyone here in engineering, no matter who you are. We have bands, teams in every sport, performances, parties, and competitions that are open to everyone. Frosh week is an excellent opportunity to meet coordinators, learn about some of the stuff you are interested in (engineers are typically multifaceted), and become a part of Skule™. This is why we do it in the first place. Getting involved can potentially turn your time here from mediocre to addictive.
**Orientation - 9**

<table>
<thead>
<tr>
<th>Time</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00</td>
<td>Arrive @ Con Hall</td>
<td>Tutorial</td>
<td>Chances Start</td>
<td>SAC Day</td>
</tr>
<tr>
<td>8:45</td>
<td>8:45 Enter Con Hall - Buy Frosh Kits</td>
<td>Con Hall Survival Session</td>
<td>Con Hall Survival Session</td>
<td>B&amp;G Bad Races</td>
</tr>
<tr>
<td>9:00</td>
<td>Con Hall WELCOME</td>
<td>The Test</td>
<td>Lunch @ Hart House</td>
<td>Departmental Lunches</td>
</tr>
<tr>
<td>10:00</td>
<td>Emerge From Con Hall</td>
<td>Con Hall Proceedings</td>
<td>Con Hall Survival Session</td>
<td>Dept. Lunches</td>
</tr>
<tr>
<td>11:00</td>
<td>Campus Tour</td>
<td>Con Hall Survival Session</td>
<td>Lunch @ Hart House</td>
<td>Dept. Lunches</td>
</tr>
<tr>
<td>11:30</td>
<td>12:00</td>
<td>Con Hall Proceedings</td>
<td>Con Hall Survival Session</td>
<td>Dept. Lunches</td>
</tr>
<tr>
<td>12:00</td>
<td>12:30</td>
<td>Con Hall Proceedings</td>
<td>Con Hall Survival Session</td>
<td>Dept. Lunches</td>
</tr>
<tr>
<td>1:00</td>
<td>1:30</td>
<td>Con Hall Proceedings</td>
<td>Con Hall Survival Session</td>
<td>Dept. Lunches</td>
</tr>
<tr>
<td>2:00</td>
<td>2:30</td>
<td>Con Hall Proceedings</td>
<td>Con Hall Survival Session</td>
<td>Dept. Lunches</td>
</tr>
<tr>
<td>3:00</td>
<td>3:30</td>
<td>Con Hall Proceedings</td>
<td>Con Hall Survival Session</td>
<td>Dept. Lunches</td>
</tr>
<tr>
<td>4:00</td>
<td>4:30</td>
<td>Con Hall Proceedings</td>
<td>Con Hall Survival Session</td>
<td>Dept. Lunches</td>
</tr>
<tr>
<td>4:30</td>
<td>5:00</td>
<td>Con Hall Proceedings</td>
<td>Con Hall Survival Session</td>
<td>Dept. Lunches</td>
</tr>
<tr>
<td>5:00</td>
<td>5:30</td>
<td>Con Hall Proceedings</td>
<td>Con Hall Survival Session</td>
<td>Dept. Lunches</td>
</tr>
<tr>
<td>5:30</td>
<td>6:00</td>
<td>Con Hall Proceedings</td>
<td>Con Hall Survival Session</td>
<td>Dept. Lunches</td>
</tr>
<tr>
<td>6:00</td>
<td>6:30</td>
<td>Con Hall Proceedings</td>
<td>Con Hall Survival Session</td>
<td>Dept. Lunches</td>
</tr>
<tr>
<td>6:30</td>
<td>7:00</td>
<td>Con Hall Proceedings</td>
<td>Con Hall Survival Session</td>
<td>Dept. Lunches</td>
</tr>
<tr>
<td>7:00</td>
<td>7:30</td>
<td>Con Hall Proceedings</td>
<td>Con Hall Survival Session</td>
<td>Dept. Lunches</td>
</tr>
<tr>
<td>7:30</td>
<td>8:00</td>
<td>Con Hall Proceedings</td>
<td>Con Hall Survival Session</td>
<td>Dept. Lunches</td>
</tr>
<tr>
<td>8:00</td>
<td>8:30</td>
<td>Con Hall Proceedings</td>
<td>Con Hall Survival Session</td>
<td>Dept. Lunches</td>
</tr>
<tr>
<td>8:30</td>
<td>9:00</td>
<td>Con Hall Proceedings</td>
<td>Con Hall Survival Session</td>
<td>Dept. Lunches</td>
</tr>
<tr>
<td>9:00</td>
<td>9:30</td>
<td>Con Hall Proceedings</td>
<td>Con Hall Survival Session</td>
<td>Dept. Lunches</td>
</tr>
<tr>
<td>9:30</td>
<td>10:00</td>
<td>Con Hall Proceedings</td>
<td>Con Hall Survival Session</td>
<td>Dept. Lunches</td>
</tr>
<tr>
<td>10:00</td>
<td>10:30</td>
<td>Con Hall Proceedings</td>
<td>Con Hall Survival Session</td>
<td>Dept. Lunches</td>
</tr>
</tbody>
</table>

Please visit handbook.skule.ca
WHY YOU SHOULDN’T WEAR YOUR SUNDAY BEST DURING F!ROSH WEEK

If you are anything like most engineers, all you really care about is your outfit. Nothing else matters, as long as you look good. While you should always show up to class looking like you are going to the prom, auditioning for Canadian Idol, or dance at a club for the rest of the year, this is not the case for F!rosh week.

Why, you ask? It’s because we get purple.

You will begin your quest for the iron ring with what you might think is a rather bizarre ritual: the tradition of dyeing ourselves purple. So when people ask you, here’s what you can tell them:

The year was 1796, and the darkness had fallen. The brave men of the British Royal Navy were powered by equally brave men of the Royal Engineering Corps. They were the only people working tirelessly to keep her Majesty’s ships running from the ends of the Earth. These were hard times for everyone. The enemy was stronger than we knew.

So that they might be identified as engineers, each officer proudly displayed a bright purple patch on his right arm, just below the shoulder. Because of the sweat, grime and bilge water in the engineer’s work environment, a good portion of the purple dye would inevitably be transferred into the engineer’s skin. Thus, even in the rare moments when they were out of their uniforms, the engineer still wore the mark of his profession. Royal Engineers would often go down with fallen ships in last-ditch efforts to slow the sinking process so that more people might escape, survive, and be saved. As a badge of honour, and as a reminder of those who have gone before us, we temporarily mark ourselves with the colour that expresses our pride in our history.

You can expect to stay purple for at least a few days, depending on how thoroughly you cleanse yourself. You don’t have to dye your entire body purple unless you really want to. It is, however, a good way to show some spirit on your first day of university. Alternatively, you can dye selective parts of your body (your face, your arms, or your legs) if you wish.
Alcohol

While most people identify engineers with intelligence, a passion for problem-solving, social awkwardness, lack of language skills, an interest for electronic gadgets, some also identify us with a love for drinking. Like most of the other traits mentioned above, alcohol is definitely not obligatory to an engineer.

The history of engineering at the University of Toronto has been closely associated with alcohol and its consumption. Many of our main cheers and songs boast of the engineer’s ability to drink large quantities of beer. In fact, the mainstay of our image on campus has been a general disregard for good behaviour combined with excessive intake of beer.

As you well know, the double cohort has changed many things in our province. Times are changing, and you are at the forefront. Before you the average age of entry at U of T was at or above the legal drinking age. Now we are expecting well over half of the incoming students to be under 19. What does this mean for those who fall under this category?

Well, first of all, don’t feel like you’re missing out on something big. The entire university has been trying to address the alcohol issue for you over the past few months. Orientation will not have any events that are exclusively centred on alcohol. Any events that do have alcohol for sale will be enforcing a wristband policy. At no time will you be pressured to drink in order to have fun.

Do not drink if you are under-age. You endanger yourself in the eyes of the law, and you furthermore endanger the proprietor who can’t necessarily check every patron thoroughly. You will have plenty of time later on in life to get smashed as much as you want, but as long as any person is below 19, there exists a very large and real problem of legalities. So please consider partaking in a dry orientation if you are not 19 yet.

The reality of the situation is greyer than this. Throughout the year you will inevitably be surrounded by people who can and do drink. Just consider the following: you will at some point be presented the opportunity to drink; whether you’d like to take it or not is your own personal choice. Don’t do it unless you understand the consequences. Most of all, don’t do anything stupid. We want everyone to enjoy their time here. Take care of yourself and watch out for your friends. Alcohol is not the most evil thing in the world, but it is dangerous when handled without care.

Please visit handbook.skule.ca
If you could boil down the essence of an engineer into a fragrance, it would probably smell bad. Besides, you’re not in engineering to look or smell good. You’re here to use your precious little noggin to make the world a better and safer place. So naturally, you want to protect your head at all costs. You’ll find a shiny bright-yellow hardhat inside your F!rosh kit. It is by far the most important piece of equipment in your standard issue gear. When you put it on, you will be immediately identified as an engineer anywhere on campus. It will also make you an obvious target, though. An engineer’s hardhat is probably the most coveted trinket during F!rosh week. As such, you’ll have to be on guard as passing artsies will be sure to swipe a hardhat off a complacent F!rosh student.

So for goodness’ sake, DON’T LOSE IT. You will become a laughing stock if your hardhat gets stolen. There are a few measures you can take to prevent this tragic event from occurring. We’ll run you through a few:

1. Stay close to your F!rosh group. Predators always look for the stragglers.

2. If anyone makes an attempt on your hardhat, or you see someone who is acting suspicious, notify those around you by yelling “hardhat!” and be sure to point. Awareness is the key to preventing an artsie from even thinking about trying it.

3. You can snake your forearm through the harness so that it’s impossible to remove the hardhat without popping your arm out. This is effective because it will slow down any aggressor. While it’s a guaranteed method of protection, it’s still pretty tame. So keep your hardhat on unless your F!rosh leader indicates to take them off.

4. Eventually, some smug artsie will get close enough to reach for someone’s hardhat. Again, make sure to yell “hardhat!” at the slightest sign of trouble. You’re better safe than sorry in this respect. If you are able-bodied and unburdened, do what you can to detain the perpetrator until help can arrive. Do not be afraid to tackle or subdue an artsie with moderate force. They understand the risks; don’t let them off easy. Try your best even if it’s not your own hardhat!

5. This is rather obvious, so it’s the last point: don’t leave your hardhat on the ground. It should either be sitting on your head, or safe in your hands.
Good, now that we have that covered, you'll probably be interested to know about the other kinds of hardhats. Yellow isn't the only colour available. By contributing to SKULE™, certain members of the Engineering Society receive special hardhats in recognition of their service:

**Avacado**
In the same vein as publications, these hardhats are worn by the Engineering Communications (Eng Com) Chair, the Web Administrator, the Archivist, and the Eng Com System Administrator. The Speaker of the House at Eng Soc council meetings also gets one of these.

**Beige**
Worn by the two SUDS managers. Read more about SUDS on page 40.

**Black**
The Mighty SKULE™ Cannon is our official mascot. The Cannon Guard are its designated protectors. You can recognize them by their black hardhats and black coveralls. The head of the Cannon Guard is called the Chief Attiliator, and has a special issue black hardhat with a slick face mask. Read more about the Cannon on page 73.

**Blue and Gold**
These hardhats are awarded to the winners of the Mr. and Mrs. Blue and Gold contest. It's a competition that's run during Godiva week in January. Read more about it on page 42.

**Fluorescent Orange**
The Lady Godiva Memorial band issues these helmets to its three leedurs: the seenyur leeder, jun-yar leedur, and the d(r)umb majur. You can read more about them on page 30. The regular members of the LGMB use their own hardhats.

**Gold**
The president of the Engineering Athletic Association (EAA) gets this rather brightly colour helmet. For more info, see page 49.

**Green**
Worn by the editors of SKULE™'s publications. There's four of them: The Cannon, The Handbook (yours truly), SkuleBook, and The Toike Oike. Publications are found on page 52.

**Maroon**
The two managers of Engineering Stores (see page 47) receive cool maroon hardhats.

**Orange**
These go like hotcakes to every leader of a recognized SKULE™ organization. They're also given to engineering's SAC reps.
**Hardhats**

**Red**
These are issued to the director, producer, and master carpenter of Skule™ Nite. Read more about it on page 44.

**Silver/Dark Blue/Light Blue**
These hardhats do not exist. If you see them, you actually didn’t. Got that? It’s that simple. Okay. Now that we’ve reached an understanding, you might like to know that the silver hardhat is worn by none other than Mario Baker (he’s the big cheese of the BFC, but you didn’t hear that from us). The dark blue hardhat belongs to Mario’s Ass, who does a lot of the dirty work. Light blue hardhats belong to BFC ministers.

**White**
Each vice-president (Activities, External, Finance, and Internal) of the Engineering Society wears one of these spiffy hardhats. White is also the colour that professional engineers typically wear (because it matches anything, of course). The president wears a white fireman’s helmet. The officers’ addresses can be found on page 33.

**Yellow**
The standard issue hardhat given to every F!rosh student. Also the most likely to be stolen.

---

**Hierarchy of Protection**

Protecting your hardhat is important, but there are other things that you need to consider. If things get hairy, always remember the order of things you need to address:

1. The Mighty Skule™ Cannon
2. The Engineering Flag
3. Non-Existent BFC Hardhats
4. The Bnad
5. Your hardhat
6. YOU!
IN ORDER TO SURVIVE AND MOVE ON, YOU’LL NEED TO STUDY. YOUR MAIN FUNCTION IS TO PASS ALL YOUR COURSES AND ENTER SECOND YEAR. THE NEXT SECTION WILL GIVE YOU MANY TOOLS TO ATTACK YOUR WORK LOAD HERE AT SKULE. READ THEM CAREFULLY, AND USE THEM WELL.
In the upcoming years, you’ll be doing a lot of academic work. You’re here to get an education, after all! The following pages will help you get an idea of what to expect in your every day schooling.

This section represents the combined experience of many upper year students. You’ll find all sorts of crazy stuff about lectures, tutorials, labs, your marks, your courses, time management, textbooks, computer accounts, and exams. You’ll eventually figure this out on your own, but consider it a preamble to your time here.
People have all sorts of names for you, mainly because they are jealous. You are the guy/girl going into Engineering. You were the well-rounded one in high school. You are just going places, kid. Come on, let’s be honest, you didn’t go into engineering to slack off; you came here to work.

So it only makes sense to sit in the front of the classroom during lectures. The reasons are simple: it’s just feels right being closer to the front.

First of all, you can actually hear the professor. The most important thing in a lecture is your professor, not your textbook. He/she is a fountain of course-related knowledge, and almost as importantly, sets your quizzes and tests. Hanging on to his/her every word can only help you understand the material. Sitting elsewhere could result in annoying noises drowning out the professor (i.e. the people talking about the latest Jocelyn Millionaire/Big Brother Island installment).

Chances are, you require some type of vision correction device. Sitting in the front lets you read the board clearly, even the stuff the prof squeezes into the corner because he’s too lazy to erase the board. You’ll regret sitting in the back when all the little letters start to blend together into one gooey mess.

In the front row, you’ll find people who actually pay attention in class. Often, they’ll ask relevant questions. Sure, once in a while, some annoying person will ask a string of questions, but these people are hard to avoid. People in the front also attend classes regularly. This means good, solid, complete notes you can access.

Some might say, only the nerds sit in the front, the cool people sit in the back. These people will fail. The smartest thing you can do at school is maximize productivity for time in the classroom, so you can study less at home. This way you have time for the real fun stuff. How much “fun” can you really have sitting in the back of a lecture room, NOT paying attention? How “cool” is wasting your time attending a lecture when you just plan to sleep? These are rhetorical questions.

The back row is no magical mysterious marvel. It’s definitely better up front.
Lectures

This is the raison d'être (pardon my French) of your university experience. Without it, your days would be hollow voids filled with coffee and office politics. This is the only time in your life where you have no regular daily routine. Lectures are scheduled quite randomly throughout the week. There will be large breaks, and back to back nightmare sessions. The important thing is to attend them. Some people get by with the textbook alone, but it is highly advised that you attend lecture as much as possible. The reason? Simply put: you don’t want to fall behind.

Each lecture begins at 10 minutes past the hour, and ends on the hour. You’ll have 10 minutes to rush to any class you may have next, or anywhere from an hour to three hours off. Use your breaks to eat (you need to eat) or take care of your other daily necessities. For some professors, the chalk-board is the only place where you will get essential information that will be useful throughout the term. Other professors are walking textbooks who only regurgitate information. It’s up to you to decide what kind of professor you have. You’ll know within a few weeks and can adjust your learning style accordingly. Don’t waste your time copying notes that are useless, and don’t be a snob and miss out on crucial information. Take good notes, write down the examples, they will be on the quizzes and exams. Do get notes from your friends when you can’t attend the lecture.

One last word of advice: once you get your lecture schedule on ROSI, go to http://courses.ece.utoronto.ca/ and click on the “Build your own Schedule/Timetable.” This will save you the annoying work of converting ROSI scheduling information into a spreadsheet.

Tutorials

These are a supplement to your lectures, and primarily focus on tackling problems and going through the material that your professor has taught. The Teaching Assistants (TA’s) run these tutorials, and can range from helpful to helpless. The majority of TA’s are students who were once in your position. Don’t expect too much sympathy, but you’ll probably feel more comfortable approaching them with questions compared to your professor. A lot of the time, the TA’s know the professor well, and you can use them to communicate indirectly with the professor. Tutorials are usually an hour long, but some can go for two hours. Those are the killer ones that usually involve a quiz at the end. Tutorials will only be what you make of it, make the most of it. They aren’t 100% necessary to your education, but they can cement the ideas you’ve learned in lecture. Don’t be shy, ask your TA useful questions; don’t be annoying, and ask the questions that will waste everyone else’s time. Most TA’s will stay a little after class to answer one on one question. Do not hit on the TA’s. They are not available.
If lectures are your raison d'être, Labs are somewhere between a root canal and spending a night on the toilet after a binge on chili. Both are necessary but painful. One of the key features of your engineering education will be time spent in the lab. In labs you will begin by replicating some of the experiments you did in high school, only they will be slightly harder and a bit more confusing. The important thing in a lab is to keep your head level and DO NOT PANIC. Always work as quickly as you can, distribute your time evenly throughout the lab. In other words, part one of four shouldn’t take half the time allotted.

You will be guaranteed to spend many precious minutes staring at your apparatus and not knowing exactly what to do. The point isn’t to be ‘correct’ and have perfect data. The point of laboratories is to proceed to collect your data with the apparatus as you have set it up and then interpret the data afterwards. Ask the TA for help. Remember, the great scientists before you didn’t know what they’d finally end up with. A lot of people copy data and fudge the numbers in a futile effort to agree with theory. If your data looks wrong, take note of your exact setup and try to figure out why it went wrong. You won’t get penalized if your results do not concur with a formula written on a page somewhere. You definitely won’t learn anything by copying someone else’s lab.

The analysis and write-up of your results are often the most time consuming things about an experiment. Don’t skimp on the discussion part of your report, it’s worth the most marks. Try to do most of the legwork while you’re actually in the laboratory. This will cut down the amount of time you’ll need to spend crunching the numbers. Always do the pre-lab provided for each experiment. They involve doing relevant readings and a few theory questions to familiarize yourself with the procedure. Not only is it worth significant marks, but you’ll actually learn a lot. Your time in the lab will also be more worthwhile if you know what you are doing. Keep a neat lab book; it will come in handy when you need information.

In the end you will have a two digit number that says how well you did in the course. Some people fail, most people pass. Whatever happens will happen for a reason, so be prepared to deal with the results. A lot of people are obsessed with their marks and use them to relentlessly compare themselves with other people. How you choose to digest them is your own business. Perhaps you’d like a bit of sage advice? Here we go: marks are very important, but they aren’t everything. If you live a balanced life, good marks can’t be the only thing that makes you happy. Get involved and have fun.
ANTI-CALENDER

The following are words of wisdom you must read. They are introductions to courses you will take this year from students who took them very recently. We are just telling you how the course really is, straight from our experiences. You’ll only find your first term courses introduced here - you are on your own after Christmas.

**APS103 – Engineering, Society and the Environment**
Some people say this course is useless. These people may or may not be related to George W. Bush. You’ll need a good memory and be receptive to many tree-hugging ideas. The editor of this handbook is a bit of a tree hugger herself, and enjoys nagging people to recycle. If you want to learn a bit about history, how to prevent problems before they occur, AND save the world; you should really pay attention in lectures. You have to take good and careful notes in order to do well. On quizzes and tests, always use KEY WORDS and just throw random things in between them. “End of Pipe solutions”, “Preventative Engineering”, and “Niche” are some favorites.

**APS105 – Computer Fundamentals**
This is your typical JAVA intro course. If you have taken programming before, this course shouldn’t be very difficult. You have to keep up with the course as it moves quickly, especially towards the end. Always do your own labs if you don’t want to risk failing. Do your labs early. Do the questions in the textbook after each chapter, they will help. Always use the right format and spacing on quizzes to make your TA happy.

**CIV101 – Structures, Materials, and Design**
This course is not just for civil engineering students. Believe it or not, even if you are in chemical engineering, you still have to take it. Get a group of friends and work on the weekly problem sets together. You’ll get them done faster and almost always understand what’s going on. Always do the tutorials, they often show up on exams. Nothing in this course is too difficult; the important thing is to keep up. The quizzes will be a very good indicator of how well you’ll do on the final. Buy the Sharp 520 calculator, they’ll check, trust me.

**MAT186 – Calculus**
This is the easy calculus course. It’s almost like a review of high school calculus. While it’s easy, you still need to put time into it to do well; if you don’t need to study and still able to pass this course, you should be taking the harder calculus course, MAT196. Just do the work and you’ll be fine. Try not to fall asleep in class, it’s not very polite. At least don’t snore.
MAT196 - Calculus
This is the hard calculus course. It differs from the MAT186 course in that it’s better. If you are strong in math, I’d suggest taking this course no matter what discipline you are in. The first bit might be confusing, the whole delta-epsilon thing can be hard to understand, don’t worry. All the stuff they spoon fed you in high school will now start to make some sense. No more “anti-derivatives”. 
BUY THE TEXTBOOK AND SOLUTION MANUAL. You’ll use it for your next three calculus courses. Always do the questions on the textbook. Try to go to the lectures; they can even be entertaining, especially if you have Sabri.

MAT188 - Applied linear Algebra
This is the easy Algebra course. Probably the easiest of all the math courses you’ll take in Engineering. The second half of the course gets a little more difficult, but nothing you won’t be able to handle. You may think some of the stuff in this course will be irrelevant to the rest of your life, and you may be right. If you put in the work, you will get a good mark.

MAT198 - linear Algebra
This is the hard Algebra course. Not as useful as the hard Calculus course, but if you want to, try it out at first, you can always switch later on. The text book is pretty good, so use it well. Learn every single concept and theory ten times, until you really, really, fully understand it, before moving on. Don’t be fooled by the easy stuff in the beginning. It gets so much harder.

MSE101 - Material Science
MSE is about the atomic structure of materials and how materials react to stresses like heating and bending. You will gain a new understanding and possibly respect for the act/art of breaking things. Labs can be long and hard, but just write good lab reports to impress your TAs. Everything is pretty straightforward, but you have to remember a lot of material. Gone are the days of cramming the night before the quiz/midterm/exam; with this much information, you have to take them in doses. You have to study hard for this course to do well, good sense and logic doesn’t get you as far in this course as in others.
CIV102  
Structures and Materials  
This course is a study of bridges and towers. You will learn all about the stress and strain within these structures, as well as the stress and strain placed on you to get extremely long and difficult problem sets completed for the weekly tutorial. The course will also have two design projects on which you will work every waking hour for several weeks only to have them destroyed in a cruel, humiliating testing procedure. In the end, you will feel as though it was all pointless as you can take your exam mark as your final mark if it is higher than your course mark, however it is not worth risking since without having done the course work you won’t be able to answer a single exam question. Prof. Collins’s lectures are extremely well done, and will be your only source of information as there is no textbook and tutorials are not very good. Take good notes since they are your only source of information and you are allowed to take your notebook into all your quizzes and the final exam.

CSC180  
Computer Programming  
Being the easier of the two programming courses, CSC 180 is intended to be for those who have never programmed before; however, it is also ideal for those with the attitude of a slacker. Lectures are an ideal time for catching up on sleep, as even those without experience in the programming world will, on occasion, find the pace boring and slow. The textbook provides a great amount of help on assignments, as do the TAs in the lab sessions. You will have little difficulty getting through this course provided you don’t copy code, as the department has enlisted a most powerful system of plagiarism detectors and when you get caught, there will be serious consequences (if you know what I mean).

CSC181  
Computer Programming  
Unless you learned to speak C before English, you will find this a challenging course, however expect a very generous bell curve. Count on working into the early morning hours completing your assignments only to find that the prof will work even harder to try to crash your program. Depend upon the text to help you out on your assignments, however lectures are useful and can be quite entertaining as the prof mocks those taking CSC180. It is worth taking good notes since you are allowed to take anything you want, including the kitchen sink, into both midterms and the final.

MAT185 - Linear Algebra  
The purpose of this course is to confuse you with concepts such as vector spaces, subspaces and spans, which you will never actually understand. Despite this being a math course you will not see a number the entire semester. Throughout the semester, you will find yourself having difficulty proving basic principles such as $A + B = B + A$, over and over again. The best solution is to forget everything you ever...
knew about math, especially when
the prof decides "for fun" to
make up his own special kind of
addition and multiplication. Buy
the solution manual and memorise
quiz and problem set solutions
since these problems are reused
on the midterm and final.

MAT194 - Calculus I
If you didn’t believe that eng
sci wanted people to drop out,
then this course will convince
you. Even if you enjoyed proving
useless things in high school, (and
I don’t know why any one would) by
the end of this course you will
hate them after being introduced
to the evil fraternity of delta-
epsilon. Profs in this course may
have a tendency to go well beyond
what you will be able to ever
understand, so use your textbook
wisely. Make sure you practice
writing your name, as it’s the only
thing you’ll be able to do on the
two midterms and the final.

PHY180 - Physics
This course starts off as a review
of high school mechanics and
dynamics, then moves into rotating
and oscillating things. Lectures
are well worth attending because of
the frequent demonstrations, which
enable you to actually understand
the purpose of your convoluted
calculations. Labs fortunately
are only every second week since
they tend to be long, boring and
take three hours out of your life,
which you will never get back.
Compared to your other courses,
the workload isn’t bad except for
the occasional lab write-up which
tends to involve pages and pages
of error calculations which end up
telling you that you can use three
significant figures, which is what
you would have used in the first
place. If you do your problem
sets than you should be fine for
the two midterms and strangely
simple final (or perhaps it’s just
simple compared to calculus).
One of the first things you’ll notice about university is a severe lack of time. You’ll have a lot more lecture hours per week than your artsy friends. This may seem unfair, especially when they get paid more than you in four years (working for that big philosophy factory opening downtown). In any event, you’ll find yourself sleeping less than you’d like to. This is one of the sacrifices you’ll make as an engineering student, especially around midterms or finals. One thing that will come in handy is effective time management.

Use your planner. They are free at the bookstore and other various locations. Always write down dates of quizzes, labs, assignments and midterms in your agenda as soon as possible. Be very specific when you do this; don’t just depend on your memory. You will forget. It may also be helpful to write down how much time you plan to commit to each item, make sure it’s proportional to the its weight for your final grade, as well as your confidence on the subject.

Do not keep a part time job. If you do, make sure you work less than 10 hours a week. The extra 8 bucks an hour is not worth it. You may fail a course that costs $1000 AND lose your summer vacation. Quit your job when you find it detrimental to your school work. Juggling is not a good idea.

Don’t burn yourself out. Get involved, but don’t over-work yourself. It’s a good thing to push your limits, and U of T Engineering is just the place for self-improvement, but take care of your mind and body by resting when you need to. Set aside time just to relax and have fun.

Take advantage of lecture sessions offered by the Koffler Centre specifically for engineering students held at lunch starting in September. These lectures are informal and often helpful. Starting your year with good studying habits will go a long way.
TEXTBOOKS

The average engineering textbook is $100. In first year you will have five courses per term. You can therefore expect to spend somewhere around $1000 for books throughout the year. It’s a significant portion of your yearly spending, so make sure you know what you’re getting into.

Don’t buy your textbooks until you’ve attended the first class of each course. The professor will give you a syllabus which should outline the required textbook(s). Don’t bother with the supplementary textbooks unless you have both time and money to read them.

When you finally choose a bookstore, don’t fuss about the long line-ups. You might get lucky and go during off-peak hours, but everyone has to get their textbooks eventually.

Engineering Stores
(Located in the SF Atrium)
Stores has the best prices, a friendly staff, and is run by fellow engineers. Everything you want in a bookstore!

Discount Bookstore
(Located on the south side of College, west of St. George)
As the name suggests, you’ll receive a small discount on books here. It’s in the basement next to Ein*Stein, so you can stumble in anytime you want. Even though they’re cheaper, it’s a smaller operation so they can’t replenish stock as quickly. Some books may not be available here either.

U of T Bookstore
(Located on the north side of College, just west of St. George)
Though the prices here are always a bit higher than Discount, you can expect plentiful stock. They’ve also got all the official U of T gear (clothes, mugs, backpacks...) so you can go around strutting your stuff.

Other Sources
Upper year students may have their books for sale. Just ask around. Make sure you are buying the same edition as stated in your syllabus, because some professors change editions (or even entire textbooks). Each discipline holds an event called a ‘smoker’ roughly once per month. They are quick swap-meets where you can go in hopes of scoring some cheap books.

CALCULATORS

The faculty has a list of approved calculators. They’re usually crippled versions of more powerful calculators. You won’t be able to write a quiz or exam without an approved calculator, so don’t mess around. You can find them at the U of T Bookstore, or just copy the model number and get them elsewhere.

We recommend the SHARP 520. It’s cheaper and more user-friendly. Trust your calculator. It might be your only friend.
University of Toronto
Internal Controls & Standards

Notice of Procedural Change

As of February 7th, 2003, the University's Department of Internal Controls & Standards (UTICS) requires that students entering their first year of an undergraduate engineering program write a Pre-Registration Academic Proficiency Test. This procedure was implemented for the following reasons:

- assessing the impact of changes in Canadian educational structure
- highlighting problem areas in material covered in secondary schools
- preparing first year students for the rigours of a university education
- improving the over-all educational capacity of this institution.

This test must be written by:

- **ALL** first year undergraduate students in the Faculty of Applied Science and Engineering
- exception: those writing the TOEFL, or similar proficiency test.

The test will take place on **Wednesday, September 3rd, 2003**, starting at 9 AM. Locations will be posted outside the registrar's office. Students writing the test must bring:

- blue or black pen
- non-programmable, non-graphing calculator
- University of Toronto student card

In order to prepare students for the test, the University of Toronto Engineering Society has organized two non-mandatory tutorial sessions. These sessions will take place on:

- Tuesday, September 2nd, 2003 at 7:00 PM
- Wednesday, September 3rd, 2003 at 8:00 AM

For more information, please call the department's information hotline at (416) 946 3586.
ECF STUFF

ECF stands for Engineering Computing Facility. It governs your access to a computer on campus. You will get to know your ECF account like the back of your hand.

To set up your swank ECF account:

LINUX (Do this first!)
1. Get in front of an ECF computer that runs LINUX.
2. Type getname as the login and don’t enter a password.
3. Follow the instructions and you should get your login name.
4. Change your password with the command passwd at the command line.

Windows (ECFPC)
Your ECFPC login name (for windows machines) is the same as your Linux login but with “.2007” tacked on to the back (frosh becomes frosh-2007). The password is the last four numbers of your student number followed by your month and date of birth (use two digits for each!).

LINUX COMMANDS
- cd blah - change the current folder or directory to blah
- cd .. - go up one directory
- chmod - changes a file’s attributes
- cp dusk dawn - copy a file from dusk to dawn
- finger string - displays the username, real name and year of everyone with the text string in his or her name.
- kill -9 procid - terminates the process with id number “procid” (see the ps command). This can stop a computer program that is in an infinite loop
- ls - lists the files in the current directory. -l shows file attributes. -a shows hidden files.
- man keyword - displays instructions on how to use the keyword command.
- mcopy source dest - this is similar to cp, but mcopy also allows you to copy files to and from the floppy drive.
- mkdir - lists the files on the floppy drive
- mkdir name - makes a new directory with name name
- mv source dest - move or rename a file from source to dest
- nedit - a text editor, good for beginning programmers
- passwd - change your password. If you log out and then log back into your account within 10 minutes of changing your password, you’ll get locked out. Visit the ECF office, GB 154, to get this fixed
- pico filename - opens the file filename in Pico, a text editor
- pine - launches your e-mail and newsgroup program
- pq - displays the number of pages you’ve printed so far this term
- ps - lists the processes currently being run. You can kill these (see kill)
- rm file - deletes the file named file
- rmdir folder - deletes the directory named folder
- vi - a more complicated text editor
PAST EXAMS

You don’t need to know this right away, but it’s good to have it on file for future use. When the time comes to write midterms and finals, you can obtain past exams through a variety of sources. Not only is this highly useful, but it’s usually cheap as dirt or free! Each exam kit typically includes every course you’re taking in the current term. Each course will have several years of previous exams for you to peruse. Solutions are not usually provided unless directly from the professor. There’s no need to go thoroughly through all of the past exams. The most recent two finals are usually enough to get you rolling.

Copywell
(Located across from the King’s College Road gateway)
Just steps away from Sanford Fleming (your engineering hub), Copywell provides cranky photocopying technicians and exam kits for every discipline and year. All you have to do is ask, and fork over a bit of cash. Careful though, these exams very rarely have solutions. You’d be advised to buy a kit and go through it with some friends. See picture above.

Engineering Stores
(Located in the Atrium)
Is there anything this place doesn’t sell???

Engineering Library
(Located on the 2nd floor of the Sanford Fleming Building)
See Libraries on page 64. You can also find some exams here.

CESA
(Chinese Engineering Student’s Association)
Usually holds some sort of sale in the Atrium before exams. Stop by to take a look. They’re friendly! No, you don’t have to be Chinese.

Course Websites
(Varies)
Some professors will post their old midterms and finals for you to see. Sometimes there will be solutions. If so, count yourself lucky and start printing them out!

Upper Year Students
(Always a good source!)
You can usually get the original exam question sheet off upper year students. They probably won’t remember how to do anything completely, and so you won’t have solutions, but it’s a start.
There is a certain consistency in life that comes from having your back against the wall. Typically, a surge of adrenaline results in an increased heartbeat and sharper vision. The purpose of this response is to prepare your body for action in a dangerous situation. In the lecture hall, this is no different. Mark my words: sitting in the back row will save your life. It is a common misconception that sluggards, miscreants, and social misfits sit in the back row. It is also a fatal misconception to think that it’s harder to hear and see from there. My purpose is to dispel of these myths and reveal to you the truth before you decide where you wish to sit.

So let us address the first issue at hand: what kind of person sits in the back row? The environment ultimately defines its inhabitants, so a simple description of the back row should illuminate this:

Imagine a place where leg-room is abundant and you have ample choice of seating. You can walk into class late and be sure to find a place. Imagine now, that the seats are not too overused from a million asses sitting on them. You have your own space. No one sits adjacent to you. The rancid smell of halitosis mixed with minimal personal hygiene is not so powerful (those kids are in the front row...). The prof can’t tell if you’re taking notes or sleeping. You can choose to learn, or you can choose talk to your friends. Ambience and Luxury: Come to the back-row, the air is thinner up here.

I apologize if it was a bit dramatic; I found it on a brochure one day in the back row (of course). My point, however, is to demonstrate that sitting in the back row is a matter of comfort. If you want to be crammed like sardines, then go to the front row. If you want to stretch out, put your feet up on the chairs in front of you, then come to the back row. I guarantee you will find a seat, or your money back. Don’t let people diminish your luxurious environs whilst they sit like a pack of disgruntled hyenas up front. They’re just jealous.
require telescopes to see properly at a distance, the added distance will just force you to stay sharp and pay attention. Perfect notes are just a myth anyways. You can always patch them up with other people’s notes. Don’t focus so much on writing everything down if you don’t even understand what’s going on! Now, it might be hard to understand when you can’t even hear what the professor is saying. To this, I say that this is not the fault of the back row at all. Think about it: if you can’t hear, it’s because the assholes between you and the professor are talking. This can work to your advantage if the course sucks and you just want to joke around, because it works the other way (the professor can’t hear you).

So don’t go around spreading bad word about the back row because it’s hard to see and hear. It’s the last safe haven for the people who know that good marks and a studious attitude are just synonyms for straight n’ narrow.

ALICE ISLAME candy candy CANDY MM
PERFORMING YOUR STUDYING DUTIES ALONE WILL NOT BE SUFFICIENT. THE ENGINEERING SOCIETY IS THE BASE FOR YOUR SKULE™ LIFE ACTIVITIES. SOME CALL IT ZION. IT HAS MANY FACILITIES AND VENUES FOR YOU TO INVOLVE YOURSELF; THUS PERSERVING YOUR EXISTENCE. LIFE AFTER TAKING THE RED PILL ISN’T EASY; THESE ACTIVITIES WILL KEEP YOU SANE AND HUMAN. DON’T BECOME A STUDYING MACHINE, FIND OUT HOW IN THE FOLLOWING PAGES...
Well now, your academic life can’t be everything. Seriously, there’s a lot more going on behind the scenes. The Engineering Society provides a neat framework of clubs, publications, teams, and an entire student government to help make things run smoothly and efficiently. This is a good way to get involved that is just one step removed from your academic life. That’s right, it’s your SKULE™ life.

This section is broken up into four subsections: Eng Soc Addresses (greetings from the officers of the Engineering Society), Events (The fun stuff that happens during the year), Teams (that you can join), and Publications (that you can write for).

Stay tuned!
ENG SOC ADDRESSES

On the following 3 pages, you'll find a message from each of the Engineering Society officers.
Welcome to Skule™. You are about to embark on a four-year journey full of obstacles and surprises. It’s a scary and exciting position to be in, but let me reassure you, it’s not as scary as you might think it is. Skule™ is a tight-knit community with a lot of spirit and heart. No matter who you are or where you’re from, there is a place for you here.

An important part of your university experience is, of course, academics. The faculty will ensure that your engineering education is one of the best in Canada. Things will be rough at times, but if you work hard enough, you will make it. Remember never to get too overwhelmed by your class work and always ask for help. Older students are always willing to give advice that they’ve learned through their own experiences. If that’s not enough or you can’t find one, feel free to ask your discipline club and they’ll direct you to the right people.

The non-academic side of Skule™ is the most exciting, and gives you the best opportunity to learn and to grow as a person. There are a large number of clubs, committees and student groups within the faculty that you can be a part of. These activities include, but are definitely not limited to: participating in intramurals with the Engineering Athletics Association, designing racecars with the Blue Sky Solar and Formula SAE Teams, attending events run by student groups like the Chinese Engineering Student Association (CESA) and Brown Engineers Society of Toronto (BEST), and attending engineering conferences across Canada. There are so many opportunities available to you that I’m sure you’ll have a hard time deciding what you want to do.

The society will play an important role in your life at Skule™ whether you realize it or not. As a full-time undergraduate engineering student at U of T, you are a member of the engineering society and entitled to all the services that we provide. We have scholarships for those in financial need and awards to those that merit them. We provide funding to the faculty, all discipline clubs and engineering affiliated groups like the dragon boat team and the robotics team to name a few. We even send students to engineering competitions across Canada to develop their communication and design skills. I urge you to take full advantage of the services that the engineering society provides to you, because that is what we are here for.

So, during your four years here at Skule™, remember that the engineering society is here for you whenever you need it. My office is always open, so drop by and see me for any problem, large or small.
Hey F!rosh, my name is Mike Diez d’Aux and I am going to be your VP Activities this year. I’m kind of lucky: my position is all about making sure that we are having fun while we’re at Skule™. It’s a labour of love, and I’ll do my best to make sure that everyone finds what they are looking for. However, my job is at its most useful when people like you approach me and ask how they can get involved. I have the experience and the knowledge of all that Skule™ has to offer, and I can definitely find what you are looking for. In a way, I’m sort of the personal shopper for extracurriculars. But that’s not all! If you want to start your own club or hold your own event, I’d be glad to help you out. So after F!rosh Week (also one of my jobs), drop me a line at vpactivities@skule.ca or find me in the Eng Soc office and I’ll help you find something you like. See you in Skule™!

The VP External’s role ranges from overseeing operation of the Engineering Career Office to selecting and preparing conference delegations throughout the year. I’m looking forward to getting students at U of T more involved with relations between other universities in Ontario and Canada. There are many opportunities for involvement with national groups that students at Skule™ don’t often hear about. As VP External, it’s my job to inform you of these events and opportunities that really allow you to further your university experience. Please feel free to e-mail me at vpexternal@skule.ca. Best regards, and good luck with your first year at Skule™.
I hope you are ready for one of the wildest rides of your life. As Vice President Finance of the Engineering Society, I am responsible for overseeing the financial activities of the Society. I ensure that students’ money is being spent responsibly and in a fashion that satisfies the needs of engineering students. The Engineering Society funds a number of services for our students (most of which are described in this book) and we will continue to search for new ways to appeal to our students.

The Engineering Society strives to represent each and every one of its constituents. Please make a point of stopping in our office (B740, in the basement of Sandford Fleming), meeting the officers and tell us how we can serve you better. I look forward to meeting you and hope you have a great year.

The Engineering Society is an organization that does a lot for undergraduate engineers, from throwing F!rosh Week for the first years to buying iron rings for the graduating fourth years. It’s my job as Vice President Internal to let you all know what the Engineering Society is up to and how you can get involved. To this end, I handle all communication matters between the Society and the student body. I also have a few secretarial duties in that I keep minutes of Engineering Society meetings and make sure all relevant policies and documents are updated and ready for use. Finally, this year, I also intend to undertake some academic advocacy on students’ behalf, to make sure we all get the treatment we deserve when it comes to the GPA! So, come on out, and get involved – you won’t regret it!
Throughout the year, several organizations are working hard to provide you with quality entertainment. Whether you’re kicking back and chilling out at SUDS, wreaking havoc with the Bnad, or being mischievous with a certain-something that does not exist, rest assured that SKULE™ is here for you.
LADY GODIVA...

Leedur: Susan "You gonna finish drinking that?" Hogle (hogle@ecf.utoronto.ca)

D(r)umb Majur(k): Thorsten "Where’s the cool party this weekend kids" Klaus (klaus@ecf.utoronto.ca)

Joonyur Bnad Lady: Dirty "Luke Wesley" (wesley@ecf.utoronto.ca)

YOUR STRAIGHT A’S END HERE!!!

Butt yoor ghud thyms doent haf 2 iph yu chooz too Bcum eh mhembir uf the Lady Godiva Memorial Bnad, a 53 (±3) yeer-ohld tradishun.

So, reyet now yer prolly thincin, "bhut geyes (and guhrls) wut’s dis “bnad” yu speek of. Whell, cinse eye dunt hav three donkees, a helikopter, uzd bubel gum, or eh tahking pi, I can’t giv yu d propr introducshun. But I’lI give it my best:

INTRODUCING!

The world-famus, quintuple prize-winning, SE Xtuple record-setting, TSE krashing, football feeld dashing, alkohol stashing, joke rehashing, stealth-Bnad stalking,

imposter-bnad mocking, Con Hall shocking, Gradball rawking, pop machine filling, ready-and-willing, Crown Royal swilling, "yo, we just chilling", Yonge St. Cruising, Varsity Bluesing, ear drumb bruising, music abusing, Pratt Building, Four Seasons, Skydome, Eaton Centre, CN Tower, Innis Condo, Bahen Center for Information and Technology, Scarborough RT, Spadina Streetcar AND SUBWAY OPENING… (AND Subway CLOSING)

The Lady Godiva Memorial Band! Marching Gregorian chant society, renegade musical terrorists, and white noise brigade.

Iph yu stil dohnt get mi dripht, Da LGMB be a kross betwixt a marching band, a pep skwad, and a genetiklly modiefyed monkee. Weez be playin’ eer-soothing moozic, weyel cheering on howr beeloved Skule™ and

ALICE IS LAME candy can dy CANDY MM
honouring da memery of Lady Godiva. Weir U of T’s (un)offishul spirit skwad, but weez gets uhway wif tuns uf stuffs, just undher da geyse of eh marching bnad. Wile sum of uses actshally pozess moozsicul talent, NO MUZIKUL ABILITEE IZ REEKWIRED TOO JOYN DA BNAD. If youze ken shout, screach, or moov sum part of yer body, yu cen come oot wit de bnad. I coodint pleh a noaht when eye started; end now Eyem da bnad leedur!! Jest rumembur dis, blink tweyes for yes, thrice fer kno, end wonc for mor beer.

2 find oot aboot ehvents you ken eyther joyn the mailing list by e-mailing lgmb@skule.ca, or jus chek da pop machines in de Atrium fer pos(t)ers for upcoming uhvents. Wheel alsoh half a websight soon, so chek www.lgmb.skule.cc fer mohr info. We’ve got instruments you can (ab)use, sheet moosic for da mmore musikly inkleyened, end lotz and lottz of booze…er…I meen pop. So if you wantsta meet nou peepul, occasushunally kause a ruckuss and infoose peeps wiff spirit then look for da Lady Godiva Memorial Bnad at a Skule™ near you.
As you can see from the F!rosh Week schedule, a lot of time seems to be devoted to something called Suds. Why is so much of your precious F!rosh Week existence crammed into something that sounds so nebulous and, well, cleansing? Simply put, Suds is a great place to be - whether you’re waiting for the next orientation event to start or trying to wipe away the pain of the previous week at Skule™ with some friends on a Friday night. Suds is the place to be.

If you haven’t caught on by now, Suds is a bar operated by the Engineering Society, and it’s the last undergraduate student-run pub on campus. It’s open from about 3pm until sometime before 1am every Friday of the Skule™ year and every day during F!rosh and Godiva Weeks. It’s the place where everyone goes after a hard week at Skule™ to relax, listen to some good music and basically have a lot of fun before facing the mountains of homework over the weekend.

This year, Suds will feature a lot of cool themes. September 28th will be Every Holiday We Miss During the Skule™ Year Suds, where we’ll be celebrating every big event (Canada Day, Caribana, Pride Week, etc.) that we don’t usually have a chance to party up at Suds all at the same time!

We’re also featuring a lot of new products this year, including an assortment of virgin and non-virgin tropical and frozen drinks along with BUBBLE TEA! This will complement our usually selection of a wide variety of beer, liquor, pizza and non-alcoholic drinks.

Suds is always all-ages and we firmly believe that cover was created to kill parties. Be sure to bring your ID.
JACKET WEANING

By second year you will realize that since you only have one body, you only need one jacket. It must be a proud and noble jacket, one that blends in with the rest of the society and is still some what unique, a badge of honour, a garment that strikes fear in the eyes of opposing universities, but most of all, something that no F!rosh should have!

The engineering jacket is the one proud Skule™ symbols that everyone can wear (except F!rosh). In case you are one of those slackers that reads every other line: F!ROSH CAN NOT HAVE ENGINEERING JACKETS. The reasons for this are simple. You never know how hard engineering is going to be until you’ve passed first year, but, more importantly, you have no idea what discipline you will transfer to by second year. However, if you are an arrogant little F!rosh and decide to purchase one, you will be branded a nerd (more so than you may already be). No F!rosh jacket will be weaned.

Because the earliest that an engineer can purchase a leather jacket is second year, and if you’re hard working, you’ll only be in Skule™ for four years, there is very little time for this jacket of yours to get worn in, and there’s nothing worse than walking around Skule™ with a clean jacket that has bright white lettering and no stretch marks whatsoever. Weaning takes care of this problem for you.

The typical weaning:
First of all the leader of the weaning party circles the atrium asking for donations of BEvERages that will turn the bright white lettering to piss-yellow. Second, the lightest member of the weaning party will don the jacket and proceed to be dragged around the atrium in a counter-clockwise direction. Once the jacket has mopped the floors the stretching begins. This is the most creative part of a weaning and it is always started with each member of the weaning party smacking the jacket to the floor in a ceremonial fashion that Queen’s will never match. Finally the jacket is covered with whatever horrible concoction the weaning party can come up with, thrown in the garbage, and brought to the bar where it is seasoned with a lovely blend of herbs and spices. The jacket is stored in the freezer until the smell sets.
Do you want to join a committee who’s sole mandate of having a good time? Do you want to join a committee who may or may not know how to party Texas-style but is more than willing to find out? If you have answered yes or no to any of these questions, it doesn’t really matter, because you should join Blue & Gold anyway. Blue & Gold hosts such events as movie nights (we are screening the Skule™ Cannon Video), mystery bus tours (we fill up buses to party with other schools at destinations unknown) and assemble the homecoming float (in nothing short of a Texas style hurricane). Finally the best way to meet the widest spectrum of people from fellow F!rosh to upper years is to participate in our insane events. Blue & Gold is like a family: I wear the pants and you will do as I tell you.

Godiva week
Godiva week takes place the second full week of January and is an annual festival of Skule™ spirit (liquid or otherwise). Here is a (brief) overview of all the mayhem:

Godiva’s Resurrection
Held on Monday, it marks the official opening of Godiva week. This event features the LGMB, a reading from the sacred book of Calculost and is catered by Mario’s Bakery.

Hard Hat Decoration
Open only to F!rosh. This event allows students to present their fully decorated (and chained) hardhat to panel of incorruptible judges who can and will not be bribed.

Mr. Blue & Gold
Perhaps the funniest event, Mr. Blue & Gold allows a panel of unbribeable judges to decide who Mr. Engineering is after a revealing boxer short exposé.

Ye Olde Chariot Race
The centerpiece of our hallowed week. The chariot race pits each discipline (and F!rosh) in a full contact battle royale where each team races a chariot built by their team. The winner of this event is presented the eagerly sought after J.P. Potts Memorial Trophy by a panel of incorruptible judges.

Other events this week include (but are not limited to): gladiators, calculus races, movie nights, pub crawls, and Godiva’s quest.
Blue and Gold

(see pictures on opposing page!)

Godiva’s Wake
This event rounds off the week with award presentations, special guest stars and plenty of surprises.

Cannon Ball, the engineering annual semi-formal, takes place on Saturday. It’s an event where we all can show some style and class and enjoy a fine meal. Special guests include the Skule™ Stage Band and the Cannon plus a host of others.
Skule™Nite is the musical comedy revue staged each year by engineering students (just like you). Will be, that is. Just like you will be. Assuming you’re reading this before September, of course. If you’re reading this after that, then I guess what I said was okay the first time.

If you thought that was confusing, wait until your first vector-calculus lesson.

Skule™ Nite is the funniest show on campus; I’m not just saying that because the producer and director are paying me to. Even Artsies who see it think it’s hilarious, not that we need their approval.

Almost every year since 1921, Skule™mates have staged a rousing show, and this year will be no exception. This year, like so many before, there will be singing and dancing and hilarity and laughing and clapping and hilarity. And hilarity. I cannot stress that enough.

If you would like to be part of the singing and dancing, even if you croon like a fog horn and move like a duck, come out and audition in October.

If you would like to be part of the laughing and clapping, then come see the show in March. The price of a ticket is included in your f!rosh kit.

If you would like to get involved, but think you’d be better behind the scenes: building, running lights, sound, or writing sketches then e-mail skulenite@skule.ca.

If you would love to make sense of everything I’ve said, then visit http://www.skulenite.skule.ca

Tiffany Conroy, Eng Sci OT1+PEY
Former Skule™ Nite producer (OT2),
former cast member (OT3, OT1, OT0)
and former crew member (9T9)
Press Release

BRUTE FORCE COMMITTEE

Being a totally fictional and imaginary organization which does not exist, has never existed, and never will exist...

Firoshiez.

Dis’ er’ writing does not exist has never existed and never will exist. With that said we be da Brute Force Committee (a.k.a Bavarian Farmers Coalition, Best Friends Club, etc.). We be da peeps who be doin all dat crazy stuff yiz be seein’ round campus. We also be da peeps who do crazy stuff to other campi. But eh! We don’t be destroyin’ but beautifyin’ da campus, beautifyin’ Friendly Campus’. If you be seein’ peeps in Black Coveralls Carryin’ ladders n’ paint or something Cool you can be absolutely sure it is not us bec’se we don’t exist. But if you tink’ n’ dat yuoz be seein’ dat you would be lookin’ dat de Ministers Dey be da peeps who be extra, extra, extra spirited. For a Couple 0 years. And if youz gets knocked real hard on the head and thinkin’ ‘Hey who’s dat guy with Dark Blue hardhat and that pizano’ with the cape and Silver hardhat’; you musta been to Sun’s recently Cuz you be thinkin’ you seeing my Ass and me (Mario Baker). And hey, if you be thinkin’ you up for some of dat stuff I just (didn’t) talk about. Be spirited in Firosh Week and maybe you’ll get de Chance.

DA’CHIEF

Mario Baker
Newark, New Jersey
D'Events of the Best Friends Club
Being a F!rosh is an expensive proposition: tuition, residence/transit, books, Skule™ supplies and lots of caffeine (for those late nights) are all putting a strain on your tiny F!rosh chequebook. Luckily, there is a place were you can buy at least some of the above at insanely cheap prices. That place is Engineering Stores!

Engineering Stores is a completely student operated store that sells everything that you will ever need for an engineering education. Pens, pencils, lab books, graph paper, log paper, rulers, protractors and much MUCH more. You name it, we have it. If we don’t have it, and enough people want it, we’ll get it. Even odd things you can’t find anywhere else such as flexible curves, German set squares and more pencil leads that you ever knew existed, ranging all the way from HB to 5H.

Not only that, but we have THE lowest prices in the city on first-year textbooks. GUARANTEED.

What’s more, we sell all the NON-educational items that will keep you looking like real U of T engineers. Our clothing line includes toques, t-shirts, hooded and non-hooded sweatshirts, jackets for every season, Skule™ hospital pants, hats, athletic towels and tons more stuff which you’ll have to come and see for yourself.

Engineering Stores is run entirely by students and all of its managers and employees are engineering students just like you. All of the profits go directly back into improving the store and bringing better deals and services to students.

Did we mention that we have THE cheapest first year textbooks anywhere on or near campus? Not only that, but we sell used textbooks (both first and upper-year), making it easy for you to make a buck on your old books and find next year’s for cheap. You get a great bargain and the money goes directly back to the students – there’s no reason to shop anywhere else (well, unless you need groceries or personal hygiene products, both of which we highly recommend)!

Check out our website at http://stores.skule.ca and come visit us in the basement of the Sandford Fleming building. We’re looking forward to seeing you support your store!

Sunaina Menezes
Operations Manager

Matt Parker
Finance Manager
If engineering spirit isn’t enough for you, there are plenty of teams out there waiting for eager students.

The Engineering Athletics Association runs all of our intramural sports teams. If cars are your thing, we have two flavours: formula SAE and solar. However, if you like to be on a permanent hydroplane, you can always join the Concrete Canoe team!
Classes suck. We all know that, so what do we do to rid ourselves of the tired monotony that is a BASc? Simple, we throw and kick stuff, at other stuff. It’s even more fun when that other stuff is people!

Before you get any crazy ideas, let me just say that I’m talking about intramural sports here. Skule™ has one of the premier sports programs at U of T, and we’re always looking for new and dedicated “athletes” to come out and have fun. Don’t worry if you weren’t invited to the last NBA draft (I was only chosen 4th round myself) because we have many different divisions for many different skill levels, ranging from “damn competitive” to “what the hell is that? A soccer ball? Ow, my pancreas!”

We’ve also got many clubs to get involved in (juggling, dancing, and rock-climbing to name a few) and we throw a huge party at the end of the year. So drop by the office (SF basement) and say hi. You can probably smell the rugby jerseys from the hall.
**FORMULA SAE**

The Formula SAE team is a well-established group of students who love racing. Using this passion, they build their very own race car. The 2003 season will be U of T's 6th official year at Pontiac, Michigan, where 140 teams are judged in static events such as design, marketing and cost and, of course, in dynamic events where the car is raced in acceleration, skid pad, autocross and endurance contests. Every year, the team participates in numerous recruiting and publicity events to get exposure for our projects and to welcome new students who are eager to get involved. If you don’t like getting your hands dirty, we are looking for people to work on the business side of things. This includes getting sponsors and keeping them updated with newsletters of the team’s progress. The team makes numerous presentations to faculty, sponsors and the public. If you are interested in building the car, then this is your chance to design CAD (computer aided design) models of your ideas. Come out and join us for an irreplaceable experience in engineering and racing. For more information, visit:

http://www.ecf.utoronto.ca/~fsae

---

**BLUE SKY SOLAR**

The Blue Sky Solar Racing team is the 14th best solar car racing team in the whole world. The University of Toronto’s sexiest team of race car drivers is also proud of their invention of the word “environment” and their discovery of the sun. Our superheroes design, build and race solar cars in international biannual competitions in the U.S. and Australia. Blue Sky Solar Racing is like the Fast and the Furious meets Star Wars: Jedi Knights race ridiculously expensive cars. We live our lives one 3010 km race at a time. Membership on the team, the largest student run organization at the university, drastically increases your chances of picking-up members of the opposite sex and being one of the first people to set foot on Mars.

Check out our website:

http://www.blueskysolar.com
Concrete? A Concrete Canoe?


The University of Toronto Concrete Canoe Team designs, constructs, and races a canoe built entirely of concrete. We work throughout the Skule year to design our racing hull, formulate our less-dense-than-water concrete mix, and develop our construction methods. Mix in some construction sessions and a few late nights, and presto - you have a concrete canoe! The highlight of our year is the Canadian National Concrete Canoe Competition, in which teams from across Canada come together to race their concrete creations.

Concrete Canoe is great way to meet people and have a good time (not to mention score the occasional free meal). Our team is completely multidisciplinary; we welcome f!rosh from all disciplines - no experience required! So come out to our meetings, and you will quickly find yourself involved with a bunch of motivated engineering students.

Check out our team site, http://www.ecf.utoronto.ca/~canoe for more info, look for us during F!rosh Week, or contact canoe@ecf.utoronto.ca. canoe@ecf.utoronto.ca.
When we realised that the 50 monkeys weren’t cutting it, it was decided that actual students would need to produce the society’s publications. Therefore, for as long as can possibly be remembered (i.e., the years 1974-1990, 1992-present) human beings have been used to compose the society’s handbooks, newspapers, yearbooks, leaflets, brochures, wax tablets, treatises, junk mail, and votive offerings.

Keeping with tradition, anyone working in the Eng Com room (located in the SF basement, adjacent to the Eng Soc office) must: have a buzz cut, wear a loosened tie, chomp on an unlit cigar (or reasonable facsimile thereof), and speak only in the most grizzled of voices.

Without further ado, the offspring of the society’s intrepid ink-slingers are, in alphabetical order for your reference preference:

- The Cannon
- The F!rosh Handbook
- The Skulebook
- The Toike Oike

Michael Studhiberg, Elec 0T5
Engineering Communications Administrator 0T3 - 0T4
GREETINGS!

Stalwart adventurers, hardy privateers, and lucid dreamers alike, take note: the Toike Oike is the university's only humour newspaper. Our mission is to (at the very least) put a smile on faces across people laugh so but that would be a bit messy! Now: hear ye, hear ye! We talented writers to fill our ranks. We’re also looking for graphic artists to make cool stuff like this:

Text and graphics may be our bread and butter, but the newspaper doesn't happen without people to help with layout and distribution. So, if you'd like to get involved, e-mail me at tvoike@skule.ca, and we’ll talk shit about newspapers for a while, and then decide where you can fit in.

In the meantime, please feel free to visit our website conveniently located at http://tvoike.skule.ca

Cheerio,

Kevin Au, Toike Oike Editor
The Cannon is the official engineering newspaper, run by and for engineering students. This year we plan to make The Cannon an even more dynamic and fun paper to read, with news coverage of the issues most important to an engineering student as well as fun and humorous features like “Dead Scientists Corner” and “Point-Counterpoint”. We are always looking for new additions to our team, so if you’re interested in writing, layout, copy-editing, art, or photography, drop us a line at cannon@skule.ca. No experience required, just enthusiasm and tolerance for high doses of fun! The double-cohort issue is going to be on everybody’s mind this year, and we need Frosh to write about their experiences. Have an opinion? Join our team, even before you get to University! Visit our website at http://cannon.skule.ca/staff.

Although Skule™ is just a computer generated illusionary universe, your experiences in Skule are real (as far as you’re concerned). SkuleBook, the U of T Engineering Yearbook, is a hard-covered, internally-pliable database rich in archives describing our history, activities and traditions. When you leave Skule and face the grim realities of the biological world, SkuleBook will remind you of who you really are, and of the semi-rational exercises that you can and will undertake during your stay here.

During our periods of turmoil (otherwise known as the second term final exams in April), the SkuleBooks will be circulated to be autographed by your allies and companions. Those with the F!rosh code-name (ie. you) are entitled to a free SkuleBook with the purchase of a F!rosh Kit.

Also, feel free to participate in the assembly and compilation of future SkuleBooks. You can help our cause in many ways: writing, layout, photography etc. Email Kharthick at skulebook@skule.ca for future data.
If the Engineering Society is Zion, then there is still life outside of Skule™. You must learn how to survive the dangerous world outside. Don’t let them get to you. You’ll need stay in top shape, mentally and physically. In order to achieve this, read on to discover the intricacies of campus life.
In this section, we’ve outlined some of the things we found important to first year living. These following topics go a long way for a healthy, balanced, fulfilled lifestyle.

If you live in rez, or commute, read on.

If you have a physical form and would like to keep it in shape, read on.

If you plan to study, read on.

If you want to have fun in Toronto, and get the inside scoop on some best hidden secrets, read on.
Hey all. Okay, so you'll probably be told by your Frosh Leaders that SAC sucks. You’ll probably hear that the entire rest of the university is irrelevant and that you can find everything that you want at Skule™.

They’re closer to being right in Engineering than at any other place at U of T, but they’re not quite right. The rest of the university has all sorts of amazing things happening, and SAC is one of your biggest links to all of that. SAC (the Students’ Administrative Council) is your representative to the highest levels of university administration, your forum for debate about what the entire full-time undergraduate student body wants to undertake or express an opinion on, your exclusive source for the best student health and dental plan in the country, your exclusive source for a discounted TTC (transit) monthly pass and the home of the U of T spirit squad, the Blue Crew. That and its President and VP University Affairs this year both happen to be Engineers. I’m the President and Howard Tam is the VP UA. We both got our iron rings last year. (I was originally EngSci DT2, but graduated Elec DT3, while Howard was always a Comp DT3.)

There are a million and one cool things happening at SAC all the time, from demonstrations to music festivals to being crazy at football games to funding and supporting smaller clubs on campus. You’ll find us under the dome on Hart House Circle or you can email me at president@sac.utoronto.ca. I’ll see you during Frosh Week. Unless you choose not to show up; then you’ll be missing out on a lot.

EDITOR’S NOTE - How to get money back from SAC!
You pay around $100 for a Health and Dental plan as part of your tuition. If you are covered by your family or work, which most of you are, you can opt out of these plans to get your money back next year. The deadline to opt out is around early October, so don’t forget. I’m still kicking myself for not doing it last year. Get the forms (for your friends, too!) from the SAC office (under the dome) and say hi to Ashley. He just loves attention.
U OF T FUN PLACES

If there’s one thing we all have in common, it’s our need to have fun. The University of Toronto recognizes this and provides a number of facilities and venues to trick us into feeling fulfilled.

Athletics Centre
Meant to make campers happy by making campers healthy. See our section on Athletics on Page 62. Don’t forget to check out their clubs!

Hart House
“Get in here” is their slogan, and they really mean it. On top of their recreational athletic facilities (Page 62), they also offer a wide variety of clubs at your fingertips. There’s a debating club for those who know when to say “point of personal privilege”. There is the investment club for those who read the Globe and Mail. Not to mention the archery club for the strong, the camera club for those with a keen eye, the jazz ensemble for the blues fans, the chess club for the brainers, and the amateur radio club for the future Harry Neales. Hart House theatre is always exciting and top-notch. Don’t miss out on Hart House Theatre; the shows are always refreshing and well-crafted. From Shakespeare to independent student scripts, this is one of the best venues to showcase U of T talents.

Victoria College
This tradition college is not only beautiful to look at, it’s also very exciting. Victoria chapel often offers concerts for students, while the Isabelle Bader Theatre shows films and hosts special events. Every fall, Vic Colleges runs “November Feast” in the Burwash dining hall, you don’t want to miss it. Something cool is always going on at Vic.

Innis College
The Innis Town hall is a centre for fun. One thing especially worth mentioning is that every Friday night, the lovely Innis College offers a free movie. These films are almost always worth watching, and could go a long way to helping you become more cultured.

University College
Check out all there events anytime through out the year. They also run the winter “Fire Ball” that’s always a blast.

Engineering Society
You should have read all about it in the section before this one. Get involved in ANYTHING you are interested in.
You are SO lucky. You get to live in residence. This enables you to gloat before your non-res friends because you can wake up five minutes before a lecture and still make it on time.

You are on your own. You'll probably know only a handful of people (if any) in the beginning. Do try to socialize early on because the residence experience is primarily a social one. You'll like some people, you'll hate some people, and you will have a crush on the cute blonde three doors down. Remember, while floor-cest is frowned upon, it often happens.

Residence will be tons of fun. But living with different people isn’t always easy. Conflicts will arise, so try not to flip out when they do. You’re living with these people for eight months. There’s no sense making things uncomfortable for yourself. If there’s a problem that needs a third-party intervention, ask your friendly local Don or Residents’ Assistant. They’re usually upper-year or graduate students who are paid by the residence to stay and offer their experience to incoming students.

If you live in a floor-style residence, there will be parties going on almost all the time, at least at first. Expect noise. If you are more of a Yanni fan, kindly refer to our “Libraries and Study Spaces” section on PAGE 64 for quieter times.

Bring the basic necessities at first: clothes, toiletries, & stationery. Other things like posters, pictures, and crystalline figurines of your grandmother? They’re just clutter that you’ll have to deal with when you’re moving out, so choose carefully! The important thing is to make yourself feel at home while keeping in mind that you’re only there for about eight months.

Moving into residence is also a good way of cleaning-up and organizing your life. So take time to figure out what you really want to bring into your post-secondary life. That includes your current boy/girlfriend.

Bring a good computer. Most residences have high-speed internet. Check with your residence before moving in.
For many of you, residence will be your first exposure to living on your own. Accordingly, it’s a good idea to keep a level head while you explore these newfound freedoms.

A large part of living in res is the fact that you can roam around and talk to people throughout the building. Everyone will be around the same age, and they’ll be friendly (most of ‘em, anyways!). Friends that you make in res can be some of the best friends you’ll have throughout your university career and possibly the rest of your life. Just remember that you will probably see these people more often than you’ll see your family, and that it’s not always necessary to stay up to 4 A.M. to discuss grand ideals or the trials of life. As such, try to respect other people’s space. There’s nothing more annoying than a person whose only goal in life is to pass from room to room and talk for about five minutes. Take as much time to yourself as you spend with other people.

Trust me, make friends with Arts and Science students. They’ll be some of the nicest, smartest, and funniest friends you are lucky enough to meet.

If you have a roommate, things can get complicated. Respect his/her space and privacy as much as possible. Our advice is not to get too close to your roommate when you’ve just met them. Be friendly, but don’t be imposing. Things will get too messy if you become best friends within the week and THEN realize you really can’t stand him/her. Do NOT hog-up the phone line fighting with your boy/girlfriend at 3 in the morning, your roommate will hate you. But if your roommate is quietly screaming on the phone at 3 in the morning, try to be understanding, and not take it to heart (they will break up by Thanksgiving anyway).

Don’t be a slob, either. ALWAYS DO YOUR DISHES A.S.A.P. Try to shower at least once a day. And brush your teeth before going to lecture. Keep bathroom tissues stocked. The closest Shopper’s Drugs Mart is located on Bloor, one block east of Spadina.

And you know what? Not everyone likes your music. So don’t try to force it on other people by blasting it with your door open.
There is no mystery to commuting, but these guidelines will help you through your daily ordeal to and from SKULE™. The TTC info line (416-393-INFO) boasts answers to every possible question you’ve ever wanted to ask them. Alternatively, you can continue reading...

Tokens are your best friend. Unless you plan to visit campus seven days a week, have other travel obligations, or need metro parking, they are more versatile than tickets. Tokens are especially useful at automatic turnstiles (bypass those long lines). After all, a metropass is only worth it if you use it at least twice per day (even with the new SAC discount).

As a commuter, you shouldn’t exclude yourself from extra-curricular activities. It will take some responsibility, though. Make sure you know your train and bus schedules. Make friends in residence for emergencies and overnight stays. Consider forming study groups so you don’t feel left out at the end of the day.

Food can be found all around campus (see Places to Eat on pg. 66). For convenience and economy, bring something from home. Every discipline has its own common room. They are great places to spend your lunch hour and should have a microwave and sofas.

Getting yourself comfortable on the TTC is an art. For the most part you won’t have a seat during the long hours of commuting. Morning and afternoon rides will likely coincide with rush hour. Even if you do find a seat, you’ll probably be packed like sardines. But like Mr. Churchill said, “Why stand when you can sit?”

Optimize your time on the transit. Studying materials should be limited to a single page, as you will find there isn’t a lot of space to manoeuvre. Napping on the TTC is a favourite, but be prepared to doze while standing. Most importantly, make sure you don’t miss a stop and maintain your balance at all times. Always take the “free” Metro. Trust me, you paid for it. Challenge yourself to finish the crossword before arriving at SKULE™. Better yet, purchase the new Game Boy Advanced and dive into the world of Pokémon. Trade, battle, and collect them all with your fellow F!rosh. It will be the most productive you will ever get.

Have fun commuting.

pleasevisithandbook.skule.ca
STAYING IN SHAPE

Keeping an active and healthy lifestyle will go a long way towards avoiding a total meltdown as you go through the grind. It’s easy to get lost in piles of homework, so don’t neglect the needs of your body. Your tuition includes a membership to the Athletic Centre and Hart House. Whether you swim, run, or pump iron, every little thing you do to get the most out of your time and money will pay off in the end. At least go check it out as early as possible.

**Athletic Centre**
(Harbord and Spadina)
The AC has three pools (25 yd, 50 m, and Teach Pool), a strength and conditioning centre, squash courts, an indoor field house with 200m running track, three gyms, and much more. There are clubs you can join for very little money like badminton, dance, and gymnastics. They’ll also throw in a free towel with every visit (hey, those things can get heavy and cumbersome), but you must provide your own lock. Some courts are available for hourly booking, but you have to make sure you get in line early. The only downside? If you’re not a jock or jockette, the high percentage of Phys. Ed. Students and Varsity athletes can be both alluring and intimidating.

**Varsity Arena**
(Bloor St., behind the RCM)
If the ice is what you live for, the Varsity Arena provides a two-hour free skate several times per week during the school year. You’ll have to go in and look at the schedule board to see what times are designated. There are also slots devoted to recreational hockey where you can go to play a quick game of pick-up with a bunch of random (but enthusiastic) students. If you want to attend a free skate, just bring your T-card and a pair of skates. For rec. hockey you’ll need full equipment.

**Hart House**
(Hart House Circle)
Hart House caters to alumni, faculty, and students alike. There are weight rooms, a pool, squash courts, a track, and a few gyms. The scale is a lot smaller, but you’ll find an easy-going atmosphere here and almost as much equipment as the AC. It is an older facility. You will have to provide your own towel, but here they’ll give you a combination lock in its place. Hart House is perfect for leisure workouts. Like the A.C., Hart House also has courts open for booking. Added bonus: your tuition pays for a year-round membership here, but you can’t go to AC in the summer.
NUTRITION AND HABITS

You are what you eat. Or so they say. Who’s they? I suppose that’s us. That’s right, it’s your handbook talking to you! Wake up! See? If you don’t eat properly, you won’t have the energy to follow convoluted arguments. If you can’t follow convoluted arguments, then you’re not worth your salt as an engineer.

A typical downfall of a first year student is a failure to stay properly fed throughout the year. Late night study sessions going into the wee hours of the morning, with plenty of coffee, does a lot of things to your system (mostly bad). The F!rosh-15 (some say, on average, a F!rosh gains 15 lbs) doesn’t have to happen to you.

Try to catch your three square meals per day. There’s a reason it’s been done like this for time immemorial. Don’t rely on instant noodles and caffeine to keep you going. Eating properly will give you the energy to make it through the whole day. If you have a meal plan, try to eat the healthier stuff, you know, the green things with leaves.

Try to drink two cups of water for every cup of caffeine. This will keep your teeth from turning brown and it will also keep your body hydrated.

As far as sleep is concerned, try to get a bare minimum of 5 hours of sleep per night. The average is still somewhere around 7, although this might be unrealistic to you during the year. Avoid naps unless you really need them. They break up your circadian rhythm and make it hard for you to gear up when morning lectures arrive. If your mind and body are screaming at you to get sleep, don’t be stupid about it. Get some rest! The worst thing you can do to yourself is be tired throughout the day because you stayed up late. You don’t learn anything in lecture by being sleepy, and you sure can’t do any homework when drowsy.

Anyway, we’re not here to lecture you extensively on proper eating and sleeping habits. You’re almost all legal adults now, after all. The point of this section is to highlight the importance of a healthy body on your performance as a student. Your mind will only function as well as your body can provide for it. Keep both sharp, and you won’t have an excuse for doing poorly.
LIFE OUTSIDE SKULE

LIBRARIES

As an engineer, you won’t need to go to libraries that often. The only reason you might go is to ram through some chapters of your textbook or to finish off a huge problem set. Here’s a quick run-down of the more popular libraries:

Robarts

(Located at the northwest corner of Harbord and St. George)

The concrete behemoth. Citadel of light. Big peacock. Whatever you want to call it, Robarts is the biggest fish to fry on campus. Go here to get your T-card (ie: student card) during the summer. You will need it to get into the upper floors, but once there you will find plenty of space. There are too many desks, nooks, and rooms to count. The old furniture and exposed concrete also gives this place a great retro feel. You’ll find a lot of computers on the first floor. This is also where U of T Network services is located in case you forget your @utoronto.ca e-mail password. You set it up, right? Go to http://utorid.utoronto.ca for details.

The Morrison Pavilion at the Gerstein Science Library

(Located on King’s College Circle, east side)

The study space here was recently renovated to have hip new-age mahogany-like wood furniture, and plenty of natural sunlight. You’ll find several floors of aesthetically pleasing academic goodness. Each study area has its own network jack. You’ll have to talk to network services for instructions on how to connect your laptop, but once done, you’ll be on the university’s high-speed backbone. In contrast to Robarts, you’ll have a hard time finding a seat if you go during the day.

Engineering Library

(Located in the Sanford Fleming Building, 2nd floor)

This is the grungiest library around. But it’s also in the heart of engineering. You’ll find a lot of passed-out people here. Past exams are also available. It’s a quiet alternative to the Atrium. The roundtables are also great for group work.
To: Yorkville, York U, etc.
To: Uptown, Midtown, Sheppard Line
To: The Danforth

Region of Interest
Subway Station
Continuation of subway line

Koreatown
Annex
Yorkville

Museum
CAMPUS!
Queen's Park
St. George
Bay

College
Bloor (N/S)

York U & E/w

Eaton Centre

Cool Hint: If you're ever looking for a particular address and you're not sure which side of the street to look on, remember this rule:
Odd numbers on the south and east.
Even numbers on the north and west.

Go Transit, VIA Trains

Warning: The information provided herein is intended for information purposes only. May cause serious eye injury if improperly used. Point away from face and others when opening.

By Kevin Au
PLACES TO EAT

Sushi on Bloor (Editor’s Pick!)  
(South side of Bloor, just east of Bathurst, in the ANNEX)  
We ate here a lot while making this book for you. We eat here a lot anyways. Every day. It’s that good. Picture above.

New Generation  
(South side of Bloor, further east on Bathurst, in the ANNEX)  
Another sushi place along Bloor. If Sushi on Bloor is too full, you can always try here!

Sid’s South Side Café  
(Located (I’m not kidding you) in the south side of the Sydney Smith Building)  
The crowd isn’t exactly the best, but SSSC is home of Pizza Pizza, Mr. Sub, and a decent grill. You can get lunch here for under $10 and grab a bubble tea to round out your palate.

The Arbor Room  
(Located in the basement of Hart House)  
The food is clean and fancy, but the prices are astronomical. It’s best to stick to their coffee, but if you must eat, remember they have the campus’ only all-day breakfast!

Sprockets  
(Located in the basement of the Sanford Fleming building)  
There’s no smell quite like the Atrium (ie: dungeon) around lunch time. This is the only cafeteria located inside an engineering building. The food is not too pricey, and is actually decent. Try not to stick around there too long though; the smell will stick to your clothes.

Amato’s Pizza  
(North side of College, West of Spadina, near LITTLE ITALY)  
Kind of far, but the pizza is good. There’s one on Queen St. too, near the CityTV building.

Papa Ceo’s Pizza  
(West side of Spadina, just north of Harbord, on CAMPUS)  
Right next to Cora’s. We think this one is better though.

Cora’s Pizza  
(Right next to Papa Ceo’s!)  
Some people like this place better. You say to-may-to, I say to-matte-o!
PLACES TO EAT

Café Crepe
(North side of Queen, just east of John)
Great place for some dessert. It’s quaint, in the heart of the Queen district, and always packed at night.

Gold Stone
(West side of Spadina, south of Dundas, in CHINATOWN)
Cantonese style lunch. Quick and terse service (without a smile!). Good food at cheap prices. Watch the MSG though!

Starbucks
(Located EVERYWHERE! Coming to a living room near you!) You don’t have a choice. If you don’t come to Starbucks, it will come to you.

Milestone’s
(West side of John, South of Queen, in the ENTERTAINMENT district) It’s a franchise, okay. But the food is priced fairly and it’s quite tasty. They have a pretty robust menu ranging from burgers to pastas to fairly decent entrees.

Tasty’s Restaurant
(North side of Bloor, east of Christie, in KOREATOWN) A great breakfast that’s really inexpensive. The food and service are great.

Fujiyama
(On Baldwin, just south of College and McCaul) The prices are a bit high for a sushi restaurant, but you get what you pay for. The sushi is superb, and the service is excellent. (Now if they would only stop playing J-pop!!)
PLACES TO DRINK
(DO NOT READ IF YOU ARE UNDER 19)

**Einstein Cafe & Pub**
(Editor’s Pick!)
(Just south of the Koffler centre on College, and connected to Discount Textbooks)
A perennial Engineering hangout. The food and beer are economically priced, and the service is especially kind to engineers. The jukebox has everything you need as well! Pool tables in the back, too. Go for a pitcher of house beer. It’s really cheap.

**O’Gradys Bar and Grill**
(Just south of the Mining building on College)
Not only is it the closest pub to engineering (not counting SUDS), but the food is decent and the beer is solid. There are big screen TVs, and a bunch of pool tables on the 2nd floor.

**The Bishop and Belcher**
(South side of Queen, just east of Peter)
Some of the best pub food in town. The music is actually passable, too. It’s a great place for friends and drink.

**The Bedford Ballroom**
(North side of Bloor, across from the RCM)
The food isn’t so great here. It’s got plenty of pool tables in the back, though. There’s also a sizable patio here as well.

**The Red Room**
(West side of Spadina, just south of College)
Cheap food. Unfortunately it all tastes like the same thing cause apparently they only have one grill. But sometimes you need a greasy breakfast.

**The Madison Ave. Pub**
(Just east of Spadina and Bloor, on Madison Ave.)
Kind of preppy. But LOTS of room and lots of people! It’s also a bit of an older crowd, but when everyone is smashed, it doesn’t matter so much anymore.

**The James Joyce**
(North side of Bloor, between Spadina and Bathurst, the ANNEX)
A good pub with the standard fare. Seating is kind of tight. There’s a big screen TV at the back and a few pool tables.

**Peel Pub**
(North side of King, just east of John)
After a brief hiatus from the drinking scene, Peel Pub has returned to its full glory. So go check it out!
PLACES FOR FUN

Bloor Cinema (Editor’s Pick!)
(North side of Bloor, just east of Bathurst)
Located in the heart of bohemian-town, a.k.a. the Annex, Bloor is more Cinema than Movies, more Suspect Videos than Blockbuster, more Pink Floyd than New Kids On the Block. Get a membership there NOW; it’s the best 3 bucks a year you’ll ever spend. Movies are cheap: $3 a movie for a “happy hour” show at 4 to 4:30 pm with a membership. The rest of the movies are $5 to $6, which is less than half of what you’d usually pay. Snacks are also priced in this range. New and old movies are played at the Bloor Cinema. There’s one giant screen between beautiful high ceilings and elevated seating. The balcony is a plus. I wish I could buy the place. (www.bloorcinema.com)

Cumberland
(Nestled in the heart of Yorkville)
So you don’t like paying $13.50 to get bombarded by ads and annoying people? You can get serenaded by classical music and artwork instead at the Cumberland! Typically home to international art-house cinema, you can catch a bit of sophistication here.

Futures Café
(South side of Bloor, two blocks west of Spadina)

Paramount
(Richmond and John)
The king of kings. The motion picture theatre to shame all those before it. Paramount! You want glitz, flashing lights, strange noises, and a bigass screen? How does $13.50 per ticket sound? If blockbusters are what you like, this is probably the ‘best’ place to see them as intended.

Suspect Video
(Queen&Bathurst, Bloor&Bathurst)
For all the videos that you wouldn’t expect to find at Blockbuster. Arthouse, Kung Fu, Foreign, Documentaries, & cool collectibles.
PLACES FOR FUN

**Joker**
(South side of Richmond, just west of John)
Pretty popular club. Usually a good time is had by all. Generally well behaved people with reasonable taste in music and considerable skill levels in dancing are found here. The weekends are crazy at this place, get in line early.

**Tonic**
(North side of Richmond, East side of Peter)
This club also plays top 40’s dance/house stuff. Cover is always around 10 dollars, but free passes are given out. No gangsta colors/clothing can be worn inside da club.

**System Soundbar**
(117 Peter)
People seem to like this place.

**The Rex**
(North side of Queen, one block west of University)
Like jazz? You’ll love the Rex. Some of the best local/national bands play here. Heavily affiliated with the jazz department at the U of T Faculty of Music, the crowd is younger than others, and you won’t feel out of place. Cheap food and reasonable drink prices make many return customers. Wednesday nights are student nights with a $5 cover.

**Toronto Symphony Orchestra**
(Roy Thompson Hall, King & Simcoe)
You can get a regular season ticket for $10 through the TSOundcheck program, conveniently located at www.tsoundcheck.com! Snicker while that old man who paid $90 for the seat next to you falls asleep in the 2nd movement...
WELCOME TO THE ARCHIVES. HERE YOU WILL FIND INFORMATION ABOUT OUR PAST. TO UNDERSTAND US BETTER, YOU CAN ALSO LEARN OF OUR SONGS AND CHEERS.
A man named A.J. Paul LaPrarie (Min 5TD) brought about the epic saga of the LGMB after procuring an Irish regiment’s tunics and helmets, a drummer’s leopard skin, two tenor snare drums, and a bass drum with an open end into which beer could be placed. Thus, in 1949, the Bnad was born at the LGMB’s inaugural rehearsal that attracted about a dozen people playing a variety of trumpets, trombones, saxophones, clarinets, flutes, and percussion. The actual name of “Lady Godiva Memorial Bnad” was brainstormed between the original Bnad members. Honouring the patron saint of engineering with the moniker of the “Lady Godiva Bnad” was an obvious first step; the addition of “Memorial” gave the title an irresistible pentameter, endearing the name to the masses.

After a few years, the scarce supply of regimental tunics and helmets gave way to just wearing ugly clothes – a wise choice due to the fights and dirty capers that occurred frequently. This baby Bnad performed in Skule Nites, crashed lectures, and stirred up spirit (and, surely, other things) at football games.

Undoubtedly, it was the incessant pleas of countrymen (or countrywomen) that prompted the LGMB to make the gift of their music available to all with LPs recorded in 1962 and 1964, both produced by Don Monro, the Bnad Leedur from 1961 to 1966. Don must have been a miracle worker indeed, for in addition to the recordings, the LGMB won first place at the 1965 Kiwanis Music Festival at Massey Hall! One of Don’s final events/capers gets special note in the current LGMB introduction: when the Bloor–Danforth line of the TTC had its grand opening, the LGMB made a point of being there to make it official. When the electrical system of the subway suddenly shut down during the ceremony, the Bnad was blamed for the subway opening – and subway closing – and the Engineering Society was fined thousands of dollars despite the fact that, for once, the Bnad had done nothing wrong.

The late 60’s and early 70’s saw the Bnad make a Super-8 movie, a trip (upon invitation!) to Expo ’67, lose popularity, regain popularity, and open the CN Tower and Eaton Centre. The 80’s and 90’s held much of the same for the Bnad with many TV appearances highlighting their musical skills.

Things have not changed much for the only official meandering Bnad of the University of Toronto. The LGMB still crashes lectures, openings, Skule Nites, sporting events, and generally causes a ruckus. The Bnad still brings good tidings wherever they go, and they still annoy a lot of people. What does the future hold for the LGMB? That is to be decided upon by the LGMB leedurs, their followers, and also by you, the OT7 F!rosh. During the upcoming year, be sure to come out to at least one Bnad event and see if you are a kindred spirit, chosen to become a part of the LGMB.
Cannon History

1929 An engineering caper resulted in the firing of one of the two cannons in front of Hart House (unfortunately, both were supposed to fire).

1931 A small cannon appeared during Skule festivities, was fired, and then mysteriously disappeared.

1936 Eng Soc reps approached a machinist from civil engineering, to know, unofficially, if he would make them a cannon. Recognising the risk he was taking, he decided to help, and so he fashioned a 10" barrel with a 6" bore from axle stock, and a base from a pillow block.

1941 UC stole the cannon but it was instantly returned.

1944 UC stole it again. Lacking evidence to prove that UC had stolen it, Skule undertook a failed campaign to regain possession by placing ads in the Artsman's Gazette (the Varsity).

1945 UC Lit announced that the cannon would be returned at the annual Arts Ball. The hiding place was discovered before this time, and the cannon was retrieved.

1949 The cannon disappeared into the med's building. In retaliation, the engineers kidnapped the Med Society president. After a few days' debate, the cannon was returned, marred with a new inscription that read, 'Captured by MEDS 5T2, 3 Feb. 1949'; Also in this year, a new 'Skule Cannon' appeared, made by a long-time machinist friend from the Department of Civil Engineering. The barrel in this new cannon was machined from a cold rolled steel bar and had a 2" diameter, 11" length and 6" bore.

1967 The most infamous cannon steal of all. Capitalising 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. The Engineering Society had another cannon built when they found that the old one was gone, supposedly in honour of Canada's centennial. The barrel of the new cannon was 11" long and had a bore of 5"; its carriage was mahogany and it was equipped with chrome plated wheels. It was barely a year old when another unsuccessful attempt was made to snatch it, this time by an industrial engineer.

1971 The first Gang Bang with the Rye engineers, to decide who had the better cannon. Not only did we annihilate them in the contest, we also made off with the distributor wire to their bus.

1973 With Skule's centennial quickly approaching, the Chief Attiliator (CA) decided that a new cannon, with a 3" barrel and a


**Cannon History**

A 6” bore, would be an ideal way to celebrate. The first formal firing was at the 1973 Centennial Ball, where Dean Ham fired the 1967 cannon for the last time, and was then presented with it.

1976 Robert Gilmour (the CA at the time) was found guilty of defacing the cannon. Once his crime was discovered, a former CA was called in from retirement to fire the Cannon at the disgraced Gilmour’s own Grad Ball. The Engineering Society passed a motion of censure against Gilmour and the entire deed was exposed in the Toike. Furthermore, the cannon guards would henceforth wear black hard hats, in place of the traditional red ones, to show the Engineers’ displeasure.

1989 The 60th anniversary of the engineers’ association with the cannon; the guard was outfitted with new uniforms (black coveralls and black hardhats).

1993 The cannon was finally captured, after being foolishly left unguarded in the CA’s trunk. A ransom note signed “Fahrenheit 1710” was sent some time later with demands for the safe return of the cannon. It asked that a group of engineers run onto front campus wearing only their underwear, carrying a banner of specific dimensions that proclaimed artsie superiority (!). An alternate plan was set forth, and construction of a new cannon began. This new cannon would be a 90% scale twin of the lost 1983 piece, and would be made of cold brass.

1994 The stolen cannon was finally recaptured just in time for Grad Ball. The new cannon was then inaugurated on the first day of orientation and since has served, unharmed, as our mighty mascot. Alas, numerous appearances have left the mighty twin with considerable battle wounds.

1998 This year was the 125th year of Skule and 70th anniversary in association with the cannon. The old cannon was retired, and a new cannon was created with a stainless steel barrel and walnut chassis. This cannon has proven to be fit of the title of The Mighty Skule Cannon, and will continue to represent Skule in the upcoming year.

2003 The double cohort hits U of T. It’s your turn to make history.


**Godiva’s Hymn**

**OPENING VERSE**

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, 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!

**VERSES**

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 stood her to a beer,
Were a blurry-eyed surveyor and a drunken engineer.

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

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

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.”

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

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.

Sir Francis Drake and all his men set out for Calais Bay,
They’d heard the Spanish Rum fleet was headed up that way.
But the engineers had beat them by a night and half a day,
And though as drunk as they could be, you still could hear them say...
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 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.

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 the electromotive force.

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."

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.

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 ever made her was an engineer (of course),
But on just one drink and an artsie fink once did Godiva’s horse!

Industrials have got the dates and that’s 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.

All eng sci 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 all be just as brain dead,
As any first year civil engineering cement head.

A U of T engineer once found the gates of hell,
Looked the devil in the eye and said “You’re 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!”
MORE VERSES!

Rapunzel let her hair down for two suitors down below,
So one of them could grab a hold and give the old heave-ho.
The prince began to climb at once, but soon came out the worst,
For the engineer rode up a lift and reached Rapunzel first.

When mechs are feeling thirsty and when civs are 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!

For 50 years the engineers at Queen’s 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!

The artsie thought he had it all, his girlfriend disagreed.
One day she up and left him; he could not fulfil her needs.
“Where are you going?” he artsie cried, half-naked from the dorm,
“To find an engineer,” she said, “at least they can perform!”

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 everyone 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!!!

Drum roll!
(earth SHATTERING KA-BOOM)
**Web Footed**

Ba ya bup bup bup bup bup bup bup bup bup bup bup bup bup bup bup bup bup bup bup bup

Ba ya bup bup bup, ya bup bup bup

yah yah yah yah yah yah yah yah yah yah yah yah yah...

be kind to your web-footed friends,

For a duck may be somebody's mother;

Be kind to your friends in the swamp,

Where the weather's very very damp.

Well you may think that this is the end,

Well it is!

But only for a moment,

The end is now.

**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?

I don't know the words to the 2nd verse,

I just make 'em up as I go along,

Can you tell me all the words,

All the words to Sesame Street?

**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, 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!

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 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 up on the ice.

(HIT 'EM NICE) OOL! OOL! OOL!

**Rubber Ducky**

Rubber ducky, you're the one,

You make bathtime so much fun.

Rubber ducky, I'm awfully fond of you.

Boo boo be 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!

Every day when I make my way to the tubby,

I find a lil' fella who's cute n' yella n' chubby,

Rubber doubber 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 fooood of you too,

Boo boo be doo!
Falling into Sin
We are falling into sin... whoopee!
Come and help to push us in.
We need more words to this song.
It’s much too short, it should be long.

Mailman
I am happy, I am gay,
I come each and every day.
I’m your mailman.
I knock your knockers, I ring your bell,
Don’t you think that I am swell?
I am your mailman.
I can come in any kind of weather,
Don’t you know my bag is made of leather?
I don’t mess with doors or locks,
I just shove it in your box,
I’m your mailman.

God Save the Engineer
God save the engineer,
Feed him or her on rum and beer,
The engineer.
Bup bup bup bup bup!
He or she likes to drink and sing,
Earning his or her iron ring,
On campus he or she is king or queen.
The engineer.

Hey Look Us Over
Hey, look us over,
Lend us an ear.
The Lady Godiva Memorial Band 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,
Like maybe forty beers,
After all, we’re engineers!
**Take Me out to the Ballgame**
Take me out to the ballgame,
Take me out to the park,
Buy me some peanuts and Cracker Jacks.
I don’t care if I ever get back,
For it’s root toot toot for the home team.
If they don’t win it’s a shame,
‘Cause it’s one, two, three strikes you’re out at the old ball game.

*Why are We Waiting?*
Why are we waiting?
Why are we waiting?
Oh, why are we waiting?
Oh, why do we wait?

Why are we waiting?
We could be integrating
(or fornicating, masturbating,
or whatever else fits in)

Why are we waiting?
Why are we waiting?
Oh, why are we waiting?
Oh, why do we wait?

---

**Tickle Terry**
I’d go a long way to tickle Terry,
It’s a long way, I know.
I’d go a long way to tickle Terry,
Ter’s the sweetest one I know.
Whenever somebody tickles Terry,
Terry goes tee-hee,
But now nobody ever tickles Terry,
‘Cause Ter’s got a bad knee.

For non-PC version of this song, change last line to “‘Cause Ter’s got a VD.”

**Foreskin**
My one-skin lies over my shoulder,
My two-skin lies over my knee,
My three-skin lies over my elbow,
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.

---

**More Beer**
*(Sung to the tune of Amazing Grace)*
More beer, mo-re beer, more beer, more beer;
More beer, mo-re beer, more beer;
More beer, mo-re beer, more beer, more beer;
More beer, more beer, more beer;
(just one more beer)
SKULE™ Yell
TOIKE OIKE! TOIKE OIKE!
Ollum te cholum te chay!
Skule of Science; Skule of Science
Hurray, hurray, hurray!

We are! We are!
We are! We are!
We are the engineers!

We can! We can!
We can! We can!
Demolish forty beers!

Drink rum! Straight!
Drink rum! Straight!
And come along with us,

‘cause we don’t give a damn,
for any damn man,
who don’t give a damn for us!

Yay, Skule!

Hey Ref
Hey Ref!
There are three kinds of turds in this world,
Custard, mustard,
And you, ya’big shit!

Mathie’s cheer
ex dy/dx
ex dx
secant, tangent, cosine, sine
3.14159
Square root, cube root, QED,
Slide rule, pphht UC!

Ra Ra Ree
Ra ra ree!
Kick ‘em in the knee!
Ra ra ruts!
Kick ‘em in the other knee!

This Cheer
This cheer... no verb!
(repeat as necessary)

Go Go Get ‘Em Get ‘Em
Go go get ‘em get ‘em
Ooh! Aah!
(Start slowly, repeat faster)

Two Word Cheer
AWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW... Shit!

Miscellaneous Cheers to Use Against Rival Colleges
“You can’t spell SUCK, without UC!”
“Trin, Trin, your daddy got you in!”
“Hey, Hey, it’s okay,
you will work for us one day!”
“Artsies SUCK!”
(Repeat as necessary)
## Contacts

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>E-mail</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Engineering Society Officers</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>President</td>
<td>Richard Yu</td>
<td><a href="mailto:president@skule.ca">president@skule.ca</a></td>
</tr>
<tr>
<td>VP Activities</td>
<td>Mike Diez D’aux</td>
<td><a href="mailto:vpactivities@skule.ca">vpactivities@skule.ca</a></td>
</tr>
<tr>
<td>VP External</td>
<td>Vivek Sekhar</td>
<td><a href="mailto:vpeexternal@skule.ca">vpeexternal@skule.ca</a></td>
</tr>
<tr>
<td>VP Finance</td>
<td>Richard Wiltshire</td>
<td><a href="mailto:vpfinance@skule.ca">vpfinance@skule.ca</a></td>
</tr>
<tr>
<td>VP Internal</td>
<td>Tarek Saghiri</td>
<td><a href="mailto:vpinernal@skule.ca">vpinernal@skule.ca</a></td>
</tr>
<tr>
<td><strong>Internal Directors</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Archivist</td>
<td>Alex Curelea</td>
<td><a href="mailto:archivist@skule.ca">archivist@skule.ca</a></td>
</tr>
<tr>
<td>Cannon Editor</td>
<td>Meredith Noble</td>
<td><a href="mailto:cannon@skule.ca">cannon@skule.ca</a></td>
</tr>
<tr>
<td>Comp Sys Admin</td>
<td>Zach Hoy</td>
<td><a href="mailto:sysadmin@skule.ca">sysadmin@skule.ca</a></td>
</tr>
<tr>
<td>Chief Returning Officer</td>
<td>Jonathan Mar</td>
<td><a href="mailto:cro@skule.ca">cro@skule.ca</a></td>
</tr>
<tr>
<td>Eng Com Chair</td>
<td>Michael Studniberg</td>
<td><a href="mailto:engcom@skule.ca">engcom@skule.ca</a></td>
</tr>
<tr>
<td>Engineering Stores</td>
<td>Sunaina Menezes/Matt Parker</td>
<td><a href="mailto:stores@skule.ca">stores@skule.ca</a></td>
</tr>
<tr>
<td>F!rosh Handbook Editor</td>
<td>Alice Xu</td>
<td><a href="mailto:handbook@skule.ca">handbook@skule.ca</a></td>
</tr>
<tr>
<td>HiSkule Liason</td>
<td>Virali Patel</td>
<td><a href="mailto:highschool@skule.ca">highschool@skule.ca</a></td>
</tr>
<tr>
<td>Professional Development</td>
<td>Daniel Mireanu</td>
<td><a href="mailto:profdev@skule.ca">profdev@skule.ca</a></td>
</tr>
<tr>
<td>SkuleBook Editor</td>
<td>Kharthick Kathiresan</td>
<td><a href="mailto:skulebook@skule.ca">skulebook@skule.ca</a></td>
</tr>
<tr>
<td>Skule Nite Liaison</td>
<td>Mathew Szeto</td>
<td><a href="mailto:skulenite@skule.ca">skulenite@skule.ca</a></td>
</tr>
<tr>
<td>Social Committee</td>
<td>Nuala Trainor</td>
<td><a href="mailto:social@skule.ca">social@skule.ca</a></td>
</tr>
<tr>
<td>Speaker</td>
<td>Craig Burkett</td>
<td><a href="mailto:speaker@skule.ca">speaker@skule.ca</a></td>
</tr>
<tr>
<td>Sponsorship</td>
<td>Sarosh Khwaja</td>
<td><a href="mailto:sponsorship@skule.ca">sponsorship@skule.ca</a></td>
</tr>
<tr>
<td>Student Issues Committee</td>
<td>Amy Burke</td>
<td><a href="mailto:sic@skule.ca">sic@skule.ca</a></td>
</tr>
<tr>
<td>Toike Oike Editor</td>
<td>Kevin Au</td>
<td><a href="mailto:toike@skule.ca">toike@skule.ca</a></td>
</tr>
<tr>
<td>Web Page Admin</td>
<td>Eamon McDermott</td>
<td><a href="mailto:webmaster@skule.ca">webmaster@skule.ca</a></td>
</tr>
<tr>
<td><strong>Ex-Officio Directors</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blue ad Gold Chair</td>
<td>Peter Suddard</td>
<td><a href="mailto:bluegold@skule.ca">bluegold@skule.ca</a></td>
</tr>
<tr>
<td>Chief Attiliator</td>
<td>Unknown</td>
<td><a href="mailto:kaboom@skule.ca">kaboom@skule.ca</a></td>
</tr>
</tbody>
</table>
### Contacts

<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>EAA</td>
<td>Craig Burkett</td>
<td><a href="mailto:eaa@skule.ca">eaa@skule.ca</a></td>
</tr>
<tr>
<td>Exec. Faculty Council</td>
<td>Vivek Sekhar</td>
<td><a href="mailto:efcr@skule.ca">efcr@skule.ca</a></td>
</tr>
<tr>
<td>First Year Chair</td>
<td>Hans Hesse</td>
<td><a href="mailto:firstyear@skule.ca">firstyear@skule.ca</a></td>
</tr>
<tr>
<td>Fourth Year Chair</td>
<td>Krystle Connerty</td>
<td><a href="mailto:fourthyear@skule.ca">fourthyear@skule.ca</a></td>
</tr>
<tr>
<td>LGMB Leadur</td>
<td>Susan Hogle</td>
<td><a href="mailto:lgmb@skule.ca">lgmb@skule.ca</a></td>
</tr>
<tr>
<td>SAC reps</td>
<td>Jack Wu</td>
<td>wuj@ecf</td>
</tr>
<tr>
<td></td>
<td>Hans Hesse</td>
<td>hesseh@ecf</td>
</tr>
<tr>
<td></td>
<td>Amit Ahlawat</td>
<td>ahlawat@ecf</td>
</tr>
</tbody>
</table>

### Discipline Clubs

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Name</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chem</td>
<td>Sonya van Vliet</td>
<td><a href="mailto:chemclub@skule.ca">chemclub@skule.ca</a></td>
</tr>
<tr>
<td>Civ</td>
<td>Matthew Woodbeck</td>
<td><a href="mailto:civclub@skule.ca">civclub@skule.ca</a></td>
</tr>
<tr>
<td>Comp</td>
<td>Mathew Szeto</td>
<td><a href="mailto:compclub@skule.ca">compclub@skule.ca</a></td>
</tr>
<tr>
<td>Elec</td>
<td>Matthew Chan</td>
<td><a href="mailto:elecclub@skule.ca">elecclub@skule.ca</a></td>
</tr>
<tr>
<td>Eng Sci</td>
<td>Mohammad Hamidian</td>
<td><a href="mailto:engsciclub@skule.ca">engsciclub@skule.ca</a></td>
</tr>
<tr>
<td>Indy</td>
<td>Ahmad Ahmadzai/ Mary Cruz</td>
<td><a href="mailto:indyclub@skule.ca">indyclub@skule.ca</a></td>
</tr>
<tr>
<td>MSE</td>
<td>Will Loach</td>
<td><a href="mailto:mseclub@skule.ca">mseclub@skule.ca</a></td>
</tr>
<tr>
<td>Mech</td>
<td>John Forte/ Danny Sundararajan</td>
<td><a href="mailto:mechclub@skule.ca">mechclub@skule.ca</a></td>
</tr>
<tr>
<td>Min (LME)</td>
<td>Vacant</td>
<td><a href="mailto:geoclub@skule.ca">geoclub@skule.ca</a></td>
</tr>
</tbody>
</table>

### Phone Numbers

All numbers are preceded by 416-978

<table>
<thead>
<tr>
<th>Service</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergency</td>
<td>2222</td>
</tr>
<tr>
<td>Eng Soc Office</td>
<td>2917</td>
</tr>
<tr>
<td>Bat Phone (Red Telephone)</td>
<td>1607</td>
</tr>
<tr>
<td>Engineering Stores</td>
<td>2916</td>
</tr>
<tr>
<td>SAC</td>
<td>4911</td>
</tr>
<tr>
<td>SAC Info</td>
<td>INFO</td>
</tr>
<tr>
<td>WalkSafer</td>
<td>SAFE</td>
</tr>
<tr>
<td>First Year Advisor</td>
<td>4625</td>
</tr>
<tr>
<td>First Year Chair</td>
<td>4625</td>
</tr>
<tr>
<td>Dean of Engineering</td>
<td>3131</td>
</tr>
<tr>
<td>Assistant Dean of Engineer</td>
<td>4941</td>
</tr>
</tbody>
</table>

Please visit handbook.skule.ca
Dr. Adekunle Adeyeze, a soccer enthusiast, made his big career move to the National University of Singapore as an Assistant Professor.

“I was struck by Singapore’s educational excellence, economic vision and technological edge on my first visit in 1997. When I returned in 2000, I brought my wife because I am here to stay.”

A top student in his homeland, Adeyeze spent eight exciting years at Trinity College, Cambridge University, where he was the first Nigerian to be elected as a research fellow. Moving to Singapore enables him to further his groundbreaking research in nanotechnology.

Adeyeze’s work has endless applications, ranging from the computer and automotive to medical industry. All of which add to his delight with the scientific advances he has made. Above all, he is also thrilled that Singapore’s rising prominence as a high-tech hub is a magnet to world-class companies and scientists.

If you want to be exploring new frontiers in the research arena, visit www.contactsingapore.org.sg today. It could be a win-win situation for your and Singapore.

Singapore. Your world of possibilities.
secure
the future
of your
infrastructure

Ontario
Concrete Pipe
Association
The choice of a lifetime

5045 South Service Road, First Floor
Burlington, Ont. L7L 5Y7
(905) 631-9696 Fax: (905) 631-1905

check us out at www.ocpa.com

Future

Join our team in providing end-to-end solutions from conceptual and planning studies through final engineering, construction supervision and facilities management. More than a job, we’ve been engineering futures for 80 years.

Our Team of Professionals Includes:
- engineers (multi-disciplinary)
- scientists
- designers
- technicians
- administrative personnel

Make the most of your world...

With us, you can make a difference. We want your unique talents and skills, and your ideas and experiences, to help us maintain our vision that the future of our society, our clients, and our firm rests on creating a sustainable relationship with our world. A crucial element of success is through partnership.

Join our team and help us make a world of difference.

What we can offer you

Newest Technologies
An Award-winning Company
Learning Opportunities
World Travel

Speciality Development
An Exciting Atmosphere
Competitive Compensation
A Safe Environment

CH2M HILL

Responsible Solutions for a Sustainable Future

www.ch2mhillcanada.com
canadiancareers@ch2m.com

WINNER OF THE 2002 GLOBE AWARD FOR ENVIRONMENTAL EXCELLENCE
For almost a century Aecon has been building things that matter, growing to become the largest publicly traded construction and infrastructure development company in Canada.

At Aecon we strive to attract, develop and retain outstanding employees who deliver industry leading excellence and value to our clients.

Aecon Group Inc. www.aecon.com

Our Investment is Your Success.

THROUGH CONTINUED INVESTMENT IN PEOPLE, MANUFACTURING FACILITIES, AND RESEARCH AND DEVELOPMENT, ATS HAS GROWN TO BECOME ONE OF NORTH AMERICA’S LEADING INTEGRATOR OF TURNKEY FACTORY AUTOMATION SYSTEMS AND PRECISION PARTS.

OUR ONGOING OUR ONGOING GROWTH AND SUCCESS IS CREATING EXCITING CAREER OPPORTUNITIES FOR QUALITY-MINDED PROFESSIONALS.

ATS Automation Tooling Systems

ATS Automation Tooling Systems Inc.
Cambridge, Ontario
Phone: (519) 653-6500
Fax: (519) 653-6533
E-mail: human_resources@atsautomation.com
Website: www.atsautomation.com

People • Performance • Resources

These are PCL’s strengths for building great futures.

PCL Constructors Canada Inc.
2085 Hurontario Street, Ste. 400
Mississauga, Ontario L5A 4G1
Phone: (905) 276-7600 Fax: (905) 276-4324
www.pcl.com
Access online: www.pcl.com/bid/bidtoronto

Engineering Students...

Take a closer look

Engineers built our strong foundations, but UMA is much more than engineering...

We are also a major consulting, engineering, construction and management services company with offices in Canada, the United States and Mexico.

If you’re ready to take your engineering career to the next level, then look no further.

For more information, visit us at www.umagroup.com

• Consulting • Engineering • Construction • Management Services
Soar Above The Rest

With over 30,000 takeoffs and landings every day, Messier-Dowty is the world leader in the design, development, manufacture and support of integrated landing gear systems. We take pride in creating innovative solutions to meet our customers’ needs for high quality, performance and reliability.

Our employees, including over 100 engineers, are qualified, resourceful professionals whose skill and experience are unrivalled in the industry.

For more information about Messier-Dowty visit our website at www.messier-dowty.com.
Morrison Hershfield is a prominent North American consulting engineering firm. Established in 1946, we provide services in the following disciplines:

- Civil / Structural
- Building Engineering
- Fire Protection
- Telecommunications
- Transportation Planning & Design
- Mechanical & Electrical
- Municipal
- Project & Construction Management

We are always looking for the next superstar. Visit our website for more information.

WWW.MORRISONHERSFIELD.COM

HADDAD GEOTECHNICAL INC.
Geotechnical Engineers

President

7321 Victoria Park Avenue
Unit 21
Markham, ON L3R 2Z8
Phone: (905) 475-0951
Fax: (905) 475-8338

HAVE AN IMPACT ON THE FUTURE

The Canadian Nuclear Safety Commission (CNSC) regulates the use of nuclear energy and materials to protect health, safety, security and the environment and to respect Canada’s international commitments on the peaceful use of nuclear energy.

We offer our employees a variety of opportunities to work on issues that concern both Canada and the international community. You’ll share ideas with specialists in your field and interact directly with the senior management team—even at the entry level.

Experience a wealth of life-changing opportunities at:

www.nuclearsafety.gc.ca

CHANGEZ L’AVENIR

La Commission canadienne de sûreté nucléaire (CSCN) réglemente l’utilisation de l’énergie et des matières nucléaires afin de protéger la santé, la sécurité et l’environnement et de respecter les engagements internationaux du Canada à l’égard de l’utilisation pacifique de l’énergie nucléaire.

Nous offrons à nos employés des occasions de toutes sortes de travailler sur des questions qui impliquent autant le Canada que la communauté internationale. Vous échangerez des idées avec des spécialistes de votre domaine et établirez des rapports directs avec les cadres supérieurs, même en tant que débutant.

Changez votre vie d’une multitude de façons, à :

www.suretenucleaire.gc.ca
**PUT YOUR ENERGY TO GOOD USE**

**Ontario Power Generation is looking for the best people to join our team.**

If you’re interested in finance, product structuring, customer management, trading, portfolio management, IT, or business development, OPG offers exceptional professional opportunities.

Our highly competitive salaries, benefits and incentives are just the beginning. You’ll be part of a company committed to environmental performance, community relationships, and the principles and practices of diversity.

Find out more about Ontario Power Generation’s career opportunities at our website, [www.mypowercareer.com](http://www.mypowercareer.com)

---

**Carillion**

Carillion Construction Canada is pleased to be a proud sponsor of the 2003-2004 Frosh Handbook.

As a leading construction services company, we at Carillion know the importance of striving to be the best. It takes dedication, hard work and perseverance.

You have embarked on a course of study that demands all of these. We wish you a very successful year!

**CARILLION CONSTRUCTION CANADA**

80 North Queen Street
Toronto, Ontario, M8Z 5Z6
Phone: 416-233-5811
Fax: 416-233-2886
MDS Sciex is the analytical instrumentation and technology solutions division of MDS Inc., an international health & life sciences company. As part of MDS, we make a distinctive contribution to the health and well-being of people around the world.

MDS Sciex is proud to be one of the 50 Best Companies to Work for in Canada for 2003. We firmly believe that attracting the brightest minds to our company is key to our technological leadership and product innovation. Our commitment to providing people with a challenging work environment and a balanced work life drives our record of success.

If you are interested in exploring new avenues in scientific instrumentation and technology in a leading-edge organization, please contact us and tell us about your background and work experience.

Human Resources, MDS Sciex 71 Four Valley Drive
Concord, Ontario, L4K 4V8
Fax: (905) 660-2622 Email: careers@sciex.com

mdsintl.com • mdssciex.com

FROSH HANDBOOK ET?

Don’t forget to access our website!
http://handbook.skule.ca

For more useful data.
DISRUPTO ERGO SUM

YOU ARE NOT
YOUR JOB

YOU ARE NOT
HOW MUCH YOU HAVE IN THE BANK

YOU ARE NOT
A BEAUTIFUL AND UNIQUE SNOWFLAKE