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the IRON WARRIOR

THE NEWSPAPER OF THE UNIVERSITY OF WATERLOO ENGINEERING SOCIETY VOLUME 27 ISSUE 15 | WEDNESDAY, NOVEMBER 15, 2006

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SCavenger hUNTers Unite!

MAY WONG
2A NANOTECHNOLOGY

This year's Scavenger Hunt was set out to be an amazing success. There were five first year teams signed up, and even SciSoc was interested in starting a team. The main organizers, James Petrosky and I, were okay with the lack of upper year teams, due to that fact that the Gradcomm Pubcrawl was on the same day. We weren't really sure who would win, but nevertheless, planned on a great time.

This event was probably the largest gathering of 2A Nanos except for final exams. There were about 15 of us who were "gods", and no less than 10 others from our class dropped by for some time during the 24 hours. Our packages boasted 40 pages worth of game description, and 13 pages of scavenging. We all learned a lot: Who has ever heard of a 16km/h speed limit?! Only in Brampton.

As math always had a team, we thought it would be safe to assume that they would have a team. No one showed up. SciSoc ended up backing out, as only three people maintained an interest by the Thursday. We had 5 groups of first years who wanted to start teams, however, people backing out at the last minute resulted in only a Nano team, a

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Scavenger Hunt god Yusuf Bismilla tastes defeat

Caitlin Ho models her Moose outfit

Complete Scavenger Hunt coverage can be found on pages 6 and 7

New Bomber Under Age Policy

Is It Here To Stay?

RUTH-ANNE VANDERWATER
3B COMPUTER

The underage policy at the Bomber and Fed Hall has been a topic of much discussion among EngSoc directors this term. The issue came into light when I got an email from Feds Special Events Coordinator Erin O'Leary reminding Society Presidents that the Bomber would be a 19+ venue after 7:00 pm every day. This was news to me. I began to wonder what would happen with TalEng, which is held at Bomber every term and has its fair share of underage participants. So I brought up this issue in a meeting I had with Feds President Michelle Zakrison.

President Zakrison explained how this policy came into place. One of the committees at the University of Waterloo is the Committee on Alcohol Use and Education. The purpose of the committee is to:

• deal with any issues of concern related to alcohol use and education

• approve, on an annual basis, practices and procedures from establishments that serve alcoholic beverages

• approve, on an annual basis, the effectiveness of alcohol awareness and educational programs

• advise the Director, University Business Operations, with respect to any disciplinary action that should be taken against facilities resulting from violations of Policy 21

Feds has a seat on this committee and thus has a voice on the decisions made by the committee. Last May this committee passed a policy in regards to the Bomber and Fed Hall that reads: "No minors in the facility starting at 7pm Monday-Friday and Saturdays. Minors will be permitted to finish their meals in a timely fashion if they come in before 7pm. There are no split-licensed events in the Bomber."

This policy was formed because there were a very large number of minors who were caught drinking in on campus establishments. There were over 200 minors last year alone who were caught. The Bar Directorate at the time decided to take drastic measures to send a strong message to the student body that this behaviour is unacceptable and is a serious infraction against the Liquor License Act. Bud Walker, the Director of Business Operations, is the liquor license holder. Mr. Walker, Lee Elkas (Director of Food Services), Marc Thususka (Campus Bar Operations Manager), and the Committee

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A Letter From Your Iron Editor

The Art of Writing a Letter from the Editor

JACLYN SHARPE
EDITOR-IN-CHIEF

This is the second Letter from the Editor I've had to write today, and I've decided to let you in on a secret: I am not enjoying it.

I dread writing my Letter from the Editor every issue, but it's a chore that must be done. Writing my letter has got to be one of my least favourite parts of my whole editorship. It's not that I've got anything against writing, I rather enjoy writing a well written article. What I dislike has a lot more to do with the circumstances surrounding the writing.

Firstly, there is a lot of pressure on me, and that makes me nervous. Specifically, there is a lot of pressure to choose a good topic - and if one has a good topic, one must do it justice and present it well, which adds further pressure. The topic must be worth discussing in detail, relevant, and presentable to the audience. This is not always possible however, and that's where this article came from.

The time limit is also very frustrating as I like to be able to take my time to do research and mull over my main points. Okay, I never really get to that step, but that's what I wish I did, and it fills me with great anxiety that I can't. I've got a severe problem with procrastination and this combined with an inconvenient optimism means that I always leave my writing to the last possible moment. This usually ends up being very unfortunately late on Sunday (or early on Monday depending on how you look at it). This time of night is, understandably, not very conducive to writing quality material.

It's also on the second page of the paper, which means I've got have something presentable. I must be careful in choosing my topic of discussion because any opinions I present are not coming from me as a student; they are coming from me as Editor-in-Chief. This means that I have an added responsibility to uphold a respectable image of the paper and, to some degree, the Engineering Society.

There are several categories of topics from which to choose. Discussing current affairs is a good choice, but requires that one remains well-informed about

the current state of affairs. It would be irresponsible of me to write an article of this type, as I do not have the time to devote to remaining adequately informed of local or foreign happenings. Another choice is the social commentary article. I am a fan of this type of article, but it requires skilful writing and adequate inspiration. The first letter I wrote this weekend fit this category but had to be set on hold for further review. The third category could be called miscellaneous. These are the completely random articles that get written, like this one for example. Miscellaneous articles are safe, but hard to write. They generally must resort to rambling in order to meet length requirements.

Another thing about the Letters from the Editor that I dislike is that they are very long. I have to write 1000 words to fill page 2. It is a matter of honour for the Editor to be able to fill the page with words. No other articles can be put in this prestigious location, and the ad at the bottom only stretches so far. My predecessor Andrew Dodds was the master of the letter from the editor, and could fill an entire page by himself with no need for even the ad at the bottom. I will forever be in his shadow, unable to rival his skill. Filling the page is a matter of meeting one's responsibilities and rising to the challenge of filling space. It is one of the aspects that I find most challenging, and I find myself compulsively checking my word count (648 at the moment).

The irony of writing the letter is that the longer it is, the more prestigious it is. However, the lengthier an article is, the more ominous its appearance is to potential readers, and the less likely it is to be read. This is particularly torturous, as I know that the harder I work, the less likely it will be that my work is read and appreciated.

In conclusion, I seem to have come to the 727th word and cannot squeeze out one more. So now I'm off to double-check the layout and touch up my cartoon. Then it's off to bed!

Got something that needs to be said? We value your feedback. Email us at iwarrior@engmail.uwaterloo.ca

the IRON WARRIOR

The Newspaper of the University of Waterloo Engineering Society

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Chase Gosselin

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The Iron Warrior encourages submissions from students, faculty and members of the university community. Submissions should reflect the concerns and intellectual standards of the university in general. The author's name and phone number should be included.
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Mail should be addressed to The Iron Warrior, Engineering Society, CPH 1327, University of Waterloo, Waterloo, Ontario, N2L 3G1. Our phone number is (519) 888-4567 x2693. Our fax number is (519) 725-4872. E-mail can be sent to iwarrior@engmail.uwaterloo.ca

LowRider: Can't Think of a Bloody Title

Dear LowRider,

I was just wondering how you feel about 1A engineering students already owning their 'Waterloo Engineering 2011' jackets? Personally I think they are something you need to earn.

Deeply Concerned,

-Planning on graduating in 2011, but not getting a jacket yet.

Dear Stupid Frosh,

I actually got my leather when I was 6 years old. Yes you read that right. 6 years old. Mind you the long line of LowRiders are prophesized in the book of Litt (which for some reason was omitted from the modern day bible).

Here is an excerpt from "LowRider's Proper Usage of Leather" book:

"I do agree that it is something that must be earned. Your best bet is to save up the five million dollars that they charge for the freakin' things and get it when you're done 2B. That way you can wear it to Western and cause fights in bars (speaking from experience) while you're still a student. The amount of trouble this leather has got me in is unbelievable."

"Don't even think about letting people drive their cars over it and rubbing it in the dirty. Only stupids from that purple obsessed school do that. Waterloo leather comes from a special breed of cows that have black utters and golden horns."

"Yeah, yeah I know what a lot of you are thinking. Those jackets are so lame. They are not for everybody. I guess you're too cool to realize you attend one of the finest institutions on the planet. McLean's magazine just interviewed me about their little ranking thing. #1 Innovation baby. Larry Smith is smiling."

"You either drop 500 bucks on some 'loo leather or go to Leather by Mann and drop 50 on one of their factory seconds and write Waterloo Engineering on the back in whiteout. It's not worth the drive to Acton. Buy the jacket dumbass. You'll regret it at your 50 year class reunion otherwise. You're grand kids will want to wear it someday. This is what memories are made of."

_LR_

****

Dear LowRider,

Someone was telling me that the Warrior of Iron is having some financial troubles. I want to make a large donation to the cause. To whom can I make the cheque payable?

-Distinguished Maserati Driving Alumni

Dear Rich Ringed Guy,

Thanks you for your concern. Send you paypal to uw_lowrider@hotmail.com. I am the official treasurer, chief financial officer and controller of the IW. On top of the usual paypal fee of 3% there is a _low_ fee of 33%. I need to buy some new diamond encrusted underpants. I'm sure you understand. I, I mean we, appreciate your generous contribution to the Iron Warrior.

_LR_

Have a problem? Need advice?
Email LowRider at
uw_lowrider@hotmail.com

Hello nama is Borat!

Jagshemash, I like you! Do you like me. I read from sexond page of irons man that you have many groupie chickens to play with. Can I makes sexy time with?

I did not like Jeorg Bushe country very much. They have not so much good big bombs and guns. I tried to buy a woman and a gun and they no like my fancy pants. I learn that amerika is land of greatest evil and bush whackers.

I want to come make documentary on the cultural learnings of Canada for make benefit glorious nation of Kazakhstan. I here

Pamela Anderson coming from Canada. I want to make her my wifey again. Babe watch is good tv.

Hi Five!

-Borat

Dear Mr. Sagdiyev,

You and your stupid movie. How the heck is it so damned popular? Only people with nothing better to do than pay to waste a couple of hours being exposed to mindless sexism, racism and other inaccurate broad sweeping generalizations… I couldn't breathe for most of the film as I was laughing so hard I gave myself a hernia.

Judging by your physique (especially in that modern yellow bathing suit) and improper usage of the English language you seem to be a prime candidate for my replacement. Please send your translated English application to me. You'll have to obtain appropriate visas through my horde of secretaries. You're in. Bring your sister to my country.

_LR_

****

Dear Low,

It's nearing the end of the term and I just bought this new game. It's called Guitar Hero. It's so good that I think I'm going to drop out of engineering and become a rock star. It's my calling man. I'm in 4th year and everything but I think I need to penetrate the market now. Now is the time. Rock On!

-Rock Star

Dear The Next John Lennon,

Do it. I've played that game actually. Its super realistic even though I've never touched a guitar in my entire life. Buttons versus strings? There is no difference man. Strumming on that little flipper thing is like so cool. Don't forget to raise the guitar when you want to rock out man. Send Ringo my regards.

_LR_

****

Dear LowRider,

I have 17 full time job offers right now. I'm too timid to negotiate my rate of pay with them. Can you lead me in the right direction to maximize my bartering skills?

-About to Graduate

Dear One Foot Out The Door,

90ish days to IRS my fellow fourth years! Sweet.

Feel free to cut and paste from this form letter that I use regularly:

Dear Recruiting Manager,

My name is XXX. I am about to graduate from the bestest engineering school in the XXXXX I have 2 freakin' years of real world experience. Try to find a fresh, entrepreneurial, innovative grad from University of TXXXXXX with such a killer resume. Do I need to say more? Pay me XXX,XXX per year (ensure 6 figures) and I will make your company into a profit machine. I am the best thing to ever happen to you. Expect the best. That's how we roll at Water Water Water.

Yours,

XXX

****

Dear LameRider,

So, I hear you are having trouble finding yourself somebody to fill in for you. I wonder why that would be... perhaps because you are a narcissistic retard? I mean, really, what sensible young engineer wants to follow in the footsteps of such douchebaggery as you have been committing in your time here at the University of Waterloo. I suppose that this in no more than you can expect, however, when you entrust a Syssie with such a task. The Iron Warrior is not colour print, therefore you have no place in it. Go join the Imprint, ass.

Later,

-B

Dear Cool Guy,

You're lucky my secretary's search through my junk mail folder. For some reason hotmail filters out any useless, counter productive crap coming from engmail accounts.

And no you can't be the next LowRider. Stop asking me every five seconds.

_LR_

'till next time kids, keep it low

Shadows Engulf UW Engineering

MICHAEL SELISKE
1A COMPUTER

Many people woke up on the morning of Halloween and were surprised to see darkness greeting them through their window instead of the normal morning sun. It may have been the recent time change or it may have been the fact that shadows were descending on UW.

Tuesday, October 31st and Wednesday, November 1st were Shadow Days, when high school students from across the province come to Waterloo Engineering to see what it is all about. Many volunteers wandered towards the WEEF Lab like zombies at 9:00 in the morning to pick up their shadows at which time they cast them all over campus.

Classrooms all over the Engineering buildings became darker as students brought their shadows to class, showing them just how exciting Waterloo Engineering really is. Weird lighting in the hallways caused some volunteers to have multiple shadows which was a show of the day's great success. The hi-tech gadgets adorning the hallways, such as the pay phone outside of the First Year Office, boggled some of their minds. In the afternoon the shadows were dropped off at RCH and they were given presentations by CECS and professors of the various disciplines.

The Shadow Day directors Lee Anne Belcourt, Mark Hazlett, and Matt McQueen are to be thanked on a job well done and hopefully next time the weird lighting in the halls will not play a factor and there will only be one student per shadow.

Engineering student Jaclyn Sharpe enlightens shadows about life in Waterloo Engineering

Volunteering in Costa Rica

MATT UECKERMANN
4A MECHANICAL

First, I would like to start this article with some blatant plagiarism. A recent study suggested that 76% of students cheat, so I have some catching up to do.

Being my last work term, I and some other members of my class decided to screw the Man and take a work term off, eschewing the biweekly paycheque, and the daily requests for Excel help for something more relaxing, more educational, but decidedly less profitable. I will leave the others to tell their stories - this is mine. (Thanks Dave.)

My summer was so much less profitable that I, in fact, gave away money, and for what you may ask? A delicious vacation in the Caribbean with all 'dem pretty island gurls? No! Not me. I spent my money on the coveted opportunity to perform hard physical labour in rain, mud, and blistering heat. That's right - I went to Costa Rica for two months for some volunteering. Before I get started about my experience, a disclaimer, and a complaint.

The disclaimer: Stories of my own international volunteering experience may not necessarily reflect yours, or be in any way similar. For illustration, on my pre-Costa Rican adventure orientation, we were told by an alumnus that we were going to become very comfortable with nudity, because we'd be living in such close quarters with each other (and since girls outnumbered guys this seemed like a hidden bonus). Not true at all, in my case anyway, as everyone was very respectful of everyone else's privacy. In fact, it took me four weeks to discover that one girl had an enormous tattoo on pretty much her entire pretty body. Gee, hard to miss Matt. Anyway, that's the disclaimer.

The complaint: In the recent WEAL (Waterloo Engineering Alumni Letter) there was an article on a girl who went to Kenya for three weeks this past spring. I have a number of gripes with the article. Firstly, her clothes are freakin' clean in her picture (and she's wearing safety glasses?!). I was hand washing my clothes! At the end of the project we burnt our clothes! Clothes that no longer bore any semblance of color (other than mud)! You're not getting a day's worth of mud out with Camp Suds and vigorous after-work-exhausted scrubbing. My point? A photo where she's covered in dirt would have been much more realistic. Secondly, she describes her experience as "life altering". This phrase gets thrown around far too often in describing international volunteering. I recently tore my ACL (knee ligament), and I would describe this as a life-altering experience. I used to relieve my stress by playing sports, but until I get surgery, that isn't an option (this might also explain my bitterness - although I am also in fourth year). "Life altering" tells me absolutely nothing. I guess I am supposed to assume something positive here, but I might just as easily assume that: the nice humanitarian

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See Costa Rica

Rodrigues shares his carving talents with Matt

Time to Play Your Part

DARCY PARKS
2B SYSTEMS

Poverty is an issue that affects people around the world. While it affects people in the same way, there's no one way to help everyone. Most people are familiar with ways to help out locally: there are food banks, the Salvation Army, and other similar organizations. But how can you help out the less fortunate in other parts of the world, who seem so far away? Engineers Without Borders has an answer - we want you to Play Your Part.

The Play Your Part campaign has three goals: to deliver more and better aid, to make trade fair, and to cancel the debt. All three issues are important, so I'll go through them one at a time.

There are two parts to delivering more and better aid. We've got a goal for the "more" part and we call it 0.7%. In 1969, Lester B. Pearson set a goal for the amount of aid money to be given by developed countries to underdeveloped countries: 0.7% of the country's Gross National Income. It's an achievable goal too - Denmark, Luxembourg, the Netherlands, Norway, and Sweden have all met the target. Canada's not very close yet, at around 0.3%. We want to see Canada meet this target which, after all, is a Canadian idea.

While it can be difficult to quantify the effectiveness of aid money, our campaign focuses on one problem: tied aid. This type of aid is given to developing countries under certain conditions, such as having to spend the money on good or services that come from the donor country. This reduces the value of the money being given. It prevents the receiving country from buying good with the most value, and also prevents the country from spending the money to spur its own economy.

You might have heard about "fair trade" before, maybe to do with coffee products. In general, fair trade means that the people who grow a product get paid a fair price. It means that they have enough to live on, and that their family doesn't have to live in poverty. While fair trade labels in stores help some, they don't help everyone. Our goal is to have trade rules change so that all farmers can be paid a decent wage.

After last year's Live 8 concerts, the leaders of the G8 promised to cancel the debt owed by 38 of the world's least wealthy countries. This can make a big difference, because money a country spends on debt payments is money that it could spend investing in itself. We need to pressure the G8 to follow through on this promise, and to continue to help indebted countries.

So what can you do to help? Check for fair trade products when you're shopping for coffee or chocolate. Learn more about the issues at playyourpart.ca. While you're there, you can email your MP to show your support for poverty-reduction legislation.

QEng Logo Contest Winner

BRYAN SACHDEVA
Q-ENG REP

The winner has chosen to remain anonymous, but I can say that this artistic talent comes from someone in Architecture. In fact, we received many more submissions from the Architecture department than from the Engineering departments. The winner will receive a $25 cash prize. Congratulations!

Engineering Computing Session Seeks Student Feedback

DAVID YIP
4A MECHANICAL

Computers. Gotta love 'em. Well, maybe your own, the one for which you shelled out hard-earned cash, the one you vacuum, clean, and admire daily. Or is that just me? Anyway. On Thursday the 9th of November, Associate Dean of Engineering Computing, Professor Peter Douglas held a feedback session to get some, well, feedback from the students regarding the state of Engineering Computing.

Engineering Computing is responsible for all the public labs in engineering. The public labs include Lever, Wheel, Wedge, Fulcrum, GAFF (under renovation and asbestos fumigation), and Helix. It is also responsible for the semi-public WEEF and Multimedia labs. Department-specific labs are not the responsibility of Engineering Computing - the respective departments take care of those.

The meeting covered the range of low-level to high-level problems. On the low-level are basic software and hardware snafus such as sluggish Start Menus and software loading, and on the higher level, Professor Douglas talked about upgrade plans, and students brought up the perceived lack of support service.

At the moment, if a student has a computer problem, a visit to the ECUSC (E2-1308A) or an email to consult@engmail.uwaterloo.ca is the solution. In the future, low-level technical problems will be tracked through a support system, much like the support-ticket systems deployed throughout corporate IT systems. The development of the tracker is reaching its final stages, and should be rolled out by the end of this term. Another phenomenon slowing the resolution of technical issues is the lack of reporting, since there are usually enough computers available to simply switch to a problem-free machine. However, that is not to say there are enough computers for all - during peak hours, as many can testify, it can be difficult to find a computer without doing an impromptu tour of the labs.

During peak hours it can be hard to find a free computer

In the upgrade arena, the GAFF lab is currently having its asbestos removed, and at the same time, the lab renewed. Tables with two computers and hookups for two laptops are planned, to address the growing popularity of laptops among students. The Multimedia and Wedge labs are up next for upgrade, but since access to the Multimedia lab is limited, the Wedge lab will likely get upgraded first, based on the Lever lab model, which is preferred by students. For those who haven't seen, the Lever lab has both computers and working space to spread out, and it is better adjusted to the way computer labs are used nowadays.

The growing popularity of laptops was also addressed, specifically the congestion on the wireless network. One student brought this problem up, and although no specific measures were agreed on, it was duly noted by the Associate Dean. That said, Professor Douglas mentioned that the installation of wired ports for laptop users in high-traffic areas could ease the load on the wireless network.

Although turnout to the meeting was low, it was agreed that the meeting itself was highly constructive for all parties. The students present brought concerns ranging from the crippling of educational software to the lack of a support system, and all suggestions and discussion were noted by Professor Douglas. It was agreed that future open meetings would take place regularly between the Associate Dean of Engineering Computing and an EngSoc representative to ensure computing resources best serve the students. VPX Angus McQuarrie indicated that the representative could be the VPX, VPI, or perhaps a person filling an "Engineering Computing Liaison" directorship.

In the meantime, direct your complaints to the ECUSC at E2 1308A or to consult@engmail.uwaterloo.ca.

Apathy Central at AGM

JEFFREY AHO
2B MECHATRONICS

It's only halfway through the Feds Executives year so far and already I've heard rumours of people thinking about running for next year. For those who don't know, we have 4 executive positions: President, VP Internal, VP Administration/Finance, and VP Education. If you get elected it's a one-year paid term in which you usually have to put your studies on hold. This means that most of the candidates are either graduating or in 3rd year. New executive are elected in February and their term starts in May. I encourage any engineering students to consider filling these positions. After all, we are the largest contributing faculty to Feds. If none of us run, chances are Arts will fill them up. If you are interested, stop by an executive's office (visit Feds.ca for their contact info) and ask them about their work. You might find something you are interested in.

Late last month Feds had their Annual General Meeting (AGM). The two hottest topics were the Women's Centre and a bylaw change requiring Councillors to attend AGMs. I'm pleased to announce that the Women's Centre will no longer be called the "Womyn's Centre" but just the Women's Centre. After 45 minutes of debate there was roughly a 2/3 majority in favour of changing the name. It's my hope that this name will help to change the image of the Centre and I invite everyone to go out to at least one of their events. Their "Love Your Body Week" is happening the week of the 21st and you can find the details at http://www.womyn.uwaterloo.ca/.

I am a little disappointed in the decision to require councillors to attend AGMs. First off I am upset at the Executive and the Bylaws, Policies and Procedures Committee (BP&P) for not remaining neutral and explaining both sides of the debate. It is not BP&P's place to advocate for the change, but to recommend changes and provide information. The role of the AGM was misrepresented. When I, a councillor, go to an AGM, I do not have any of the privileges of council. I am there solely as a representative for myself. The whole concept of the AGM is that every member has one vote to voice his or her opinion. By forcing me to go to the AGM you force me to act in my position as a councillor. In fact if I don't go I get penalized, which could contribute to my removal from council.

The main argument that was brought up for why councillors should go is that it will help to make quorum. Do you really think forcing people to go solves the problem of why we struggle to meet quorum? I go to every AGM, of my own free will, because I want to be involved in the decisions made. Maybe the executive (who are not forced to go to the AGM) need to determine the real reason people don't want to go. Forcing otherwise dedicated people, who would probably have gone either way, to go doesn't fix AGM apathy. Councillor appreciation is severely lacking during this executive's tenure and forcing councillor to do things doesn't help.

Upcoming Events from EngSoc

Sun Nov 12	**Mon Nov 13** 11:00 Rememberance Day Ceremony 5:30 IW Meeting	**Tues Nov 14** Tal-Eng	**Wed Nov 15** Gradcomm Pizza 5:30 EngSoc Meeting 5	**Thur Nov 16** WEEF By-Election	**Fri Nov 17** PEO Student Conference	**Sat Nov 18** Santa Claus Parade PEO Student Conference	
Sun Nov 19 PEO Student Conference	**Mon Nov 20** Enginuity #4 5:30 IW Meeting	**Tues Nov 21** Pajama Party	**Wed Nov 22** Gradcomm Pizza	**Thur Nov 23**	**Fri Nov 24** EngPlay	**Sat Nov 25** EngPlay	**Check out up-to-the-day event postings on the EngSoc website at engsoc.uwaterloo.ca/www**
Sun Nov 26	**Mon Nov 27**	**Tues Nov 28**	**Wed Nov 29** Gradcomm Pizza 5:30 EngSoc Meeting 6 (Potluck)	**Thur Nov 30**	**Fri Dec 1** E.O.T.	**Sat Dec 2**	

Iron Warrior SCavenger

Barefoot in the Ice and Snow

CHASE GOSSELIN
1A GEOLOGICAL

Ok, so hypothermia and a cold were definite factors that could have contributed to the aftermath of Scavenger Hunt Fall 2006. When you're having immense amounts of fun, you don't always think about the consequences of your actions. Thus when we approached the Shoe Toss portion of the night no one was thinking too hard about the icy grass, and the temperature outside. The Scavenger Hunt gods led us outside; we, unknowing, excited about the prospects of a game where you throw your shoes, followed.

We folded out onto the green (by the Graduate House) and got ready.

The game is played outside in the open, and is good for a large group of people. Using a large metal disk (a dessert tray works nicely) play what starts as a game of Frisbee. However, when the plate is thrown everyone tries to hit it with their shoes, that right their shoes, in order to gain control of the disk. The disk can't be caught by the hands, and can't be touched by anyone but the winner of the round. The more times your team gains control of the disk, the more points you get.

Hitting a large metal disk floating erratically through the air is not as easy as it seems, and many times we would throw to no avail. Thus a race to the landing spot ensued and many times a frosh was foiled by a god. There were good times, but there were also bad times.

The ground was full of ice, and once you removed your shoes for the game your feet were attacked by a barrage of ice shards, and a wave of freezing cold. The cold would travel up your feet, if they didn't go numb first, and even in many layers you felt like you were in the middle of a deep freeze.

However, the game was still an epic illustration of the mastery of dynamics and projectile motion, with the incorporation of air resistance and fatigue, applied to the problem of a Frisbee hovering in mid air. The obviously excessive skill of the upper year students, from years of experience in this area, led the Scavenger Hunt gods to victory. If you don't think this problem is "engineering" enough, try it, it's much harder than it looks.

In the submarine 3-D Twister ties Scavenger Hunters in knots

Hunters, braving the storm of oncoming Q-Tips, kept safety first

Debriefing

Continued from page 1

Mech-Tron team, and an ECE team.

According to the rules of the Scavenger Hunt, the team who shows the most spirit wins the event and will host the following one. Given all first year teams, we had to make a tough decision. A team who was 4-stream (not-Nano), could probably pull off another Scavenger Hunt given their relatively high team numbers, and stamina. Saturday morning 1A Mech-Tron was deemed the winner, and will be hosting the next Scavenger Hunt, probably with the assistance of what is currently 2A Nano, (i.e. our class). Their trophy will be awarded as soon as 2B Systems decides to finally give us our trophy.

The event ended at around 9am, as Froshies, apparently, have not adjusted to the 24-24 sleep schedule that all engineering students endure, especially during final exams. We had some awesome bonding moments, such as awkward positioning in 3-D twister, pudding landing at high velocities around a plate on top of someone's mouth, and huddling half dead and frozen to death in the E2 corridor, which apparently is the only area of the engineering buildings which is heated on the weekends. Too bad YOU weren't there.

We have extra t-shirts on sale for only $10. Regular price $15. We need to break even so we can pay off our tab to Engsoc… Rolls of duct tape are also on sale for $5. If you are in any way interested, email me at ynwong@engmail.uwaterloo.ca or find us in the Nano Dungeon (DWE 1501) at 1:30pm every weekday.

The Plight of Rocky Horror

CHASE GOSSELIN
1A GEOLOGICAL

At this term's Scavenger Hunt there was an impromptu showing of the amazing Rocky Horror Picture Show; unfortunately there was no double feature. The only problem that I found was that about 2 seconds into the opening credits (lips open mouths closed) I realised that there were VIRGINS in the audience. A horrifying thought to say the least.

Hm. I just realized, virgins could be reading this, perhaps even thinking to themselves, what the hell do virgins have to do with a movie, and how did this become an article about sex? As I think about this I get saddened that some people have no knowledge of even the terminology of Rocky Horror. Ok, time for some edification of the masses.

A virgin, otherwise known as a Rocky Horror Virgin (called a Janet or a Brad, depending on your circle) is someone who hasn't watched the Rocky Horror Picture Show (and to think, I didn't know they really existed). So why is it that people are referred to as virgins when they haven't seen the double feature picture show? Well, its because those who haven't been touched by the light, who aren't going home, don't know the majesty of life (wouldn't know majesty if it came up and bit them in the face) after the Rocky Horror Picture Show.

Even worse is that people who have never seen the movie know the Time Warp, and get so enthusiastic about the song. Though I do love to watch virgins as they see the Time Warp performed, it is a magical thing. Something to remember is that only virgins go all the way down, to the floor that is. Besides all this is the amount of explanation that it would take to convey the effect one scene from Rocky Horror. The majesty is in the viewing people, get on your asses and watch more movies.

Another major problem with this viewing was that there was no line master at this showing, and while one of the 1A Nanos did her best to help, many of the key commentaries were missed. To top it all off, no one threw toast, no one even had toast to speak of, and there wasn't a toasted bagel in sight. Disgraceful to say the least.

In conclusion, the Rocky Horror Picture Show is one of the greatest movies known to man, and anyone who is a virgin should be required by law to see it. Especially because the lack of interest from the general engineering population has led to even people in high ranking positions being virgins. How does that make Waterloo Engineering seem to the outside world, having an abundance of virgins and a lack of enthusiasm? Even the prestigious editor of the world's number one low budget newspaper (read: the Iron Warrior) is a virgin. Well Jaclyn, you better smarten up; being a virgin is not cool.

hUNT Exclusive Fall 2006

Mech-Tron's mascot sit's atop POETS's bar

Mitch Hargreaves and Caitlin Ho preparing for the Pudding Drop

Pudding: Not Just for Eating Anymore

CHASE GOSSELIN
1A GEOLOGICAL

So you think that the magical dessert called pudding seems logical on a spoon? Apparently you're not thinking like a Scavenger Hunt god. The 2A Nanos ran two inspiring events both built on a solid foundation of pudding.

For starters let me talk about the awesome times at Scavenger Hunt that no one expected. The fun with food portion of the evening was the Pudding Drop. Grab your garbage bags and copies of that other artsie newspaper, then let the fun begin! First, a balcony of sorts is needed for the dropper, to ensure maximum difficulty and fun. Secondly mess is an issue, so issues of artsie newspapers come in handy, already being a mess. Now, take a garbage bag and cut out holes for the arms and the head, and you have a pudding suit, not as cool as a pancake suit, but practical nonetheless. Take a paper plate, and use if to cover the mouth of the person who is receiving the pudding. Then have teams compete to see who can get the most pudding on the plate. (Just so you know, I happened to win this event)

The second event using pudding, an extension of the first event, was a test of how well we could stick Q-Tips to the partners who originally caught the pudding. Using additional pudding as an appliqué for the garbage bag is required, making sure good coverage on the chest and the abdomen is achieved. Then many Q-Tips are required, as are many straws. In a timed race, groups compete to see who can stick the most Q-tips on their puddinged partner in 3 minutes. The administration made us use eye protection for this event and for good reason. I could have taken a squirrel's eye out with the excellence of my straw shooting.

Plummers and Gods engaged in combat

Engineering Society Executive Reports

Keeping you Posted on the Poster Policy

RUTH-ANNE VANDERWATER
PRESIDENT

I hope that everyone's still having a good term. Although I do know that it's that part of the term when it seems that everything is due. Make sure you take some time to relax and come out to an EngSoc event! We would love to see you at some of the awesome events we've got going on in the next couple of weeks. I just have a few short things I'd like to talk about in this exec report.

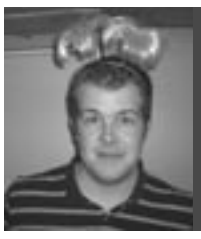
First, EngSoc exec is participating in helping the Conflict Management and Human Rights office with their Diversity Workshops. We are showing our support by helping introduce the sessions. First year engineering classes will be participating in these workshops, which will promote diversity in the workplace. We encourage all students participating in these workshops to take the opportunity to get actively involved in their session.

Next, there has been a lot of commotion about the Bomber underage policy. In my last exec report I talked about this policy. Since then, it has been lifted temporarily. I have written a more detailed article about the whole situation entitled "New Bomber Under Age Policy – Is It Here To Stay?" So read over it if you're looking for more information on what that's all about.

I also want to briefly discuss the EngSoc poster policy. Last EngSoc meeting I brought forth a motion to modify the poster policy. Based on feedback I've received there have been some changes made to this motion. We will be voting on the new motion at the next EngSoc meeting (November 15).

Lastly, Jaclyn Sharpe (editor of IW) and I had a meeting with Dean Sedra about the content of the IW. As Jaclyn mentioned at the last EngSoc meeting, the Dean is disappointed in the content of the IW. Jaclyn is looking for more "newsy" kinds of articles and would love you to get involved. If you want your voice heard, what better way than to write for IW.

Seeking Competitive Spirit



ANGUS MCQUARRIE
VP EXTERNAL

The main thing I'd like to address this week is the Ontario Engineering Competition. I'd like to recap some of the highlights from the info session that I gave last Wednesday. We will be selecting six teams from A-Soc and six from B-Soc to compete at this year's Ontario Engineering Competition from February 9 to 11 at Carleton University in Ottawa. There are six categories: Junior Team Design (teams of 4 students, 1A to 2B), Senior Team Design (teams of 4, 3A to 4B), Innovative Design (Fourth Year Design Project), Consulting Engineering (teams of 4, any year), Parliamentary Debate (teams of 2), and Engineering Communications (individual).

If you are interested in going to OEC in February to represent the University of Waterloo in one of these categories, or if you want more information, please email me (asoc_vpext@engmail.uwaterloo.ca). We will be running a qualifying competition for Consulting Engineering, Senior Design, and perhaps also Junior Design on November 25th of this month, all afternoon. Teams must email me by midnight on the 24th if they are interested in competition for one of those positions. Fourth Year Design groups will be judged in the first week of January next term, but should apply with their interest as soon possible by emailing me (further information will be required later).

More information is available at the OEC 2007 website:
http://2007.oec-cio.ca.

Why EngSoc Loves You

(Or at Least I Do Because You All Come Out to Events)

KIRI NEUFEGLISE
VP INTERNAL

Well boys and girls, those events under me are finally into the swing of things. Semi was last Friday and had an awesome turn out; it was awesome to see so many of you first years out having a blast. Tuesday was also TalEng, and again it was great to see so many people out there having a good time. I know I enjoyed all of those acts and I sure hope you enjoyed mine!

But don't start studying for those finals of yours yet since you've still got a month and a half to go and there's so much more to do. Genius Bowl is happening on the 21st in RCH 101 and it's the perfect chance for your class to try and prove that they are in fact the smartest. So hone up your trivia skills and sign up in the Orifice. EngPlay is also coming up starting on the 24th which is a great chance for you to enjoy some good engineering acting. Don't worry about it being boring and bland like all of that Shakespeare that you read in high school, the EngPlay promises excitement and a very, very good laugh. Tickets for that are going on sale soon, so keep your ears open.

Otherwise, within the next couple of weeks Directorship applications should be opening so I expect to see all of you filling out that form to get yourself a fancy directorship or three. And don't forget our last EngSoc meeting of the term, the potluck! On the 29th I expect to see you all with delicious dishes in POETS.

So keep coming out to events, you might as well enjoy the term before it's all over.

The EngSoc Exec take time to pose with The Tool at Semi-Formal

Donations, Sans Leprechauns

TODD RADIGAN
VP FINANCE

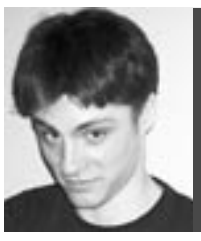
For this exec report, let's start by taking a trip down memory lane. Let's go back, way back. Keep going... a little further.... Wait! You've gone too far back. Think back to November 1st. It was on that fateful night, not really that long ago, that there was an EngSoc meeting. Do you remember it now? Do you remember what happened at that meeting? That's right. Donations proposals were presented and voted on. Do you remember why? No! That's not it at all. Donations proposals were presented and voted on because in our budget $2000 was approved for donations and we had to decide who would get some of that money. In case you can't quite remember what the breakdown was, I've got it right here. Go ahead, take a look.

Autonomous Robot Challenge: $134
Waterloo Off-Road Mini Baja Team: $250
Canadian Engineering Competition: $300
Concrete Toboggan: $300
Engineers Without Borders: $166
Gradball: $300
Gradcomm: $350
UW Intelligent Robotics Experiment: $200

In other news, I've been asked to write another short story for your amusement. Seeing as how I'm already late submitting this article, it doesn't look like it's going to happen for this edition. I won't let you down though. I'll work on a story for next time that makes even less sense than ever before!

Did You Cash in on Midterms?

Take Them to the Bank!



TYLER GALE
VP EDUCATION

Word on the street is that it's mid November. This legendary moment in the academic term means three things to me: Midterms have all trickled back, course evaluations are happening over the next week or two, and finals are just around the corner.

Hey speaking of midterms, did you use the EngSoc exam bank this term? If so, this is your opportunity to make a contribution to its awesomeness! Here's what you need to know in order to make an exam bank submission:

Drop off a copy of the exam in the Orifice or make an e-mail submission

For paper submissions: either make a copy yourself, or we'll make a copy and have the original back to you the following day. Rest assured your name or student ID will never be included in our files. We accept submissions with or without solutions!

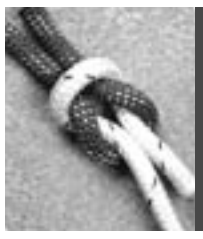
On the topic of course evaluations. Just a friendly reminder to everyone that these evaluations are truly taken seriously by your professors and your constructive feedback can go a long way. Completed packages are being collected at the front desk in the Orifice. Be on the look-out for the ever-popular course evaluation reading party coming up soon.

In other news – and in case you haven't heard – EngSoc has been in the process of undertaking a large-scale remodeling of the society web space for several months now. Asoc will be looking to put together a team of members going onto work terms for this coming winter in order to tackle some of the more involved portions of the project. Some of these tasks have been on the to do list for years – and include improvements to some of the services that could play a more involved role in your academics. If you're interested in this opportunity to get involved, keep on the look out for a short application form that will be coming out soon. Stay tuned!

Frustrated with the administration of your academic experience? Let me know why! E-mail me at asoc_vpedu@engmail.uwaterloo.ca

Point vs. Counterpoint

Is it Worth Getting Your P.Eng?



I.M. KNOT
ENG. GRADUATE

We've all heard the spiel about how everyone should get their P.Eng. licence from the PEO after they graduate and get out into the real world, but I say it's largely unnecessary. I'm not saying that no one should get their licence, but rather that the vast majority of us need not invest the extra time and effort required to do so.

Let's briefly examine the benefits of becoming a P.Eng. over simply working as a typical engineer. To do this we need to understand what "professional engineering" is. Wherever there is a combination of intellectual activity and innovation and a need for societal protection, professional engineering is taking place. According to the Professional Engineers Act, all such situations requires that a P.Eng. be present to supervise all those involved and to proofread and seal any final specifications, plans, documents, etc. Thus the advantages of being a P.Eng. are simply that you can supervise everyone involved in the process and can stamp documents.

It seems to me that it is entirely unnecessary for every engineering graduate to obtain this power, and in reality, most companies hire a limited amount of people for the purpose of performing the duties of a typical P.Eng. So if we all received our P.Eng. licences, chances are that most of us wouldn't even end up using it. Why go through the hassle of becoming licensed if you're not going to use it? Only those who seek more of a supervisory or managerial role in the workplace should go through the trouble, and let's face it, not all of us are cut out for that sort of thing.

If you don't get your licence, you are at no disadvantage for a standard engineering position within a company, aside from the fact that you will have a supervisor who is licensed. Anyone with the proper education and training can perform regular day-to-day engineering duties; they simply must be supervised and cannot approve the final drawings or plans for the company. So you can still be an "engineer" without being a P.Eng.

Now let's look at the disadvantages of obtaining your licence. The primary downfall of getting your P.Eng. (and actually using the power accompanying it) is that you are responsible for any documents that you seal. If there is any slight mistake or discrepancy in the final plans and you miss it and place the PEO seal on the document, you are more liable for the mistake than anyone involved in actually making the mistake. In this situation, the P.Eng. responsible can have their licence suspended or revoked and can be fined. In other words, if anyone else makes a mistake and you don't catch it, you'll be the one to pay in the end. So ultimately, you're responsible for other people's negligence and recklessness. That's a lot of pressure to be working under if you ask me.

Another downside of being a P.Eng. is that being a member of the PEO actually costs you money, for the initial licensing and for continued licensing. So having your P.Eng. and not being in a position to use it leaves you with a lower salary than those P.Engs. in managerial positions but paying the same annual fees that they do. If you're not planning to go into management or supervision then why waste the money?

Obviously getting your P.Eng. is totally up to you, but if you aren't someone who really seeks the power and responsibility of one, then it is simply a waste of your time and money. After all, while you can't legally call yourself an "engineer," you'll still be able to perform almost any engineering duties and of course you'll still have your degree and your precious iron ring.

CAROLYN SUTHERLAND
2N MECHANICAL

Whether you're a wee frosh or a weary fourth year, the biggest question on your mind should be "Should I get my professional engineering license when I graduate?" Granted that all depends on if you're a Christmas graduate or the regular type, but we'll neglect that for the sake of proving that becoming a professional engineer is far superior to remaining a mere Bachelor of Applied Sciences graduate.

Firstly, being a professional is pretty cool because the safety of the public is in your hands. It's kind of like being a super hero except the only villains are things like forces, pH factor and lack of money. Whenever I tell people I'm an engineering student, the main reaction is amazement that I'm taking such a demanding degree. Why is this? Because engineering is a professional occupation that demands the highest moral integrity from its members and is generally well-respected by the public. Professional license = respect. Sounds good to me, sign me up!

Secondly, as a professional it's hard to have people frontin' your style with PEO cracking down on all the wannabes who call themselves a P.Eng but really are just some technologist grad from Ryerson. There are about 65,000 licensed engineers in Ontario across 38 regional chapters, so we're a pretty tight group. To even be considered for licensing you need to meet a lot of requirements:

- be at least 18 years of age
- be a Canadian citizen or permanent resident of Canada
- to have graduated with at least a bachelor's degree from an accredited Canadian engineering program or meet PEO's education standards
- to have successfully completed PEO's Professional Practice Examination on ethics, practice, engineering law and professional liability
- obtain four years of work experience under a licensed professional engineer with at least one year in a Canadian jurisdiction

With all those prerequisites it's no wonder the public respects engineers; they go through a lot of hard work to get their license and shoulder an enormous amount of responsibility.

Thirdly, there are all the perks you get for being a professional member of society. You can sign all sorts of cool legal documents like passport and birth certificate applications, plus you get a seal to stamp on all your drawings and designs. How many people have a stamp that can authorize important documents and increase their salaries as a result? Plus, you can also save on car insurance; no, seriously, you really can. No, I'm not joking, a friend's engineering dad cuts his bill in half just by being a professional!

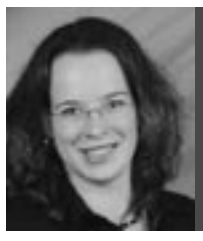
Besides, after all that time and money you might as well go the extra mile and get a professional license that will last for the rest of your life. Getting the work experience and passing the ethics exam may not appeal to you, but it's a small sacrifice that will go a long way in the end.

Professional Engineers Ontario

ONTARIO SOCIETY OF PROFESSIONAL ENGINEERS

Editor's Note:
The views and opinions expressed here do not necessarily reflect those of the authors, the Iron Warrior, or the Engineering Society.

WEEF Results Are In

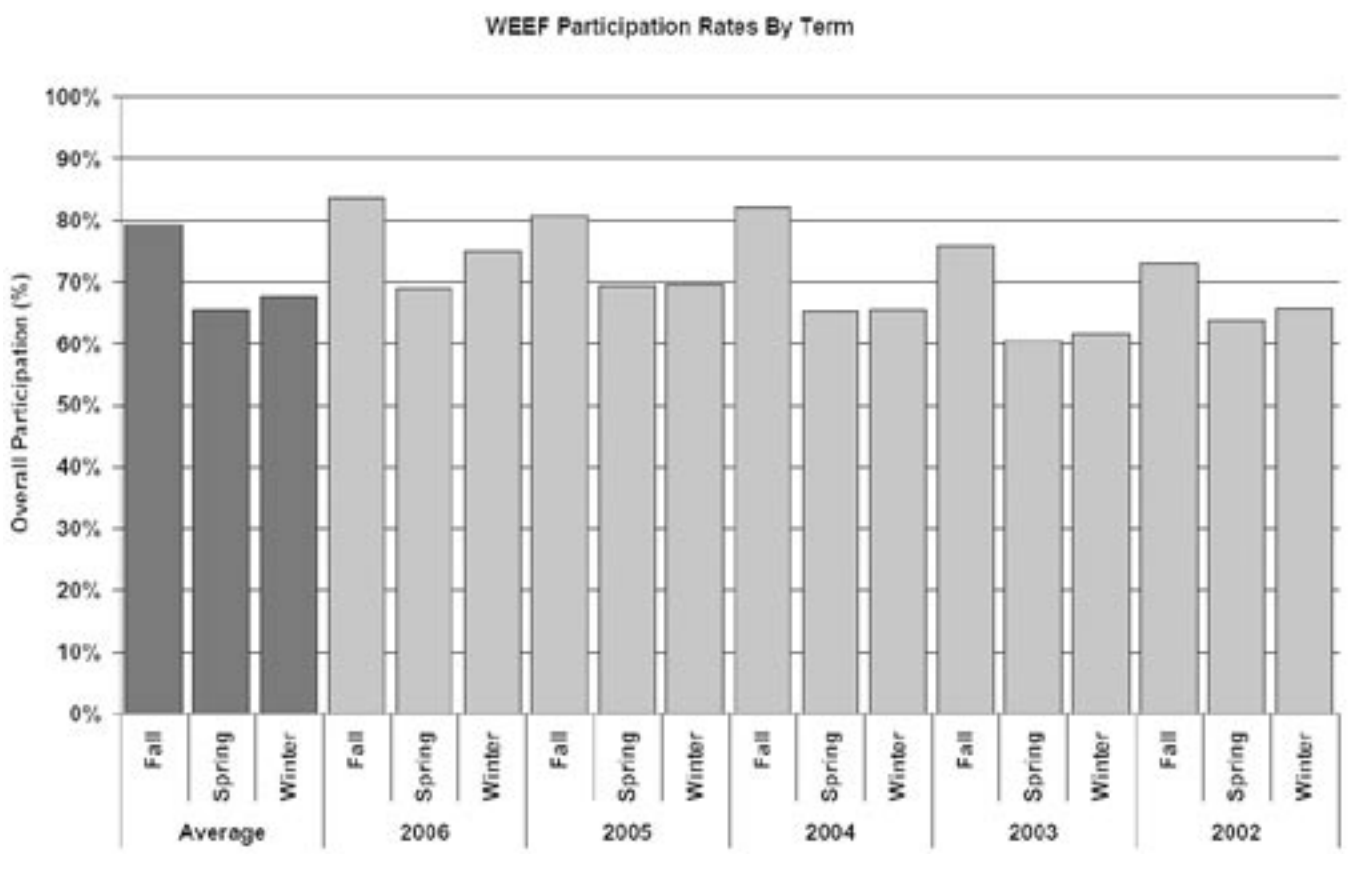


KATHRYN POMEROY
WEEF DIRECTOR

Just a short note this week (with pretty pictures). The WEEF participation stats are in for the term: 84% is very good and I would like to thank everyone who contributed. See how your class performed with the participation break-down below.

Funding council meets this Thursday (November 16th, 2006) at 5pm in RCH 308. If you are your class's rep (or would like to be) please make sure to attend.

Also on Thursday is the WEEF by-election. We have two candidates: Brandon DeHart (2B Mechatronics) and Chris Metaxas (3B Civil). Please come out and vote between 8:30am and 4:30pm in the CPH foyer.



CSE Review: Rockin' Out with Music 140

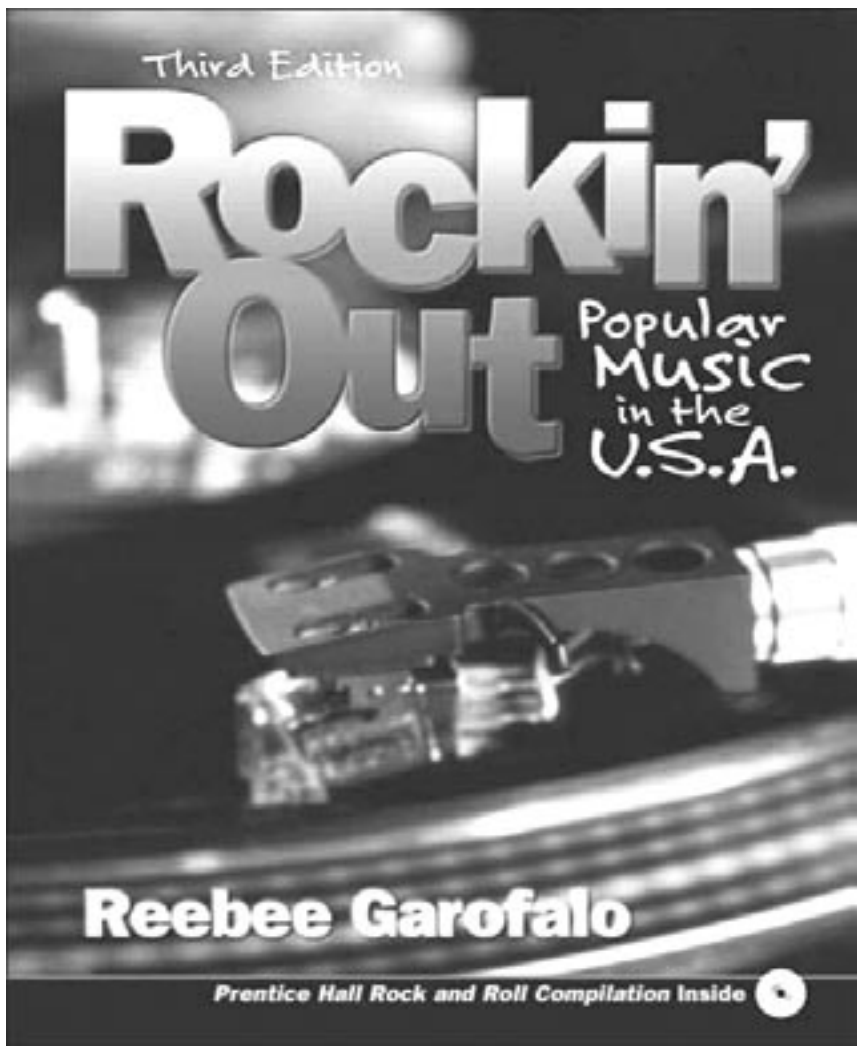
BAHMAN HADJI
3B COMPUTER

It's time for another edition of the always popular Iron Warrior CSE Review feature. Complementary Studies Electives are few and far between, but our departments begrudgingly include the few that we are allowed to take because the Canadian Engineering Accreditation Board requires them to churn out at least somewhat well-rounded engineers. These electives are generally an Engineering student's only chance to take an Arts course with a group of mostly non-engineers, and provide a nice break from the usual math and applied science courses.

Not counting the hilariously mandatory elective in Engineering Economics that every program contains, here is the grand total of the number of CSE courses each department lets you take: ECE, Nanotechnology, and Chemical get five, Mechanical, Mechatronics, Systems, and Civil get four, and Geological and Environmental get four as well as yet another mandatory elective. Clearly, given the fact that you get at most five of these electives as part of your degree (unless you choose to take extra courses), choosing interesting and enjoyable ones is important - and if they're easy, that's just an added bonus.

One of the most popular CSEs to take is "Music 140: Popular Music and Culture". Often nicknamed "The History of Rock and Roll," the course is taught by Professor Simon Wood, who actually used to be a Waterloo Engineering student for a brief period in his life. It is offered as a 3-hour weekly night class in the Fall and Spring terms every year, taken by over 200 students every time. Professor Wood has been teaching pop music courses for five years at UW and McMaster, and has worked for the legendary Grammy-winning Rob Bowman at York University. He has perfected teaching the course to a fine art, and has designed it so that it is interesting and entertaining as opposed to difficult. His lectures are filled with humour (like declaring that "Music is objective, so there is no good or bad music - except for Celine Dion, and maybe John Tesh"), impressions (ranging from Robert Johnson and Blind Willie McTell to Elvis to John Lennon), and music and video clips that are shown to complement what he says. As a result, even though Music 140 is a night class, there is rarely an empty seat to be found in the lecture hall every week.

Even if you consider yourself a music buff, there's still a lot of content in this course that you will find you're learning for the first time. Professor Wood traces the roots of popular music in North America back to the 19th Century slavery era in the United States, and explores how important a part African-American culture had in developing popular music throughout the 20th Century. Given that this means that there is over 150 years of music history to cover, it is difficult to talk about everything during the limited lecture hours of one term. However, Professor Wood gives what he calls The Hip Hop Guarantee, meaning he will finish off the course with the early beginnings of Hip Hop and MTV culture. Apparently, he used to try to rush the first few times he taught the course and talk about everything happening up to that week, but the lecture pace was too hectic, so he has since decided to focus on everything up until the 1980s. The music from the late 80s and 90s is what most of us have grown up with, so instead of wasting our time with material that we know, he believes it is better to focus on why bands we like sound the way they do by looking at their roots and influences.



Music 140 Textbook

The course is structured chronologically for the most part. Some topics that are covered in the course include different styles of music from the pre-slavery era all the way up to World War II (Work Songs, Parlour Music, Tin Pan Alley), "race" (rhythm and blues) and "hillbilly" (country and western) music, the Golden Age of Rock and Roll (Elvis, Chuck Berry, Little Richard), the In-Between Years (Dick Clark and the Dance Craze, Phil Spector, the Beach Boys), the British Invasion (The Beatles, The Rolling Stones, The Who), Soul and Funk (Aretha Franklin, James Brown), Woodstock (Jimi Hendrix, The Grateful Dead), Art Rock and Metal (Pink Floyd, Led Zeppelin, Black Sabbath), Punk (The Sex Pistols, The Ramones), and the beginnings of Hip Hop and MTV culture. Where appropriate, the content is presented along with certain topics in American history that are important to the development of music, such as slavery and the Emancipation Proclamation in the 19th Century and the Civil Rights Movement in the 1960s.

The textbook for the course is titled "Rockin' Out: Popular Music in the U.S.A." by Reebee Garofalo, and comes with an accompanying CD called The Prentice Hall Rock and Roll Compilation, containing 22 tracks from different eras and genres of music. For the first couple of lectures when the focus is on 19th Century music, the readings aren't too in sync with the lecture material, but as the course starts getting into the development of Rock and Roll through the 1940s and 50s, the readings become more relevant and interesting. Since there isn't enough time in the course to cover everything, the textbook is actually a fun recreational read as it contains material all the way up to the current era of music, including the importance of MP3s and recent events such as the backlash against the Dixie Chicks and the emergence of guitar-based garage bands like the White Stripes.

Studying for the course is actually fun. Reading through your notes about Elvis while you're listening to music is a whole lot different from studying for a typical Engineering course - and for once, the "listening to music" part isn't so you have background music for solving that differential equation, but rather part of your studying. There are two multiple-choice midterm tests and a multiple-choice final. The tests contain questions mostly from the content of the lectures, along with a little bit of the extra stuff from the textbook readings (so it's possible to get a decent mark in the course without reading the textbook by attending all the lectures). The tests also contain a listening part, where a clip from a song that has been played before in class is played and questions are asked about the song's characteristics such as its era, form, and significance.

One of the best things about having taken Music 140 is that you find yourself suddenly getting all of those older pop culture references on The Simpsons that you had never noticed before (like Principal Skinner yanking the kid singing Chuck Berry's "My Ding-a-Ling" off the stage during a talent show, or the entire Be Sharps episode), or recognizing a song from a commercial that you heard played in class (like the Phil Spector-produced "Be My Baby" by the Ronettes, in a Tide ad). According to Professor Wood, that's when he knows his work is done.

Avast! Album Review off the Starboard Bow!

MICHAEL PIETERSE
4N MARAUDING

When one thinks of musicians with breakthrough debut albums, several artists come to mind: The Beatles, Jimi Hendrix, Led Zeppelin, Boston, The Clash, Van Halen, The Beastie Boys, Guns N' Roses, and Nirvana to name a few. I submit for your consideration a new album, the release of which could be regarded as the seminal event of a new genre, not unlike "Please Please Me", "Are You Experienced?", "Led Zeppelin I", or "Nevermind". Pirate Hip Hop it's called, not to be confused with Pirate Radio, or Pirated Music. Unlike your standard Kazaa garbage, or whatever you kids are using these days, Captain Dan's debut album comes at you in full 192kbps CBR MP3 stereophonic sound. The Beatles didn't have stereo sound until a month after the release of Please Please Me - I'll let you draw your own conclusion on that one.

Most of the songs describe the glamorous life of a pirate: sailing, swashbuckling, hunting for treasure, firing their cannons, shooting people, pillaging, and drinking. The operatic "7 Seas" opens the album, establishing Dan's claim to the seas. His claim is bolstered by his resume, presented in the form of "Blackbeard's Treasure", a sweeping ballad in which it is made perfectly clear that Captain Dan and his Goons not only drop "phat" rhymes every day of the week, but are the only rap crew with buccaneer technique. "My Cannon" explores the roots of the genre, namely gangster rap and progressive house. "Sea Weeds" explores a super-hydroponic product, high in demand. "Real Swashbucklers" is an ode in the style of Beethoven or Keats, poetic and sublime. The album closes with an instrumental number, "Horizon", which fades out, leaving the listener yearning for more tales of the pirate life.

The entire album is free to listen to on the Captain's myspace site, and can be found on many torrent sites including the aptly named piratebay. The crew fully supports piracy.

Artist: Captain Dan and the Scurvy Crew
Album: Authentic Pirate Hip Hop
Run Time: 37:54
Site: http://www.myspace.com/captaindan
Track Listing

01. The 7 Seas
02. Blackbeard's Treasure
03. My Cannon
04. Seas Weeds
05. Round the Corner Sallies
06. Flinlock Glock
07. Mutiny
08. Real Swashbucklers (throw your hooks in the air)
09. The Black Mongoose
10. We be Sailin'
11. Horizon

Overall Review

9.5 / 10 Highly Recommended
- Worth the download

Engineers on Ice

Michael Seliske completing a jump

MICHAEL SELISKE
1A COMPUTER

Engineering is a tough program with lots of work, but everyone must find their own special way of getting away from it all. Some people read a good book; others have LAN parties and still others join clubs or sports. Two engineers, however, escape to the CIF three times a week to feel the cool wind in their hair and sweet smell of ice rising up through the air. The escape to which I am referring is, of course, Varsity Figure Skating, and those two Engineers are Michael Seliske and Sasha Smith.

You might have done a double take at the name Michael and thought that it must be a misprint, that they must mean Michelle, but in fact it is Michael and he is a Male Figure Skater. Most varsity athletes have a certain amount of skill and talent before they even decide to try out for a varsity team, and skating is no exception. Mike has been skating since the age of three and Sasha since the age of four and both have made it their passion.

Skating while in engineering at Waterloo is a definite struggle and requires both time management skills and a great deal of focus. The dedication to the team and early morning practices, after late nights of working, can be brutal, but time must be made for things that we love. Mike says "being surrounded by 23 girls all the time is not something to complain about, especially at Waterloo where the ratio is less then 50%", and Sasha says "It's a good time, and brings getting involved in school to a new level."

The team is competing at Queens University on November 17 and is hosting a competition in January. Although both Mike and Sasha are 4-Stream, they will be starting over their work term in January, as both will be close enough to Waterloo. If anything is to be taken away from this article, make it that male figure skaters should not be stereotyped and that it is a very challenging and rewarding sport that requires a great deal of dedication and athleticism.

Sasha Smith displays her elegance

Canadian Undergraduate Technology Conference (CUTC)

TERI LEUNG
PUBLIC RELATIONS, CUTC 2007

The Canadian Undergraduate Technology Conference (CUTC) is an annual event that is held in the Toronto region. This three-day conference brings together students from all across Canada with academia and industry leaders from across the world. CUTC is Canada's largest undergraduate technology conference with over 600 delegates and participants from companies such as Lenovo, Microsoft, Research in Motion, Apple, ATI, Telus, Bell and many others. Throughout the event students participate in five major keynote sessions given by professors and company leaders, as well as attend seminars on the most recent innovations in technology. They also take part in activities that provide hands-on experience for solving real-world problems through decision making in both the technical and business aspects of technology.

What makes CUTC a unique event compared to other conferences are its special events. The most well renowned event is TechExpo, an exhibition of the latest technology with company representatives present to talk to students and answer questions. This event is most favoured by students and companies as it displays technology present in research labs and on the market, while providing great business networking opportunities for students. Other special events include TechShow (a talk-show event set up to interview industry leaders, while giving out prizes and playing games), TechTours (tours of specific company facilities in the area), TechShops (design workshops) and TechTeam.

This year's conference will see the inauguration of TechTeam, a design competition based on real-world issues. The issues are presented as case studies by select companies on the first day of the conference, and the students taking part will have three days to come up with a design solution. The companies will then give an award for the best two designs for each topic (four topics in total) at the closing banquet.

CUTC 2007 will be taking place at the Hilton Hotel in downtown Toronto from January 11th to 13th. All the universities participating in CUTC have an ambassador who will be the contact between delegates and the organizing committee. The list of ambassadors will be on our website for students' reference. Registration for CUTC 2007 is also made online via our website (www.cutc.ca) and will be open on November 15th. Once students are registered they can select which seminar streams and workshops they would like to attend, as well as choose whether or not to take part in TechTeam. These events fill up very quickly so be sure to register early!

CUTC Delagates from the 2006 Conference

The Busy Engineer

JOHN LEE
4A SYSTEMS

As we all have learned to appreciate, the life of an Engineering student is one filled with with constant obstacles. From lack of sleep to quirky friends, Engineering students are constantly on the go without any free time. Granted, all students don't sleep and have quirky friends, but this is an Engineering paper, so I will stick to engineers. Why am I stating the obvious, you ask? Well, it's simple - the aim of this article is to remind you that sometimes it is a good thing to slow down and observe the puddle you've just bypassed or acknowledge the person walking to your left.

As Engineering students (and students of life) we are taught to ensure that we gain knowledge from our past acts be they positive or negative. Yet as we progress through our degrees and lives, how often do we take the time to stop and reflect upon the battle honours we collect? To be aware of yourself is to allow yourself to grow, and we the students of the engineering profession at the University of Waterloo spend far too little time performing this activity.

The obvious benefit of learning from your actions doesn't even need to be clarified - you've heard the virtues of such actions since you were a little grasshopper. But the true applicable benefit of reflection is the ability to become observant. Being observant is a skill that is often underrated, as it isn't a skill that is explicit in nature. As aspirants to the engineering profession we all have an implicit need to be observant as a lot of systems we deal with are not trivial. Perhaps, being observant, you might be able to predict the shifting mood in a room and steer clear of the trouble. Or you might start to understand the reason why you're the last person to find out about events around you.

The following will provide a few tips on the skill of being observant. First, the easiest way to improve your observation skills is to pause when entering any room. This is perhaps not the best thing to do in a high traffic doorway, but whenever you get a chance, as you step across the door threshold, pause - you're not looking for any particular piece of information, but rather by making your entire body still, you will start noticing new things. I want to provide more guidance here but at the same time it will not be an effective tool with too much information so I will leave this point as is.

Second, verbalize the scene in front of you (ie, start talking to yourself). At any given time, look around and start translating the scene into words. This will provide you with the ability to explore and recall information.

Third, echo others' mannerisms back to them. This tip is especially important when attempting to hold and captivate someone's attention - it is comfortable for people to talk to someone who is similar to themselves. But this isn't an observation skill, you might say. However, try it once and you will realize that to be able to reflect someone's habits, you must first come to understand them - and to accomplish this, you must observe them.

Fourth, exercise your mental agility. This is very important, as the ability to see situations from different perspectives is a very coveted skill and a key component of observation. Being observant is about more than possessing the ability to describe a scene in detail. The ability to give meaning to a scene is far more important. In understanding the context of a situation you are more able to recall the scene in detail.

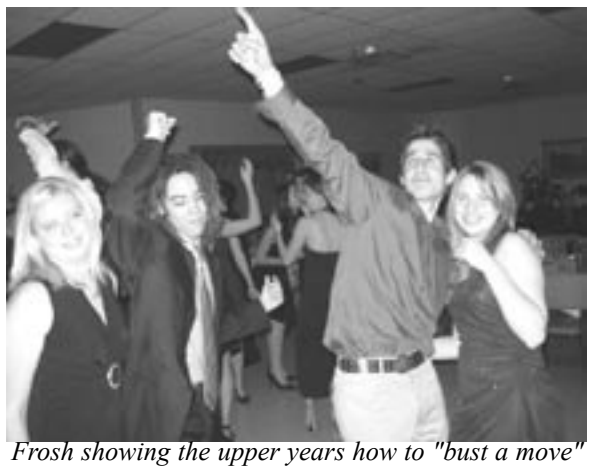
Fifth, ask for criticism from others. This may not seem like a method to increase your observation skills, but it is. This action will increase your observations skills far more than any of the previous tips. By asking another to provide their opinions of you and your actions, you learn to interpret your actions in light of your own motives. You may think that you are fully aware of your intent, but are you really? Have you ever had to say to another, "That's not what I meant!"? If so, you failed in your observations of the situation at hand. By obtaining others interpretations of your actions you will be able to modify your actions to convey the proper meaning to others, and as your observation skills are refined you will be able to give meaning to any communications with the proper tones and subtleties.

Regardless of your perception on the ability to be observant, just remember that self-reflection will always lead to a better understanding of yourself.

The Eligible Engineer's Guide to Surviving the Semi-Formal

ALEC MERKT-CAPRILE
2A LONE

So, we all know that only the coolest cats congregate for that great annual affair we call the Semi-Formal. This year's was pretty rockin', as always; though another issue that continues to remain the same is the over-indulgence of couples in the establishment. Left, right, and centre all one can see for miles and miles on end is "perfect" pairs: feeding each other, hugging, kissing, dancing, feeling each other up inappropriately. It just seems that the 'single' engineer simply isn't meant to fit in - or at least isn't meant to go alone - which brings back the question of whether singles should pair-up (not to be confused with 'pair off' which possesses such synonyms as 'mate' and 'marry') or should gang-up, and go in large, angry mobs: swelling among the couples on the dance floor and scarfing down the infinite amount of hors d'hoevres available in an inconsolable frenzy.



Frosh showing the upper years how to "bust a move" at Semi-Formal

When comparing the two, pair-up vs. gang-up, we must consider, firstly, whether the person in question is even attractive enough (physically or otherwise. I've met my fair share of mean ugly people) to pair-up, or whether he/she has enough friends to gang-up. Clearly, if the person is not eligible for the former, it's doubtful he/she would be qualified for the latter. In this case, the person must go with the one friend he/she has and that friend's partner. Later they will write a bitchy, bitter article to their beloved Iron Warrior which is always a loyal listener when one is in need of bitter bitching (remember to keep that in mind kiddies!). The last, and usually unmentionable, choice for these bachelors and bachelorettes is to not go at all, and stay at home like the losers/ loners they are, sulking in their own misery, probably watching re-runs of 'The Weakest Link'. Pitiful, I know but I've seen it happen - to a friend of a friend, of course.

Once there, it is advisable to infuse your blood with your choice of refreshment. This point is evident, and probably shouldn't even need to be mentioned but I just did, so, deal with it. Well, actually, that's about all the advice I've got. So, until next term, good luck and good riddance.

Alec amd Dave Halford "007-Style"

Costa Rica

Continued from page 4

had a "life altering" experience volunteering, and became a calloused bitter hermit who would never ever get near a volunteering project because it was so awful. Okay, now on to my own experience.

I would describe my international volunteering experience as enlightening and positive. I know what you're thinking - so this fellow was "enlightened" on the actual impoverished conditions that exist in a third world country, conditions we can only imagine here in the West. Well, no, I grew up in Africa, in the impoverished conditions I've seen. I was enlightened by the refreshing simplicity of life, by the happiness and health of the people. The kids run around barefoot, and play soccer all day long. They hurt themselves, and get back up, without parents watching anxiously, ready to sue as soon as their lovely child gets hurt. We had one little girl who was hurt while hanging out at the work site. Two of the other volunteers walked her home. The mother laughed, and said to her daughter: "I told you that you would get hurt!" In Canada it might sound like the mother didn't care for her child (which is certainly not the case), but I liked this more realistic outlook on things. Kids get hurt - deal with it.

Life was so simple there. Here we need our iPods and jumpdrives and whatever, but in Costa Rica we didn't even have hot showers! No television, radio, computer, Xbox, and we didn't miss any of it. For entertainment we only had ourselves, and a guitar (and cards and books). Fine, I did miss my hot showers, but I could live without them. My point is, you certainly don't need stuff to be happy, and those Costa Ricans are living proof. Don't get me wrong, there were still problems, family abuse issues, alcohol abuse, and extreme poverty, to name a few, but these exist here too. As a side note, it is strange how people (myself included) are so eager to help people in extreme poverty internationally, but so easily ignore the impoverished existing under our noses. Interesting.

The experience was positive for me, mostly in light of the people I got to meet. Specifically, the thirteen other volunteers on my project were terrific people. It was a rare pleasure to meet so many individuals with the rare ability to form their own opinions and care so deeply about their fellow human beings. Living in extremely close quarters with 13 other complete strangers (who are now close friends) without a single major confrontation is a feat by itself. Then there were the two Tico (the Costa Ricans call themselves Ticos) foremen.

Now, the foremen are pretty skilled construction workers, and they work scarily hard to earn their living. The first foreman, Juan, volunteered for the project. Now let me emphasize, these guys work really very hard to earn a living! There were two farm boys on the project, one was a big guy, and he couldn't hold a candle to the smaller Costa Ricans when it came to work. I couldn't even keep up with the old guys! Juan volunteering - his peers called him crazy and couldn't believe it. Why would anyone give up their hard-earned money for any amount of time? On top of this he was also a great guy (as you might have guessed). We played a lot of charades (I need to learn more Spanish). Freddy was the foreman on the next project, and he was always joking around with us. His real shining quality, though, was his equal treatment of the women in the group. In Costa Rica, women working like the female Canadian volunteers did is unheard of, and it is very difficult for someone not used to it to hand a girl a shovel and tell her to dig a trench. Freddy is a great guy. There are more people, but the last one I will mention is in my anecdote below.

At this point I still haven't actually told any of you what I actually did in Costa Rica. The group I was part of went to two communities, Jomusa and El Progresso, both close to the Nicaraguan border, and near the "big city", Upala. At Jomusa we built a schoolroom in addition to the existing school. We also taught English, and generally hung out with the kids. I never liked soccer, but playing it almost everyday in Costa Rica, I developed a strange fondness for it (although, that is how I ripped my bloody ACL back in Canada). While we were there, we lived in one of the other classrooms, squished in like sardines. We cooked in the school kitchen, and ate in the school cafeteria. What this basically means is that from the time we got up (5am) to the time we went to bed (10pm), there was some young Costa Ricans hanging around, extremely cute, and talking, for all practical purposes, gibberish (I really have to learn Spanish). For some in the group, this was rejuvenating, and for others, it got to be a bit much.

Leaving Jomusa after the project was tough, and El Progresso was very different. Here we had a house to ourselves, not nearly as immersed in the community as in Jomusa. The work was much harder. We were building a Refugee/Community Center. The building will be used for community events, and during floods, as a refugee center. It's a pretty beefy building. We dug trenches, bent rebar, poured concrete (sometimes mixed by hand) - it was hard work. It took 14 volunteers a week to dig trenches I could have dug in about 4 hours with a backhoe. But it got done, and it was refreshing in the sense that, here in Canada, I would need a backhoe to do the job, while there we did without. Another neat thing was how if something was needed, a ladder for instance, the foreman would take a few minutes and build one! They really made use of the resources around them, and ingeniously in some cases. Anyway, we didn't get the building done, but hopefully the next group will.

Interspersed throughout the trip there were visits to community member homes, dances (way too many dances), and parties. We also took a day off to visit an active volcano. I can honestly say that I was on the foot of a volcano as it was erupting. The hot river was freakin' awesome! I also got to eat some of the most amazing dishes that I'm craving back here in Canada. I can certainly recommend Costa Rican home cooking.

Anyway, for some odd reason, I picked up a piece of wood one day, started whittling with my Leatherman, and started making a chess set. This started in Jomusa, but I had to stop in El Progresso because I couldn't find any appropriate wood. So, one thing led to another, and one day I sat alone in the company of an ex-murderer with a wicked scar on his cheek wielding an extremely sharp knife, learning to properly whittle. This ex-murderer, Rodrigues, had also given me an extremely sharp knife (for a fair fight, naturally), so I wasn't scared.

The story goes like this: Don Frederico was a very cool guy in the community, and it was on his land that we were building the Refugee/Community Centre. When Frederico was 14, his father died, so since then he had been taking care of his mother, and his fourteen other siblings, including Rodrigues, who was 10 at the time. Rodrigues got himself into a mess when he was 19, killed a guy, and went to prison for 12 years. In prison, about 2 years in, this guy hands him a knife and tells Rodrigues that he needs to help kill some other guy. Rodrigues says, "No way! I have much better stuff to do with this knife!" So he picks up a piece of wood and starts carving. Ten long years in jail, he avoids all the drugs and bad things by carving beautiful things for the convicts and their visiting families. These carvings are all given freely, without payment of any kind. Last March Rodrigues got out of jail, and he still spends his time carving away. Now he wants to start selling his creations to help support his family - a truly terrific person, and a very nice guy.

With my final work term report handed in, it has become completely against my nature to end anything written without a conclusion and some recommendations, so here goes. In conclusion, volunteering in Costa Rica was an enlightening and positive experience. I was delighted by the simplicity of life, and blessed by the people I got to meet. For your own international volunteering experience I would recommend taking only black socks, and a very healthy dose of tolerance and patience. If you cannot get along with your roommates, living with 14 complete strangers in close proximity for an extended period of time might not be for you. The most rewarding part of my trip was getting to meet Rodrigues. He is living proof that a person can change, and that a mistake, no matter how big, doesn't mean the end.

The End.

Command Lines: The Real Way to Run a Computer

DAVID YIP
4A MECHANICAL

This inspiration for this article comes from an episode of Talking to Artsies, which is found almost daily at 5PM Eastern at my place. This particular episode was "The One Where They Mention DOS," and it goes a little something like this (apologies to Kristen in advance for the haphazard paraphrasing):

"What's DOS?"

"Oh, it's like when your computer screws up and does this dealie with a black screen with just words on it."

And I thought back to the days of the command line - indeed, the dealie with the foreboding black screen and its string of ominous characters: C:>

Early Mac-adopters will either scoff or shrug in ignorance, having been long cosseted by Apple's ever-dominant GUI (Graphical User Interface) skills, evident to this date. But for PC users, the command line was once the only weapon of choice: speedy and decisive, if difficult to master, like a fine sword or race car. Doing anything required a series of perfectly-executed moves, and only a true master could type in the required chain with speed and accuracy, while avoiding the dreaded "Bad command or file name" message.

The command line's relationship to expertise is readily apparent in the media. When was the last time anyone in a serious computing position, whether at CTU Los Angeles or CSI Las Vegas, clicked around on a one-button mouse? Never, that's when. Whenever some serious image enhancement has to occur, "Enhance!" is always followed by a furious series of rapid keypresses. In Matrix Reloaded, does Trinity use a GUI with transparencies, context-sensitive menus, and tool-tips? No! It's command line all the way - a command line is the environment of choice for hacking into the power grid.

Trinity uses a computer via command prompt [images.insecure.org/nmap/images/matrix/DVD_Rip2.jpg]

Heck, even the Enter key itself is a plot device unto itself, a mini-cliffhanger just waiting to be exploited. Picture the scene. The command line reads "Detonate." The antagonist, bloodied after repeated confrontations with the protagonist, reaches towards the Enter key with his dying breaths. His trembling fingers hover over the keys when suddenly - BAM! - a shotgun blast destroys the computer!

"Detonate? That's a bad command or file name, scumbag."

America is saved once again! No explosions! The civilians live, the plane doesn't crash, and the bad guys are pwned.

Interestingly enough, command lines and keyboard entry are actually related to expertise. Interfaces are designed with menus so that novices (ie: omfg!!! n00bs LOL!!11! kekeke) can scan through the list of options before settling on the one they want. However, the menus are also equipped with keyboard shortcuts so advanced users can just fire in keyboard commands to get the job done faster. For example, the Help menu is always handily up top for the novices, but for the near-experts, F1 works just as well. You can File - Exit - Yes to save changes, but Alt-Space-C-Enter also works. But for novices, staring at C:> doesn't tell them much. Back in the day, even if you wanted help, you needed to know what command to type for help! (It's "help.")

Thankfully, the GUI is now standard. Beginning at the Xerox Palo Alto Research Centre in the late 70s, and further developed by Apple (with members of the Xerox team), the GUI was spread by Microsoft Windows, so that now everyone has some idea what Windows icons, menus, and pointers are. I daresay we're well past the point of functionality now, where most advances to GUIs have been mostly about the "G" - shadowing, transparencies - and less about the "UI". Are we going to see anything better than the keyboard and the mouse? Are those holographic displays coming anytime soon? No? Fine.

Computing Trivia

What was the last standalone release version of DOS?
Version 6.22

What is the result of the "prompt pg" command?
C:>

What's the difference between "cd.." and "cd"?
The first changes up on directory level, the second displays the current directory.

Who said "Bill, thank you. The world's a better place."?
Steve Jobs, after Microsoft saved Apple.

What is the Windows Vista version of the Widgets found (ripped off of) in Mac OS X?
Gadgets

What is the point of the @ in front of "@echo off"?
It prevents the echo off command from being echoed.

What does ATDT5555186236 do?
It gets a Hayes AT-compatible modem to tone-dial the number.

Sony PlayStation 3 Shortage

WILLIAM LY
2B MECHANICAL

As some may already know, Sony has run into some production problems, heavily due to the fact that blu-ray diodes are not being manufactured to meet industry specs. So the announced delivery of 400,000 units for the initial North America launch is actually lower, and supply and demand will be a huge issue for early launch adapters. This poses a problem for those individuals that want to own the system for themselves. Some may have encountered or know of parasitic hooligans that are trying to round up as many units as possible to eBay them off for a large return profit.

This is saddening for the true gamer, and I personally do not condone nor support such asinine behavior. The real people that suffer are parents and grandparents that are forced to purchase such inflated units because they promised little Johnny a PS3 for Christmas, and when a promise is made to a child it simply cannot be broken. An incident that occurred down south was when EB Games/Game Stop had their PS3 preorders, and a grandmother came late and was unable to receive the coveted ticket number, and offered 10 Benjamins (that would be US$1000) to the individual at the front of the line to give his spot up to her so she could get the PS3 system for her grandson for the Christmas holidays.

Regardless of whether or not the buyer is financially set, this is not the proper way to make money. How would you like it if something you wanted was inflated because of a certain inconsiderate group of hooligans trying to gouge you for as much money as possible? For those that feel that such actions are wrong and want to do something about it, I propose we each make fake eBay accounts and overbid to an unreachable amount so that these parasites have their plans backfire on them, and so that Sony gets their act together and increases production and they are left high and dry.

Another incident that needs to be addressed is how EB Games/Game Stop employees at certain locations are allowed to preorder PS3s and Wiis, but as announced by their respective headquarters, employees are not allowed to preorder such systems. This is absolutely disgusting as it reveals that you are not professional or ethical enough to do it the proper way by camping outside like all the other thousands of people who in turn get burned by these actions. I hope that employees that commit such acts are fired on the spot, because if this is what their respective companies are condoning then obviously gamers should take their business elsewhere.

Technology: Essential to the Quest for Meaning

STEPHEN LITT
4A SYSTEMS

Technology can be presented as being both condemning and counter-productive in today's world. Broad sweeping generalizations have been made regarding the evil underpinnings of technology and the copious amount of resources it consumes in developing itself. The question of where technology is moving is often posed.

Technology needs to be defined properly before one makes such bold accusations. Technology is the result of applied scientific research. It is useful in some way, shape, or form to someone - otherwise, it would not be developed. Innovations can be made to improve every aspect of the word in which we live. Technology is not a loosely defined theoretical concept that moderates itself. It is a tangible state of the art that is practiced, lived, and pushed forward by a group of professionals called Engineers. It is true that some write poetry to find the path to meaning in life. Others however explore the path in different ways. Some push the envelope of technology to establish a definition of meaning. By understanding how the world works from a mathematical and physical standpoint, we can better integrate our human existence into it.

Without technology, formal discussions of the quest within the academic framework would not exist. Technology and the infrastructure that results from it allow human beings to congregate and think about the nature of our very existence. Without the classroom in which we meet, how would we be safely protected from the harsh Canadian climate? Without the presenter's cutting-edge notebook computer jam-packed with the hottest technical gizmos, how would we organize, present, and in the end effectively communicate? Without the political and administrative hierarchy of the University of Waterloo, how would a professor collect the resources and focus interest in even offering a course about the quest for meaning? Technology has allowed human beings to become more efficient in day to day activities. It allows people to shift focus from life's essentials (eating and sleeping) to higher order tasks that benefit others. No longer do we need to worry about what we will eat, who will kill it, and where we will sleep at night as in the days of early man and woman. This framework allows people to get things done with structure and in a timely fashion.

Engineers practice engineering within this already developed framework. Some may consider this societal structure bureaucratic and spend energy fighting generations of hierarchical development. Productiveness lies in understanding how to embrace this network and move initiatives forward. Changes to this framework

Continued on page 15
See Technology

Bomber

Continued from page 1

on Alcohol Use and Education felt that implementing this policy would help alleviate the problem.

The effects of this policy change were not immediately noticed because the Bomber was under renovations for the summer and there were much less students on campus. However, once the Fall term started up there were a large number of societies wishing to book the Bomber for a "Society Night" (we get one each term). It was at this point that societies became aware of the underage policy formed by the Committee on Alcohol Use Education.

President Zakrison said she would ask Feds VP Administration and Finance Renjie Butalid to look into getting this policy changed. The next day I got an email from VP Butalid asking for Society feedback on the new Bomber underage policy. EngSoc VP Internal Kiri Neufeglise put together a response explaining the importance of keeping TalEng an all-ages event, as we use the Bomber for TalEng each term.

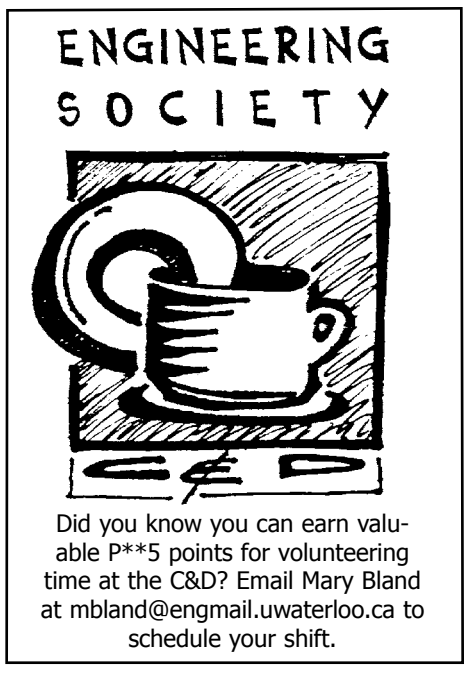
VP Butalid received a number of responses from Societies across campus. He brought these concerns to Bud Walker and Lee Elkas, two members of the committee. They agreed to lift to policy for the time being. The part of the policy in question was changed to read:

"The policy of no minors after 7pm will remain in effect for the Bomber only on the following nights: Wednesday, Friday and Saturday. Monday, Tuesday and Thursday nights are now open for all clubs and society events."

Therefore, underage students will be allowed in the Bomber on Monday, Tuesday, and Thursday nights. The decision will be revisited on November 22, 2006 at the next Committee on Alcohol Use & Education meeting. They will base some of their decision on how the next few weeks go with the temporary policy in place. VP Butalid will inform students of their decision after the committee meets in a couple of weeks.

Feds has done a good job at responding to the issue at hand. I first addressed the issue with President Zakrison on Thursday October 19. On October 20 VP Butalid sent an email requesting Society feedback on the policy and by Tuesday October 31 he informed Society Presidents that the Bomber underage policy had been temporarily lifted.

For more information about policies governing alcohol use and education, see Policy 21 (http://secretariat.uwaterloo.ca/Policies/policy21.htm). For more information about the Committee of Alcohol Use and Education see http://secretariat.uwaterloo.ca/Committees/university-wide/alcohol.htm.



Did you know you can earn valuable P**5 points for volunteering time at the C&D? Email Mary Bland at mbland@engmail.uwaterloo.ca to schedule your shift.

Davis Library Security System Now Active

LIBRARY COMMUNICATIONS
UNIVERSITY OF WATERLOO

Students, faculty, and staff exiting the Davis Centre Library are experiencing something unfathomable to their predecessors: not having their book bags checked by the library attendant. Following a week of drilling, assembling, and wiring, the new security gates are active, thus completing the installation of the 3M One-Tag Inventory and Security System at the Davis Library. With assistance from a $1 million gift from 3M Canada, the Library is the first academic institution in North America to showcase this type of innovative radio frequency identification technology.

When asked how they felt about the new security gates, students exiting the Davis Library provided similar responses. "I think having these gates is much more convenient because you dont' have to get your bags checked," said first year Mathematics student, Helen Qu. "You no longer have to wait in line. Overall, this area now looks better."

Agreeing with what Helen had to say, second year Computer Science student, Alexandre Karpov added "I hope the new security system will help remedy some of the books that go missing from the Library."

The next few weeks will be a learning experience for library staff and visitors. For the time being, the alarm will consist of flashing lights and a beeping sound. During this time, there will be a library attendant seated near the exit to provide directions if the alarm is triggered. By next week, the alarm's beeping sound will be followed by a voice message directing visitors back to the Davis Library's Circulation Desk to resolve the problem.

High School Students Explore 'Design' Theme

MEDIA RELATIONS
UNIVERSITY OF WATERLOO

Top Grade 11 students from across Canada will explore the theme of design next week in a Waterloo Unlimited program offered at the University of Waterloo.

Partipants in the 2005 offering of Waterloo Unlimited

The 46 students will participate in a series of on-campus workshops arranged by the UW enrichment program. Waterloo Unlimited is a trans- disciplinary enrichment experience for high school students of exceptional potential.

"Our program will give the students the opportunity to interact with university faculty and students from around the campus," said Ed Jernigan, director for Waterloo Unlimited. "With that diversity, we are able to explore design in the broadest possible sense."

Jernigan said the program seeks to help students of extraordinary potential come together in a community of scholars. "At Unlimited, students learn how to become more engaged with and better able to contribute to their own educational enrichment."

The students will learn about design in the context of various disciplines presented by professors from various faculties and programs from across campus, including engineering, literature, urban planning and other areas. They will also attend skills sessions, on topics such as creativity and communications, and participate in group assignments and activities.

Each day includes two lectures on some aspect of design, a two-hour hands-on workshop on a design discipline and a two-hour skills session. There are also public talks by Ken Coates, dean of the faculty of arts, and James Alan Gardner, a local author.

Developing programs around a theme, rather than a single subject, is a hallmark of Waterloo Unlimited.

"Innovative solutions and groundbreaking research happen where disciplines and researchers cross boundaries," Jernigan said. "Themed teaching promotes an open-ended learning experience and develops students' higher-order academic skills, such as analysis, synthesis, communication and collaboration."

Hosted by the faculty of environmental studies, Waterloo Unlimited has been offering innovative enrichment experiences to high school students since 2004.

UW to Officially Open Musagetes Architecture Library, Honour Local Philanthropists

MEDIA RELATIONS
UNIVERSITY OF WATERLOO

The University of Waterloo's school of architecture will officially open the Musagetes Architecture Library, which contains one of Canada's top collections of rare books on architecture and design, with a special ceremony Wednesday.

The event will also celebrate the $2.5-million gift to the architecture library by local philanthropists Louise MacCallum and Michael Barnstijn. Their donation assisted in the renovation and furnishing of the new library at the school.

"In collaboration with the UW library, we have created one of the best collections of rare architectural books," said Rick Haldenby, director of the architecture school. "The library not only fulfils the information needs of our students and faculty, but also celebrates our love of books and the printed image and shares the resource with the community."

The architecture library takes its name from the Musagetes Foundation, founded by MacCallum and Barnstijn. In classical mythology, Musagetes (pronounced Muse-a-get-ease) is the title attached to the god Apollo in his role as protector and promoter of the muses and, as such, reflects the couple's activities as patrons of the arts.

The library's earliest dated book (1535) is a treatise, in Latin, by the Northern Renaissance artist, Albrecht Durer. The rare books are preserved in a separate, environmentally controlled room.

The collection has been built up over the last 30 years with the support of UW's library and the Social Sciences and Humanities Research Council of Canada.

Two private donations have also been key. A gift from Spencer Clark created the Rosa Breithaupt Clark Collection of rare books in architecture. And Canadian architectural historian William Dendy donated his entire personal collection to UW.

As a result, the Musagetes Library holds landmark titles in the history and theory of architecture, treatises from the 16th to the 20th century, as well as texts outlining architectural developments in Northern Europe and on the North American frontier, which have a profound effect on architectural theory and urban development in Canada.

The library contains more than 30,000 volumes and 75 current print and electronic journals. Most books are on some aspect of architecture, including architectural design, theory, history and criticism, as well as on historic preservation, building technology, industrial design, landscape architecture, interior design and urban design.

The collection also embraces reference resources, fifth-year and master's theses, a small product catalogue section, selected plans of local buildings, along with titles on art, interior design, industrial design and photography.

The space is open and luminous, giving the users comfortable places to browse, read and work. Wonderful views of the Grand River, the bridges and buildings of old Galt complement a collection dedicated to design. The furniture and light fixtures are simple and consistent the building's industrial past.

The Stagnation of Organized Religion

YUVRAJ GOEL
2B MECHANICAL

Truly, religion is one of those topics about which everyone has a unique level of understanding. It would be presumptuous to proclaim any particular way of thinking as the "one true path" and thus insult other established religions. Instead, I wish to explore the general attitude that people have towards religion, and the resulting stagnation of organized religion.

In a way religion has become a way of putting everything we don't understand about life and existence into one category. Ever since intelligent human beings started walking the earth, there have been certain questions that have been beyond our immediate ability to answer. However, looking at the technological, cultural, social and every other kind of progress that we have made over the last few millennia, it is unfortunate that similar advances have not been made in religion.

I personally do not like to believe that we are not capable of knowing the higher truths of life. With a methodical, exhaustive approach, I am sure some new knowledge can be acquired about religion and spirituality. Humans are hungry seekers of knowledge when it comes to almost any other subject. For some reason we choose to believe that religion is a field into which no new insights are required. While religious scriptures are an excellent starting point for seeking knowledge, not everyone finds them to be complete sources of spiritual guidance.

Religion continues to give most people in the world a general sense of direction when it comes to spiritual pursuits, but few have a clear idea of where they are headed. I think this is because organized religion has become somewhat preoccupied with rituals and symbols. Due to the rigidity of religious establishments and due to fear of contempt from one's community, it is difficult for ordinary people to question the religious beliefs that are usually taken for granted. Hence, common religious beliefs are passed on from generation to generation with few additions and changes.

Attitudes towards religion are strongly affected by family values and our upbringing. It is difficult to say how many of us shape and refine these attitudes by our own efforts. Some may be reluctant to learn more about other religions and paths in the fear that what they discover would severely contradict what they have believed all their lives. This is perhaps the exact opposite of the scientific attitude that has led humans to make astounding developments in other fields.

Due to the lack of such new developments in religion, it has become part of the background in our daily lives. It's a haven we go to only when everything else fails. As we grow up and our responsibilities and worries increase, we find increasingly less time to wonder about life, existence and a higher force that we may never fully understand. Hence, we put these concepts into the category of religion, and keep them at a safe distance from any scientific or logical pursuits.

However, in a sense, religion is a science in itself. It is a vast, all-encompassing body of information, so vast in fact that it overshadows all other sciences. However, humanity has neglected to thoroughly explore religion over time in the hope that it would guide and nourish itself, as if it were something organic and self-evolving. I think we need a new, more scientific attitude towards religion. Perhaps we should start questioning and probing without fear. Perhaps each one of us should take the time to examine all that is currently known about religion, and use that knowledge to form new hypotheses in an effort to expand our understanding. If we discover even a shred of new insight into religion, we would have accomplished something monumental.

Technology

Continued from page 13

are engineering endeavors in themselves.

The indigenous viewpoint of how one fits into and interacts with this world are easily contrasted with the traditional European/Western viewpoints. Indigenous peoples are often described as taking as little as possible to survive. Whatever resources they consume, they are deeply sorry for and celebrate the fact that they are provided for. This is very contrary to the greedy standpoint of Western society. Technology was wrongly connected to this greedy driving force. As mentioned previously, technology is administrated and celebrated by Engineers. And because it is celebrated by engineers, it is absolutely beneficial for some greater end. Engineering at the root of its legal definition as a profession is the duty to society to minimize the amount of resources consumed (impact) to maximize the amount of benefit (output). Anything else is malpractice, inefficiency, and not real technology. This concept of cost versus benefit is both economically sound (from a financial business view point) and rational in the scope of the welfare our green and blue planet upon which we rely for our survival.

Engineering is about getting things done through innovations within the existing framework to benefit society. As discussed previously, Engineers regardless of discipline exist to further the state of the art of a given technology. This framework demands infinite benefit with very little resources. Real, productive science is not "raping" nature. Forcing nature to give up its secrets is not sound procedure. Science should be an open inquiry but the very technology that allows us to discuss such concepts both provides the opportunity while limiting us by the hierarchical bureaucracy it has setup.

In the end, the symbolic garden of Eden does exist. We live our entire lives in this garden that is shaped by our personalities, decision models, and outlooks. Some are content with playing in the garden and enjoying it. This is their quest for meaning. Others choose to work with the garden, making it a more user-friendly and higher-performance place of worship and celebration. This is their quest for real technology; the technology that provides and limits. The end of natural evolution may be the beginning of another level of technology guided existence.

Geological Interpolation Equivalencies?

CHASE GOSSELIN
1A GEOLOGICAL

Here at the University of Waterloo's Faculty of Engineering, Geological Engineering is housed within the faculty, and draws on Geology, Applied Sciences, Earth Sciences, and Civil and Environmental Engineering. The department of Earth and Ocean Sciences at the University of British Columbia also has a program called Geological Engineering, housed under the Faculty of Science, but still under the jurisdiction of the Faculty of Applied Science (Engineering). There were only nine universities in Canada that offered a Geological Engineering program when I was deciding on the university of my choice. Thus, my choice of location was already limited by my choice of program.

Of those nine universities, only two were left as contenders after the initial identification of faults and flaws. I'm from the Lower Mainland, so UBC was an obvious choice, and with one of the best AS faculties in the country, it was an early contender. Since I did not want to study in a province other than my home province, Ontario, or Quebec, because I don't like the other provinces all that much, UW seemed like the only other logical choice.

What a decision. On the one hand, one of the oldest and most prestigious universities in Canada, with the largest student population, and one of the most diverse and interesting campuses; on the other, the largest and most acclaimed faculty of Engineering in Canada, with the co-op program and the promise of the unknown.

While many things affected my decision in the end, ultimately I was unable to bypass the promise of co-op for the choice that logically made sense to me. Now, after arriving here at UW and enjoying my experience with the program so far, and after a lengthy discussion with my friend Adam Schneider (another 1A GeoE), I seek to solidify my choice through a comparison of approaches between arguably the top two GeoE programs in Canada.

University of British Columbia

On the pros side, UBC has a truly interdisciplinary GeoE program, comprising of courses offered through Earth and Ocean Sciences and the department of Geological Engineering. This creates a unique link between the two disciplines and the existence of a GeoE department adds to the program, making it stronger as a stand-alone program. Degree options and specializations in UBC are geared towards individual specifications and personal choice more than a specific option set or theme. Also, for all those out there unsure of the specific program that excites them, a common first year allows a chance for choice and discovery. Furthermore, every year consists of two terms back-to-back on campus and one off-term, which allows the logistics of housing to be more easily rectified and also shortens the amount of time to graduation.

However, there are many cons as well. At UBC, acceptance into the co-op program is not assured, and therefore the financial strain overall can be much higher to students. Also, with late entrance into the department, the competition for specific programs can be much more intense and good students that have trouble in first year may not end up in the program of their choice (sort of like a Nano ending up in Civ). When a program fills up, you are placed in another based on marks and preference. You can end up anywhere, however, and of course ending up where you don't want to be, when you don't even have co-op to fall back on, is worse and more expensive at UBC then it is at UW.

University of Waterloo

The pros associated with our dear UW are of course its individual first-year program, where you actually set yourself up for success in your program and are not taken out of your program short of failing out. UW's groundbreaking co-op program is a major helping hand for all those poor and starving students. Economically speaking, the co-op program is a huge boost, but also has far-reaching effects on the attractiveness (resume-wise) of Waterloo graduates. Thus, you graduate with a substantial head start financially and with more experience than the average bear.

The cons that follow here are somewhat education-based. The GeoE program at UW is decentralized over many departments and based out of Civil Engineering. Thus you get an Engineering perspective on Earth Sciences, and less of a true window into the scientific side of the program. The tuition at UW is off the top more expensive and housing is a logistical nightmare. Not only are prices outrageous in comparison (while Vancouver is bad, the Greater Vancouver Regional District is not), but there is a limited range of acceptable locations for housing. There is also the displacement that having two streams of students creates. UW is also in the middle of Waterloo, which means that you have to go a long way to get to anything. And I mean anything!

I'll leave the pros/cons lists on this final note: PDEng. Need I say more?

The final decision is up to you as to which of these institutions is the premier Canadian GeoE program and better able to represent Geological Engineering. One final thought though: there must be a reason that an amazing specimen of human dysfunction like me graced UW with my presence. Therefore, there must be something to this program – even if we can't be certain what it is.

Door Etiquette
Human-Shaped Windowless Portals, The Misunderstood Soul

CHASE GOSSELIN
1A GEOLOGICAL

OK, I believe the mice are having too much fun with us. They instate an underlying principle to the act of "dooring" (using a door) and do not publish this fact. They make it an article of the iteration of common sense. Thus it is only known by a select few.

Back up. Why is it that no one seems to understand truly and fully what a door is for? Wherefore do people always end up in confusing and compromising situations regarding the usage of doors and how they are properly employed?

Especially true of me and my first year peers, I seek to figure out the situational irony of doors, and stop the confusing situations that happen daily. The rules are then broken into sections based on door types:

Elevator doors (doors into any small compartments and your sister's bedroom count)

When there is a specified portal, that is both the entrance and exit of one room or compartment, a specific rule set applies. This rule set dictates precedence for the people already contained within the compartment over those entering the compartment.

Thus, if there are those who wish to leave an elevator, they are allowed to clear the compartment en avance (in front) of those attempting to enter the compartment. While this fact may seem like common sense to many out there, logical conclusions are not always the precedent when time is of the essence and one is pressed.

Yes, a rule set can have one rule.

Single Doors, en groupe

OK, when you are at the head of a group of people, heading into a doorway, holding the door is just natural. But, if in the specific situation where there is a limiting reagent (e.g. space), then move, hold your arm back for the next person and MOVE FORWARD!

Is that so hard? Well, is it?

A lingering question posed by the advancement of modern society is the male - female dynamic, and how does one treat the gentleman question? If a girl opens a door for me, I always feel kinda guilty, being that I have three older sisters who have drilled chivalry into my personality from birth. Others are not so inclined, and in many instances I have observed a base and senseless act of men arriving at the door in question and waiting for the women behind to catch up and take the door for them. This is not only incautious, but also against good common sense; if you're there first - open the door!

A single door poses many challenges when it comes to etiquette

Double doors are found around much of the campus and require special attention

Also contained as a subset of single doors, en groupe, is multiple people accessing opposite sides of the same door. If one person is on one side of the door, that's one question, but what of group to group relations? Well, single - single door etiquette is straight forward (in my opinion) as usually the door in question opens out to one side or the other, denoted by a handle and not a crossbar, wherein the person on the handle side should usually open the door and allow the other to exit. This not only negates the problem of hitting the person on the handle side, if you should be on the crossbar side, but also allows for the person on the handle side to step back, allowing maximum passing space for the door in question.

Double Doors, en groupe

Well, as demonstrated in the single doors section, most situations that happen in double doors are mirrored by single doors. Space in double doors is usually not an issue, but be courteous and open the door (it really isn't that big of an issue, is it?). New issues are created around portal to portal miniature foyers, where a set of doors leads to another set of doors, and these are some of the most confusing door experiences when inexperience is found to be in the mix.

I have found a definition of the mini-foyer to fall into the elevator category nicely, as a Frankenstein-esque double-elevator mix. Allowing people out of the mini-foyer is always preferable, where this doesn't interfere with any underlying rules. For example, entering the mini-foyer is permissible if they open the doors for you and stand back to let you through. Of course you are not going to smack them and tell them they're not supposed to do that, you walk through and say thank you.

So by now you must be thinking, "what is this universal fact, this underlying principle to doors?" Unlike the meaning of life, whose answer is relatively simple (c) but actually equal to 42, the "principle of door-ing" is much more esoteric and a lot more useful. (sure the meaning of life is 42, but does that pay my grocery bill?).

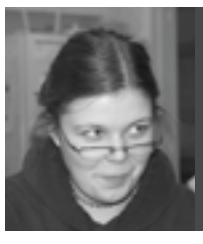
The Principle of Door-ing states that: universally, door-ing is performed while considering the essence of time, ease of transmittal, and courtesy for your fellow "door-ers". Thus, in any situation where proper door-ing technique is not previously stated or ascertained, one must use techniques which create a door that can been "door-ed" quickly and efficiently, but also with grace, and minimal discomfort to your fellow door-ers.

Do You Have Something to Contribute?

Drop off your poetry, cartoons, drawings, photos and anything else artistic in the "Arts" box in the Orifice, or email them to iwarrior@engmail.uwaterloo.ca

Submissions may be published here in The Iron Warrior, and earn you valuable P**5 points for your class!

Charobeem Cooks
Oven Baked Squash

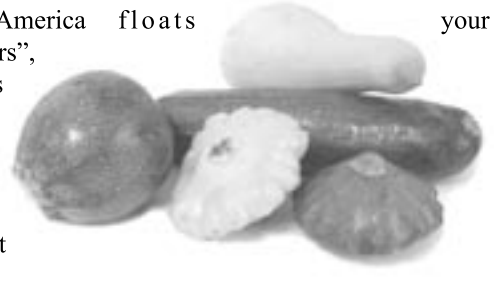


CAROLYN SUTHERLAND
2N MECHANICAL

As the winter season approaches, thoughts turn to the holiday season and the accompanying festivities, including that of the the traditional Xmas feast! Unfortunately those delicious dinners of turkey, stuffing, mashed potatoes and cranberry sauce are weeks ahead of us, but luckily there is the hearty squash.

The squash is native to North America and was one of the "Three Sisters", which were indigenous plants (maize/corn, beans and squash) grown by the Native Americans. These were usually planted together since the climbing beans could use the cornstalks for support while the squash vines provided ground cover to limit weeds, and in return were shaded by the corn.

Depending on when they are harvested, squashes are categorized as summer or winter. The summer squashes are small and tender and can be eaten raw since they require little or no cooking. The tougher, larger winter squashes require more cooking time but can be stored for a longer time. Spaghetti, acorn, and butternut squashes are the most common of the winter squashes to be found at grocery stores this time of year. Each type of squash has its own unique taste and texture, so try each one and see which one floats your boat!



Oven Baked Squash
Serves: 2

Ingredients:

1 squash, any kind
margarine
brown sugar

1. Preheat oven to 400 degrees Fahrenheit.
2. Cut squash into two halves, scoop out the seeds.
3. Line the inside of each half with margarine, then with brown sugar.
4. Place squash halves on baking sheet and place in oven for 35 minutes or until squash is tender and can easily be scooped with a fork/spoon.

'Atta Boy Jimmy!

Since the last column focused on helping engineers please their lady friends, let's talk a little about how to pleasure that special man in your life. There are many means by which to sexually stimulate your mate. Today we take a closer look at…fellatio.

As always, safety is first and foremost. There are many who think that oral contact is safer than sexual intercourse. While it is true that your chances of contacting a sexually transmitted infection (STI) when performing oral sex are lower than during unprotected vaginal or anal intercourse, there is still a risk. If you or your partner has not been tested for STIs (including HIV) then you should use a condom, otherwise just make sure there are no open cuts or sores in your mouth or on your partner's genitals before performing fellatio.

Like women, men are individuals and what one likes is not necessarily what another will enjoy. Taking this into consideration it is always best to COMMUNICATE with your partner about what they are getting pleasure from, want more of, or would like to try. If you're both comfortable, then go for it!

One major mistake that first timers can make is using the teeth, or "raking", the practice of scratching your teeth on a man's penis. While gentle nibbling can be stimulating on the glans or "head" of the penis, it is widely considered unpleasant when teeth are used on the shaft of the penis.

Lubrication, as in vaginal and anal sex, is important when performing fellatio. Rubbing the shaft without any lubrication can cause an uncomfortable sensation. A natural way of lubrication is to use your saliva. Licking the shaft up and down before rubbing or inserting it deeply into your mouth can work. Even letting your saliva drip down the shaft of the penis while you massage the glans with your tongue or suck on the shaft can be erotic and pleasurable.

Lastly, let's not forget the testes. Yes, that's right; you may remember the effeminate blow-job instructor from Old School reminding his pupils, he wasn't lying. Not only the testicles but the area between to scrotum and the anus, known as the Perineum, can be stimulated during oral sex. Massaging the testicles or perineum with your tongue or fingers can lead to an enhanced orgasmic experience for your partner.

If you follow these general guidelines I'm sure you'll make a special man very happy. Remember, however, that these are generalizations that might not be true for every man. Talk to your partner; let him help guide you to providing paroxysms of unbridled ecstasy. Be safe and have fun! (Please feel free to email any questions or comments to eng.sex@hotmail.com)

LAST ISSUE'S CROSSWORD SOLUTIONS

■	B	A	S	C	■	A	A	B	A	■	N	O	V	A
K	A	R	M	A	■	G	R	U	B	■	A	R	A	B
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S	O	U	T	H	C	A	M	P	U	S	H	A	L	L
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S	E	N	■	B	O	G	■	E	R	A	■	S	S	R
P	M	S	■	O	N	E	S	■	E	L	U	A	T	E
O	P	E	R	A	T	I	N	G	S	Y	S	T	E	M
U	L	N	A	■	I	G	O	R	■	S	A	U	T	E
S	A	S	H	■	M	E	R	E	■	E	G	R	E	T
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LAST ISSUE'S ENGINOKU SOLUTIONS

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The Truth about Chlamydia

Since we all know that there is a large concentration of sexual activity around any university campus in North America nowadays, understanding the effects of STIs is valuable information for any Plummer. Something to know these days is the frighteningly fast paced spread of the STI Chlamydia.

Considering Chlamydia's reputation as the "silent epidemic," due to the high percentage of women with the disease who feel little or no symptoms for months to years, it's important that everyone knows how to prevent and treat its spread. Chlamydia is a largely unknown cause of up to a half million cases of "pelvic inflammatory disease (PID), a generic term for infection of the uterus, fallopian tubes, and/or ovaries," every year in the US. Other symptoms of Chlamydia itself are "unusual vaginal bleeding or discharge, pain in the abdomen, painful sexual intercourse, fever, painful urination or the urge to urinate more frequently than usual."

Chlamydia, however, does not affect only females, but has a large spread of symptoms in males, often being more harmful to their health. Besides the generic uncomfortable burning sensation when urinating, Chlamydia also causes an unusual discharge; pain and swelling in the testicles, and a fever. Epididymitis is a large side effect of Chlamydia, causing sterility in males, and affecting 250,000 men in the US every year.

Both sexes, but especially young males, can get Reiter's Syndrome from exposure to the disease. The syndrome is a form of Arthritis, and while treatable it is permanent in 1 of 3 cases.

Of course, when 2 people aren't careful, a 3rd can be born into a messy situation. Since "as many as half of all infants born to mothers with chlamydia will be born with the disease, and Chlamydia can affect infants by causing spontaneous abortion (miscarriage), premature birth, blindness, and pneumonia," extra caution needs to be upheld in serious relationships.

So remember kids, Chucko the Clown says "No Glove, No Love, 'cuz I don't know where it's been!"

Reference: "http://en.wikipedia.org/wiki/Chlamydia"

Swingline's Guide to Some of the Finer Things in Life

What do you usually do on a Friday night? I usually write articles for the Iron Warrior. But the last few weeks I've been doing something else. I found this great new thing. Well it's not really new - it's more, old. But it is great.

I've been drinking red wine, and then having sex.

With all the stresses of school and social life, this is a really great way to kick back and relax. But wait, isn't social life relaxing? Not always. Dealing with people and talking to them all night is tiring. And getting really drunk is great, but sometimes hard on the system. My solution: get somewhat drunk, and have sex. It doesn't even have to be crazy rough monkey sex. It can just be relaxing missionary position. I do suggest you coerce your roommates to leave the house - you don't want anything that might distract the passion that is going to ensue.

I recommend a Shiraz. It is a somewhat dry red wine that is a bit fruity and sweet. Yellow Tail is definitely the best way to go, but French Cross Shiraz is also very good. If you aren't into the sweetness factor so much, I recommend a Merlot. Pelee Island Cabernet Merlot is a great choice. Make sure you get designated red wine glasses; you will thank yourself. They direct the wine flow onto the best parts of your tongue. I know this sounds lame, but it's true... for some reason it just tastes better.

Anyway, onto the relaxing part. Light some candles... unless you are in rez - they aren't crazy about those. Just draw some pictures of candles I guess. Get a movie going or maybe some sexy music. I recommend "Summer Romance" by Incubus. It's a great song to make your partner's clothes fall off. You want to create the sexiest atmosphere, so practice taking a girl's bra off with one hand. Struggling with a bra is not sexy. Borrow some of your mom's or roommate's and practice doing the left-handed take off. It's all about putting your fingers in the right places, and then you basically just snap your fingers. You have to experiment. I would draw a diagram but I am too lazy. Girls, get good at trying to take off different belt buckles. Sometimes girls get stuck on that and it's okay, but a quick takeoff is pretty sexy.

Now, after drinking that lovely red wine and having a nice romantic conversation to some nice music, you're going to get pretty passionate. Down boy! (For now) You want to take it slow for a bit. It's all about the build up. Trust me, after so much of a crescendo, the climax is out of this world. Guys, you want to lightly touch girls in places like their inner arms, between the breasts, and then eventually down to the inner thigh, and then the magical place (but that's after a WHILE - be patient, teasing makes it even better). Girls, lightly touch the guys' back and chest. Wow, this article is getting really sexy... I'm going to take a short break and drink some red wine and have some sex.

All right. I don't have much more to say, but your special lady or guy friend will love it (if they love red wine and sex, that is) if you spend a nice night like this with them. Always remember - patience.

Arts & Entertainment

Life Through a Screen
(an Illustrious Illusion)

YUVRAJ GOEL
2B MECHANICAL

I find vision through a screen
Clicking through the colours of the world
Sometimes rapidly
To find the one I like

Rapid eye movement
As I scan the digital tapestry of life
Tracing every single movement
Searching for a shred I like

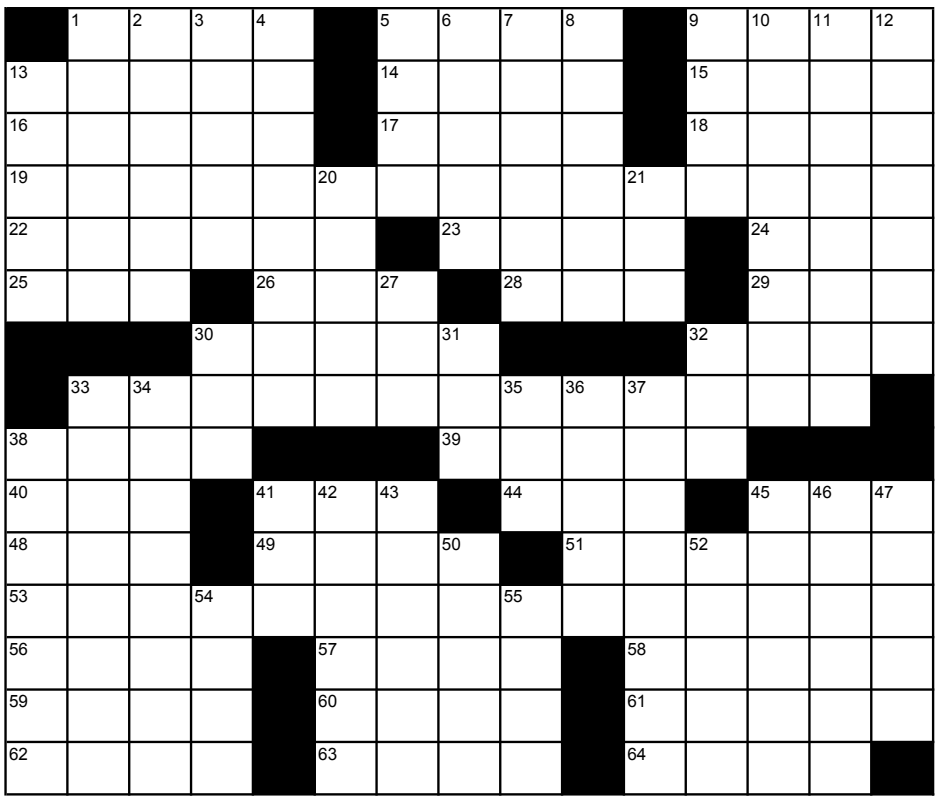
Thoughts are overrun by vision
Reality strained through crystalline molecules
A dream within a dream within a dream
Maybe a dream I like?

The universe bounded by 1024 x 768 pixels
Has all the flavours I could ever want
I believe what I see since seeing is believing
I see. I like.

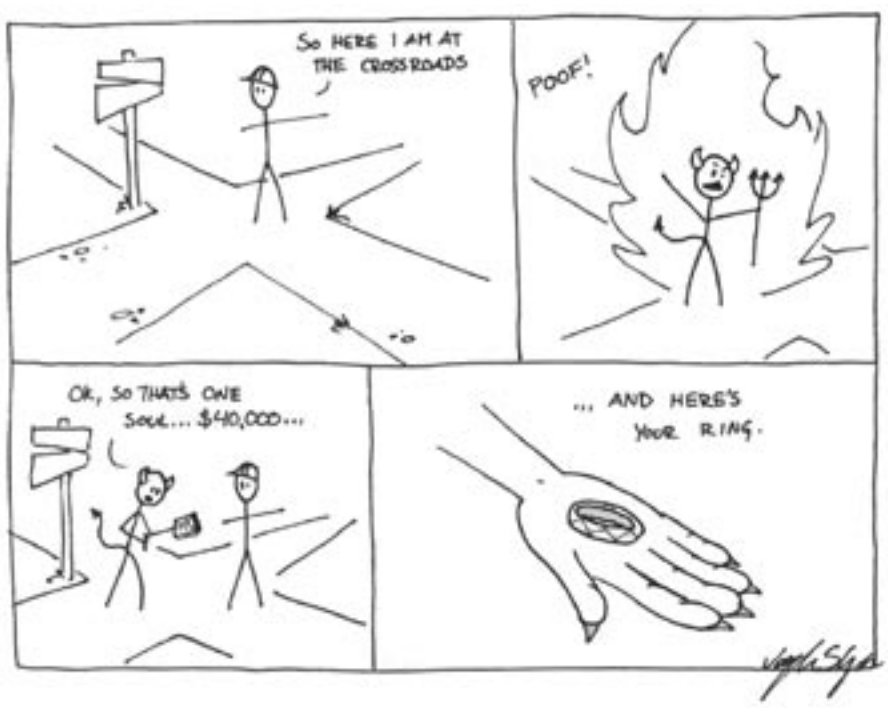
Arts & Entertainment

Crossword

MICHEAL SUE-KAM-LING
2B CHEMICAL



JACLYN SHARPE
2B MECHANICAL



Across
1. Succeed
5. Christian symbol
10. Engineers rule the world
14. Place
15. Wash
16. French matriarch
17. Jewish month
18. Tower
19. First discovered meson
20. Latin earth
22. Flow of charge
24. Engineer, for short
27. Equipment
28. Easy hairstyle
32. Small quantities
35. Large bird
36. Distribution stat.
38. Burst
40. Russian peasant
42. African antelopes
44. Box
45. Beginning
47. Annoyed (2 wds.)
49. Union agreement (2 wds.)
50. Artificial antibodies
52. Reduced, reused, _____
54. Unwritten
56. Gumbo
57. More jagged
60. Mistake
64. Abominable snowman
65. Supervillain hideouts
68. Not any
69. Change
70. Social gathering
71. Composer's work
72. Meddlesome
73. Impede
74. Exam

Down
1. Plot of ground
2. Assistant
3. Char
4. Vancouver suburb
5. Letterman's network
6. Tupac's expertise
7. Pertaining to the ear
8. Non-committal motion
9. Become enraged (2 wds.)
10. Roman kings
11. Curb or control
12. Move briskly
13. Benign encysted tumour
21. Colonial insects
23. Uncommon
25. WTO precursor
26. Dispose of (2 wds.)
28. Yucatán currency
29. Portents
30. Tend to the sick
31. Social outcast
33. Student
34. Small shovel
37. Killed the radio star
39. Stepped
41. Viciousness
43. Inhale
46. J.D.'s partner in medicine
48. Bonfire
51. Sent
53. Reversible cycle engine
55. Depart
57. Perform again
58. "Try a Little Tenderness" singer Redding
59. Métis leader
61. Lasso
62. Responsibility
63. Pause
64. Yearn
66. Genetic messenger
67. Hovel

How Ridgid are You?

CHASE GOSSELIN
1A GEOLOGICAL

Out of 8 questions: 0 - Artsie, 1 - Mathie, 2 - Frosh, 3 - upperclassmen, 4 - Graduate, 5 - Surveyor, 6 - Engineer, 7 - Godiva, 8 - TOOL

1 - The Graduate house was once known as…?
2 - The SLC was once known as…?
3 - What words were written on the rubber stamp of the Aryan Affairs Commission?
4 - What was the Rubber Stamp used for?
5 - What type of group was the Aryan Affairs Commission?
6 - What were the 1960's "Bandits" stealing?
7 - Around that time, who was the head of UW Security?
8 - What did he do to spy on the UW staff?

Sources: http://www.communications.uwaterloo.ca/history/legends; Bahman Hadji

See page 20 for answers

POETS Movie Schedule

Mon Nov 13	Tues Nov 14	Wed Nov 15	Thu Nov 16	Fri Nov 17
POETS Movie Contest 11:00 am ??? 1:00 pm ??? 3:00 pm ???	11:00 am Titus Season 1	11:00 am Breaking Away 1:00 pm Easy Rider 3:00 pm The Warriors	11:00 am James Bond Movie Marathon	11:00 am PCU 1:00 pm Blues Brothers 3:00 pm Animal House
Mon Nov 20	**Tues Nov 21**	**Wed Nov 22**	**Thu Nov 23**	**Fri Nov 24**
11:00 am Layer Cake 1:00 pm True Romance 3:00 pm Lucky Number Sleven	11:00 am Scrubs Season 3 3:00pm Soccer Match	11:00 am Eternal Sunshine of the Spotless Mind 1:00 pm Happy Accidents 3:00 pm Soccer Match	11:00 am El Mariachi 1:00 pm Desperado 3:00 pm Once Upon A Time in Mexico	11:00 am Old School 1:00 pm Wedding Crashers 3:00 pm 40-year Old Virgin
Mon Nov 27	**Tues Nov 28**	**Wed Nov 29**	**Thu Nov 30**	**Fri Dec 1**
11:00 am Shane 1:00 pm Cool Hand Luke 3:00 pm Jesus' Son	11:00 am Arrested Development Season 2	11:00 am Clockwork Orange 1:00 pm The Shining 3:00 pm 2001: A Space Odyssey	11:00 am X-Men 1:00pm X2 3:00pm X-Men: The Last Stand	11:00 am Spiderman 1:00 pm Spiderman 2 3:00 pm Batman Begins

Enginoku

HAROUT MANOUGIAN
3N ELECTRICAL

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Dandelion

ANDREW ARTHUR KAIKAI
1A NANOTECHNOLOGY

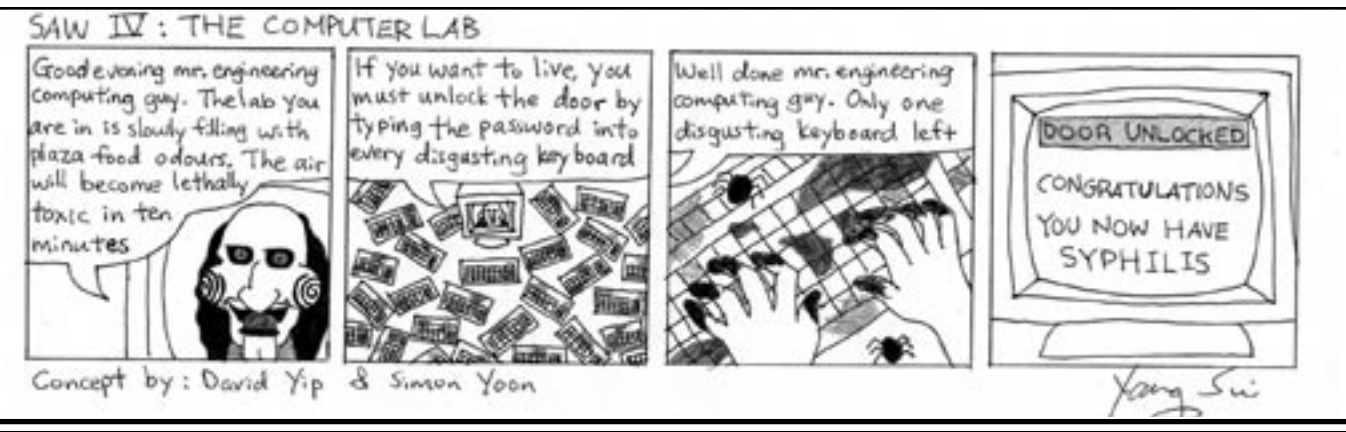
Wow, spring is here and so am I,
The winter has been good, I slept, I stretched, I grew strong, I survived
My roots reached right down and I was as warm as your blanket was,
Now I spread my leaves and my flowers are up decorating
The land, The landscape, The life, Your life
Since time immemorial.
I was here before you all, now you are trying to exterminate me.
Pollutants, Pesticides.
pulling me up heartlessly, hacking me out
Like that ladylike lady, so kind to everyone but me.
Now here comes this fatherly father with his lawnmower
I thought the death sentence was no longer here
I guess I am wrong
When the frost comes on strong
When your tulips fail
When the marigold gives up because of a little frost
When the "perennial" and the "annual" have depleted your income
When the garden is bare, I'll be there
I celebrate life, hardy, headstrong, hopeful
I shall survive no matter what.

Trivia Answers

From Page 19

(1 – The Schweitzer farmhouse)
(2 – Campus Centre)
(3 – "Rubber Stamp")
(4 – Stamping Papers, literally anything paper-like)
(5 – Anarchist/Marxist/Groucho (Marxist))
(6 – The Proceeds from Campus Copy (Graphic Services at the time))
(7 – Cookie)
(8 – Hid in the Bushes)

YUVRAJ GOEL
2B MECHANICAL



Send in your prof quotes, drawings and poems!

the Iron Inquisition

Michael Sue-Kam-Ling, 2B Chemical

If we were in a time of war, what would be your battle cry?

"Death!"

Cole Lamb, 2A Civil

"Run away!"

Hilary Lockie, 2B Chemical

"Raaaaaarrrrrraarghh!"

Anthony Iseyemi, 1A Computer

"Cow-a-bunga!"

Darryl McCumber, 2A Mechanical

"It's impossible to pronounce with a human tongue."

Andrew Cameron, 1A Systems

"Liquidus."

James des Cotes, 2B Chemical

"Oh shit…"

Caitlin Ho, 1A Mechanical

"I'm gonna get humped!"

Katie Cerar, 2B Systems