

Engineering Rugby

Guelph Engineering team goes undefeated in tournament.

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A look at the money you are paying and where it goes.

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“GUELPH ENGINEERING PUBLICATION” s n a p

Monday November 7, 2011

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Teeter Totter-a-Thon Raises Over \$3000



Engineering students take place in the 19th annual Teeter-Totter-a-Thon. The event raised \$3010.85 for Marianne's Place, a shelter in Guelph for abused women and children. Participants kept the teeter-totter going non-stop for 24 hours. Photo by Caitlin Cain

Caitlin Cain

Picture this: you wake up at 7am, after getting 45 minutes of sleep, freezing cold and on a giant wooden pole. After the obligatory "I woke up hugging wood" joke, you wipe the drool from your mouth and get on with your morning. Some might say that it is the sign of a good night. I would have to say that it is the sign that Teeter-Totter-a-Thon has once again arrived.

Once a year, engineering students from near and far gather with one purpose: to ride that blue pole. On October 6th, this was no exception. The 2011 Teeter-Totter-a-Thon began at noon on October 6th and ran until noon on October 7th. As usual, the engineering student body came, they saw, and they conquered the pole, while raising money for Marianne's Place, a local women's shelter.

But what brought on this fabulous and fun tradition you may ask? The exact origins of the blue pole have been lost through years of inaccurate storytelling and the telephone game. Some say Chuck Norris needed a toothpick and thus the pole was born. Others say it was the original support beam from the smurf mess hall... that is after their encounter with one of Rick Moranis' many failed growth machines.

We may never know for certain, but like all legends there is some truth to the matter, so here are the facts. Legend has it that the SOE's own Kim Thompson and three other engineering students helped to organise the first Teeter-Totter-a-Thon 19 years ago. At the time they decided to raise money for the Special Olympics. How the event came to be the one we all know and love today, nobody knows. We can only rely on the stuff all legends use to legitimise their claims: blurry photographic evidence.

Legend or not, one thing is for sure. At some point in time, every Guelph Engineering student has to ride the pole. It is like a rite of passage. You cannot call yourself a Guelph Engineer until you have experienced the pain, the chafing, and maybe even fallen off once or twice after consuming too much ... let's say orange juice. Here's where I must make a confession: my time was this year. Yes, until this year I was a blue pole virgin. I'm not proud, but it's the truth.

So, having no knowledge of the Teeter-Totter origins, no experience on the pole, and no clue what I was doing, you have to imagine I was pretty nervous leading up to the event. But anxiety proved to be futile because what I learned most of all is that the Engineering community DOES care. With the help of my co-organiser, Greg Duggan, the event was a huge success. Dozens of volunteers came

out to ride the pole, collect money, or have their turn heckling the crowd with the microphone. We saw engineering students, staff, and faculty come to both help and donate.

The racing team showed up with their car to lend a hand. The Engineering Peer Helpers managed to spare a couple hours on the Friday. Jason Tyska came out, grabbed a corn roast mug and gave the crowd that famous stare that turns no into yes. You know that stare ... the one you get when he asks you to help him out with something and while your mind is screaming "no way," you find yourself shocked and amazed to actually be uttering the word "yes" from your mouth. Even Kim Thompson showed up, with Timbits in hand for those overnight volunteers, ready to hop on the Teeter-Totter.

Special mention goes to the guy that actually rode the Teeter-totter for 18 and a half hours. Now that may sound easy in principle, but speaking from experience, this is no mere feat. The blue pole is not like those fancy-schmancy teeter-totters we all remember at the local park. You know, the ones with ergonomic seats? The Engineering Teeter-totter is an old hydro pole that was painted; it is in absolutely no way comfortable. So who was this god among men? Some of you may know him by his mortal name, Nelson Mendez, but his real name is now and forever shall be Balls of Steel. Incidentally, this

was the very same talented individual, mentioned above, that managed to catch a few zzz's while simultaneously riding the teeter-totter.

Another special mention goes to Jarrett De-neau who stayed all night, braving the cold and the drunks alike, to help us out. Speaking of drunks, some 2 am volunteers may have been better served at home when they became more of a liability than a help. I won't mention names here, but needless to say the local Sports guy holds the current record for knocking a total of 18 girls off of the pole. I wonder what he has against girls riding poles?

All in all, the event was one of the most successful Teeter-Totter-a-Thons in recorded history (which isn't hard since we've only been recording their history since 2007). I was overwhelmed by the generosity of the crowd and the volunteers. I am VERY proud to say that together we raised \$3010.85 for Marianne's Place. Being a townie myself, I am well aware of the good that Marianne's Place does for local women. Although not often talked about, abuse happens in Guelph. With our hard work and generosity, Marianne's Place will be able to continue helping local women and children escape abuse.

That's something we can all be proud of!

Oktoberfest

Prosit. Wir haben eine gute Zeit!

Josh Bradfordington

On October 13th, Guelph engineers filled a bus and headed to Bingeman's for Guelph Engineering's annual Oktoberfest event. The Kitchener Oktoberfest is the largest Bavarian festival in North America, and the nine day event attracts approximately one million visitors each year.

Aside from some a-hole who complained about singing engineering songs on the bus ride there and back, all the event participants had a great time drinking beer, eating, and dancing to classic polka music.

As a new student to the engineering population, I didn't understand why all the upper-years had been ranting and raving about Oktoberfest, but now I know. It was the sausages.

There were so many sausages at the event,

you could literally call it a sausage-fest. There were little sausages, big sausages and spicy sausages. I even saw two girls eating one sausage at the same time.

Since the event took place on student night, engineering students from McMaster and other local schools were also in attendance.

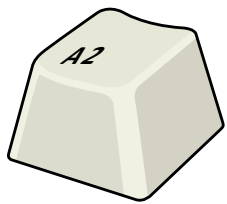
Rumour has it that the red-suits, as per usual, applied some tattoos to places on one Guelph Engineering first-year that are better off unmentioned.

If you didn't make it out for Oktoberfest, you will not understand what you have missed. But that being said, I have also heard unreal things about "Brunny."

The upper-years have told me that what happens at the Brunswick House will get talked about all year, so I hope to see you all there.



Oktoberfest at Bingeman's this year was fun for all who attended. Kristina Kuffel (above) has a little too much fun. Photo by Zoey Zimmer



Engineering Rugby Team Undefeated

Guelph Continues to Dominate over all Other Engineering Schools



The Guelph Engineering Rugby Team celebrates going undefeated in the 2011 Ontario Engineering Rugby Tournament. Photo by Kristina Kuffel

Beyond Books and Bars

World News

Jordan Banbury

7 Billion People

It's official, the planet is now home to 7 billion people. How did we get here? The major growth started around the year 1804 where roughly 1 billion people inhabited the earth. Over the next 207 years, 6 billion more people were added on. Medicine, agriculture and living conditions had improved to a level which led to a higher life expectancy for children, therefore increasing the population.

Much of the growth has taken place in Asia, specifically India and China. However, as the two countries are becoming wealthier and more populous, the growth rate is slowing. Now the largest growth centres are those of sub-Saharan Africa.

Due to the region's extreme poverty, infant mortality rates are high and access to family planning is low, resulting in a high birth rate and an increase in population.

The U.N. forecasts that the world population could peak around 10.1 billion people before

2100 where the growth rate is expected to level off.

While the estimate is 7 billion people, we don't know exactly. We may have already passed 7 billion 6 months ago, or will pass the threshold in 6 months.

Russia be Trippen

In other news Russia, remains in summertime. Russia has not adjusted their clocks after President Medvedev decided the country would stay permanently on summertime.

Will this help Russia with the cold of winter? This remains to be seen, however in this reporter's opinion: No.

This time change means that mornings in winter will be darker longer but there will be more daylight in the afternoons. This change will adversely affect Russian businesses that will have to deal with this extra complication this fall.

Beaver or Bear

Recently a Canadian Senator has begun a campaign to replace the Beaver with a Polar Bear as Canada's national emblem. The Senator is quoted as calling the Beaver "a dentally defective rat."

The senator Nicole Eaton delivered her criticism of the Beaver in a recent Senate meeting where she noted that beavers routinely wreak havoc on her dock at the waterfront of her cottage every summer. Clearly Nicole Eaton has never been chased down Main Street by a

polar bear. Perhaps then she may be willing to reconsider her request.

It is not the place for this reporter to say whether the persevering, magnificent, in-

dustrious Beaver should be replaced by the formidable, flesh-hungry Polar Bear, but perhaps Mrs. Eaton had better see each side of the animals in order to come to an informed decision. (I mean would a beaver eat a baby?)

Movember

Quick Tips to Grow your Best "Mo" Yet!

Cody Kupferschmidt

Are you thinking about participating in Movember this year? Growing facial hair can be a rewarding experience, but is not without its challenges. If you have slow growing facial hair, are naturally blonde, or your hair grows in patches, don't fear - there is still hope as long as you follow the tips below.

Dying the "mo" can be a great way to show off your facial hair, but must be done carefully. When selecting a colour, choose a maximum of one shade darker than your real hair colour. This means that if you have light brown hair, dying your facial hair black will leave you looking like a serial rapist. Instead, opt for the lighter "chestnut brown" colour.

When applying the dye to your moustache, follow the directions on the package. If it says to only leave it on for ten minutes before rinsing it off, follow the directions. Leaving it on for longer will result in your upper lip being stained the colour of the dye you selected and giving the impression of poor personal hy-

giene. Alternatively, if your moustache has a few gaps, this can be a great way to make it look better from afar.

If you do choose to dye your moustache, be sure to reapply several times a week, otherwise any hair growth you experience will result in two-toned facial hair. I have learned from experience that while women love to support Movember, they are generally not a fan of the two-tone.

If you are worried that you are unable to grow a moustache, suck it up this month and go for it anyways. If it really is that bad, people will not even be able to tell you are trying, so there is no harm in giving it your best. Besides, what girl does not like a compassionate man who makes a personal sacrifice to help better the lives of men worldwide.

Whatever your moustache decision this November, be sure to go to: www.movember.com and register as a member of the Guelph Engineering Movember team!

The Alarming Rise of Engcest

Are Limited Workspaces and Close Study Quarters Leading to New Relationships?

Emily MacKay and Steven Merrick

Over the past few years, there has been an alarming rise of 'Engcest' amongst Guelph engineering students. Some believe that this recent rise is a result of the ongoing construction as part of the engineering expansion. Limited workspace and close study quarters have been bringing people closer and closer together. The sexual tension builds until, "Whammy!" You know what happens next.

If you don't already know what Engcest is, you have to realize it's all around you. It's the act of one engineering student dating another engineering student. If you're still confused, just take a gander around Thornborough and look for the signs. The level of Engcest can vary, from making out in the lab to a quick wink in the hall. Some have not come to terms with their true feelings and may at first be timid. But in the end, having an Engcestual partner has its benefits.

There are many pros to dating an engineer. Snagging some smooches when you get back that midterm you thought you got 100% on, but actually failed. Knowing how stressful 6 midterms in 5 days can be. Always having a study buddy and simply being able to ask your significant other for help with your school work.

Engineering students looking for a partner should be warned that Engcest also has its complications. There may be an unfortunate time where the two of you drift apart. Drifting apart physically, however, can be difficult when you end up seeing your ExEng in your classes or walking down the hallway every

day. There will be that quick glance followed by shuffling of papers or checking the time.

But the reward is often worth the risk because who wants to date an arts student ... or worse, an Aggie.

Engcest [enj-sest]
noun
1. Sexual relations between two engineers.

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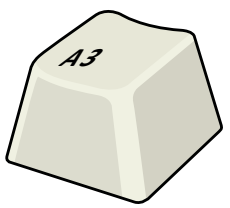
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Serious Crafting

Engineering DIY is on the Rise

Carly Friesen

Last year, I wrote an article attempting to explain how sewing quilts is something most engineers would actually enjoy doing. Despite the fact that probably only a few people actually read it and that it was poorly written, I think I may have been correct to some extent. As it turns out there has been a large increase in the number of crafters in the engineering world.

Okay, so they might not all be quilters, but there are definitely a lot of knitters, crafters and even some sewers popping up. As I attempted to explain in my previous article, the connection between crafting and engineering does make a lot of sense. Both sewing and knitting require a lot of planning, and math if you are going to make anything that looks good.

This year's Halloween was a great example of the DIY (do-it-yourself) crafting movement becoming popular among the engineers. There were all kinds of handmade costumes on display; from a collection of hand sewn Sasquatch costumes, to a reinvented Pocahontas dress, the homemade costumes were impressive! Another sighting of a crafty en-

gineer was of a fellow student who recently picked up knitting and made herself a very impressive cable knit scarf (for those of you who may not know what that is, google it, you will be impressed).

If you are interested in the idea of crafting and DIY, don't let yourself be limited by the few ideas I have mentioned here. There are many different ways to create and get involved in the DIY movement. If sewing or knitting isn't your thing, maybe woodworking, or stamp carving is. The possibilities are endless in the crafting world and although it may include some basic math it can be a great break from the stress of school work.

For those of you that are still reading, great call, I can tell you are a crafter.

Keep an eye out in the engineering announcements for details about an upcoming Engineering Craft Night!



Above: Engineering students pose in their homemade Ewok, Bigfoot and Yeti Halloween costumes. Photo by Emily MacKay

Peer Beer Review

Black and Tan vs. The Hurricane

Jordan Banbury and Jessica Morris

Sometimes the demands of schoolwork can drive you to the bar, and when you are in a study-induced stupor, you had better know what is tasty to turn that frown upside down. And so it is under this pretext which we got an excuse to go out and throw back a few in the name of "research." First the Black Velvet, a drink chosen from the male perspective, and later, the Hurricane chosen from the female perspective.

The Black Velvet

A Man's Thoughts

The Black Velvet; a mysterious and enticing drink which has earned its name, being as smooth as velvet and as black as Guinness. This beverage is a layered mix of dark Guinness on top with a layer of Strongbow cider beer on the bottom. The Guinness is poured very slowly over a spoon into a half pint of Strongbow; this ensures that the separation is visible.

In order to achieve the full effect of the brew, you must take healthy swigs to be able to taste the bitter of the Guinness against the sweet cider. Small girly sips will result in only Guinness and no Strongbow until all the Guinness is gone. The flavour of the two drinks combined yields a tasty concoction sure to please any palette. First with the blunt taste of the bitter Guinness with the delightful velvety texture and then followed by the sweet, crisp, dry taste of the Strongbow.

Overall the Black Velvet is definitely worth the trip and I absolutely recommend it.

A Woman's Thoughts

I do very much like Strongbow and would recommend it to any girl looking to try beer for the first time. Guinness, on the other hand, is not my favourite but this mixture plays with the dark heavy nature of Guinness and the light crispness of the Strongbow and is rather enjoyable. More than anything this "beer cocktail" is a conversation piece or for those looking to try something new. Wholeheartedly recommended to everyone that enjoys beer.

The Hurricane

A Woman's Thoughts

The hurricane made its debut in a little tavern in New Orleans. The tavern, called Pat O'Brien's (named after the owner) opened its doors December 3, 1933, and for you history buffs, yes that is exactly 2 days before the end of Prohibition in the United States. Apparently after prohibition every Dick, John and Harry thought they could brew up some alcohol. Distributors were strapped with both very good and very bad alcohol to supply to the masses. Rum became one of the alcohols they that had an abundant supply of. In the 1940s liquor wholesalers forced the bar owners to order at least 50 cases of rum along with whatever other alcohol they wanted.

So Mr. O'Brien had to start being creative to get rid of all this extra rum. Solution? A drink with lots of rum, a few cheap juices, and a few more kinds of rum. Seriously, the first version of this drink was probably just a rum bottle with an orange slice in it. The drink re-

ally caught on and has become a staple at Pat O'Brien's in the French Quarter and the bar still exists today. Now you can buy Hurricane mix and Hurricane rum at many New Orleans liquor stores.

Another bit of heritage; the Hurricane got its name from the hurricane glass that it is served in, which looks more like a vase or lamp. Although the glass shape is the original origin of the name I have heard the name to be explained to be because it rocks you like a hurricane or better yet, the destruction that it leaves behind is similar to that of a tropical storm, but that one hits a little too close to home for New Orleans.

The drink itself is actually a very close cousin to the daiquiri. It has a similar sweet flavour, contains orange juice and passion fruit juice, but the red colour and the strong sweet taste comes from the combination of the grenadine and the simple sugar instead of the strawberries in a daiquiri. This drink definitely gets the classification of Killer Kool-Aid. This means that its tastes great but will definitely give you a buzz, is a 50/50 mix of rum, but tastes like juice. Beautiful. The great thing about this drink is that it doesn't sound girly. I hate going to the bar after dinner with friends and not wanting a beer but not wanting to order a "white freezie" or a "porn star," those are drinks are for after midnight. The drink's limited femininity means that a guy could drink it as well, just ask for it in a flat bottomed glass, don't use the straw, and you're good.

A Man's Thoughts

The hurricane is a deceptive drink, it uses its feminine-like whiles to entice you into taste, however, once it has you it is hard to stop. Beware all who attempt this drink, it may look innocent and delicious but don't be fooled, it is a cruel mistress. The name isn't girly but it looks fu#@!n& girly, looks like pink drank. That said, this drink is hard as fu#@ and will get you dickered.

Ingredients:

- 2 oz light rum
- 2 oz dark rum
- 2 oz passion fruit juice
- 1 oz orange juice
- juice of a half a lime
- 1 Tbsp simple syrup
- 1 Tbsp grenadine
- orange slice and cherry for garnish

Preparation:

1. Squeeze juice from half a lime into shaker over ice.
2. Pour the remaining ingredients into the cocktail shaker.
3. Shake well.
4. Strain into a hurricane glass.
5. Garnish with a cherry and an orange slice



Drinks are always better with friends (or fruit). The Hurricane (left) and the Black Velvet (right) were sampled for this month's Peer Beer Review.

Food Review

The Best Curry in Town

Amanda McKay

Although Guelph may not be the most diverse city on the map, it does offer many places to satisfy your curry cravings. With a country population of well over a billion it is no wonder that India has figured out the secrets of cooking and creating mixtures of spices we would never dream of. Indian food is diverse and many of the ingredients depend on religious beliefs and are based on which region of the country you are in. The majority of Indian food is vegetarian and mainly consists of whatever is cheap and in season.

The Indian style primarily served in Guelph is from the Punjab region and has dishes consisting of butter, cream, naan and meat. But which one serves up the best Indian in town!? After talking to a few people, the conclusion is ... that it all depends on preference. So here is a short description of each place in the Guelph region for you to go out and try yourself!

Diana's Downtown

A little more upscale, has some great curry dishes, but also serves your continental standards if you go with someone who is not into ethnic tastes. They have a great traditional Thali which is served TV-tray style and gives a mix of everything.

Spice 11

Offers student discounts and has very good Chicken Dansak, a sweet and spicy pineapple dish, as well as "the best lamb korma in town." They also boast being the only place that traditionally bakes their own naan.

Bollywood Bistro (My favourite!)

Pure Indian cuisine, you will surely not be disappointed. Start with an order of homemade chai tea and appetizers of samosas or pakoras. One of the best things to share is the \$30 tandoori platter which gives four samples of 4 types of tandoori as well as dal and naan. You also can't go wrong with the House Special.

Pennywhistle

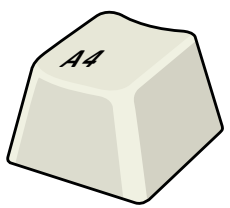
A great local pub that has all you can eat curry buffet on Thursdays. The butter chicken sauce is so good that it can even be ordered as a side sauce for French fries!

Diwa

Also a more upscale place, in the west end of town. This place on the corner of Speedvale and the Hanlon serves up some of the best Saag Paneer and Chana Masala around.

Bombay Café

Located right beside the Beer Store on Edinburgh, it has an excellent lunch special under \$10 which serves a combination of meat and vegetable dishes with rice, naan, and dessert to boot!



Where is your Money Going?

We're Talking about Student Fees, Not the \$40 you Dropped at Dirty Traps

Victor Do

You probably don't give a lot of thought to where the money you pay for tuition is going. Have you ever gone to webadvisor and opened up your account summary to display the account details? You should try it sometime. Anyways, I have had this little project going on for a while and it is finally time to reveal it now that I have enough data. Over the course of my four years of going to this school I tracked the money that I have been paying out of my pocket and seeing where it goes in terms of clubs, services, etc. The results are quite shocking if you take a look at the tables and compare them. I did not show everything because it would take up too much room but if you want the bigger picture just drop me a message and I'll send you the excel spreadsheet: vdo@uoguelph.ca

I colour coded certain fees because they stood out to me such as Carousel and Peak, very vague names. Honestly, WTF are those and why are we paying them money? I did a search on the school's website and apparently Carousel is a magazine and Peak is something really random and now defunct. It is shocking how much money we're paying every single semester to the athletic department and how many of us actually use their facilities. It is bad enough that we have to pay to get a gym membership AND pay building fees. Compared to Fall 2008, I have paid them at least \$20 more today than I did back then. It is understandable that they need money to fund the new athletic building they want to build but it is sad that most of us will have graduated by the time it is open. I am not going to even argue about raising tuition fees because it is inevitable. I think we take it for granted

how we pay among the lowest tuition fees for an engineering program, but remember, you get what you pay for.

Think back to the time (first years can ignore this) when we had a huge referendum about whether our school should leave the Canadian Federation of Students and we voted to leave them? Yeah, those annoying people that came into our lectures and took up 10 minutes of class time trying us to convince us to stay with them. For some odd reason we are still paying these suckers ever since Winter 2010. Every semester, we are each paying them about \$8, multiply that by the number of undergrads and that's a heck of a lot of money going to something that barely any of us support.

Winter 2010 was also an interesting time

because we started paying out about \$20 to some new organizations, such as the CFS, Peak, Student Volunteer Connections Undergraduate, Entertainment/Media Fee, Global Vets, and the good old Ontarion. Also if you have not noticed, we are paying on average about \$135 more each semester to our tuition, athletic buildings, clubs, and it looks like it is going up around \$5 each year. I did not believe it at first but the spreadsheet does not lie.

I might sound like a cheap bitter asshole in this article but when it comes to money and you are a starving student (literally, have you seen me) it is nice to get every dollar you can potentially save. Then again if you know me, I do couponing when I go to the supermarket ... yeah.

F10	Paid	F10 - F09 fees	% increase
Affordable Housing	\$0.99		
Aboriginal Student Association	\$0.29		
Athletic Building Fee	\$39.14	\$1.14	3.00
Athletic Fee	\$90.68	\$3.49	4.00
Bus Pass Fee - Undergraduate	\$82.15	\$20.52	33.90
Thecannon	\$1.16		
Carousel	\$0.50		
Engineering Society	\$10.45	\$0.04	0.38
Engineer Equipment Fund	\$40.00		
Engineers Without Borders	\$0.27		
Food Bank	\$1.54	\$0.01	0.65
First Response Team	\$1.01		
Guelph Student Assistance Prgrm	\$3.48	\$0.01	0.29
G-Oping Fee--Undergraduate	\$6.08	\$0.02	0.33
Guelph Queer Equality	\$0.29		
G.S.E.C.	\$0.15		
Global Youth Network	\$0.09		
Habitat for Humanity	\$0.29		
International Student Org.	\$0.57		
Medical Insurance Premium	\$112.00	-\$7.00	-5.88
Munford, Cj Centre	\$0.25		
Off-Campus University Students	\$0.50		
Outline	\$0.40		
Oxlam	\$0.27		
Phy & Engineering Gvt.	\$9.00		
Radio Gryphon--Undergrad.	\$6.63	\$0.03	0.45
Critical Knowledge Collective	\$0.12		
Sign Club	\$0.29		
Student Services Undergrad	\$51.15	\$1.57	3.17
Student Energy Retrofit	\$10.45	\$0.04	0.38
Student Health Service Fee	\$24.00	\$0.10	0.42
Tuition Undergrad Cdn	\$3,095.00	\$119.00	4.00
University Centre Fee	\$12.96	\$0.24	1.89
Central Student Assoc.	\$14.66	\$0.06	0.41
Guelph Res. Centre for Gender	\$2.87	\$0.01	0.35
W.U.S.C.	\$1.15		
Vagina Monologues	\$0.20		
Bus-Late Night Service, U/G	\$7.46	-\$1.14	-13.26
Cdn Federation of Students	\$3.99	\$0.02	0.50
Cdn. Feder. Students-Ontario	\$3.31	\$0.01	0.30
Ontarion	\$2.69	\$0.01	0.37
Peak	\$1.40	\$0.01	0.72
Stu. Volunteer Connections U/G	\$1.44	\$0.01	0.70
Entertainment/Media Fee	\$5.55	\$0.02	0.36
Global Vets	\$0.27		
		\$138.22	

F11	Paid	F11-F10/W11	% increase
Affordable Housing	\$1.01	\$0.02	
Aboriginal Student Association	\$0.30	\$0.01	
Athletic Building Fee	\$40.31	\$1.17	2.99
Athletic Fee	\$94.31	\$3.63	4.00
Bus Pass Fee - Undergraduate	\$86.15	\$2.00	2.38
Thecannon	\$1.19	\$0.03	
Carousel	\$0.50	\$0.00	
Engineering Society	\$10.71	\$0.26	
Engineer Equipment Fund	\$40.00	\$0.00	
Engineers Without Borders	\$0.28	\$0.01	
Food Bank	\$1.58	\$0.04	
First Response Team	\$1.01	\$0.00	
Guelph Student Assistance Prgrm	\$3.57	\$0.09	
G-Oping Fee--Undergraduate	\$6.23	\$0.15	
Guelph Queer Equality	\$0.30	\$0.01	
G.S.E.C.	\$0.15	\$0.00	
Global Youth Network	\$0.09	\$0.00	
Habitat for Humanity	\$0.29	\$0.00	
International Student Org.	\$0.58	\$0.01	
Medical Insurance Premium	\$121.00	\$9.00	
Munford, Cj Centre	\$0.25	\$0.00	
Off-Campus University Students	\$0.50	\$0.00	
Outline	\$0.40	\$0.00	
Oxlam	\$0.28	\$0.01	
Phy & Engineering Gvt.	\$9.00	\$0.00	
Radio Gryphon--Undergrad.	\$6.79	\$0.16	
Critical Knowledge Collective	\$0.12	\$0.00	
Sign Club	\$0.30	\$0.01	
Student Services Undergrad	\$52.42	\$1.27	
Student Energy Retrofit	\$10.71	\$0.26	
Student Health Service Fee	\$24.60	\$0.60	
Tuition Undergrad Cdn	\$3,218.00	\$123.00	
University Centre Fee	\$13.28	\$0.32	
Central Student Assoc.	\$16.45	\$1.79	
Guelph Res. Centre for Gender	\$2.94	\$0.07	
W.U.S.C.	\$1.86	\$0.71	
Vagina Monologues	\$0.21	\$0.01	
Bus-Late Night Service, U/G	\$7.65	\$0.19	
Cdn Federation of Students	\$3.99	\$0.00	
Cdn. Feder. Students-Ontario	\$3.31	\$0.00	
Ontarion	\$2.76	\$0.07	
Peak	\$1.44	\$0.04	
Stu. Volunteer Connections U/G	\$1.48	\$0.04	
Entertainment/Media Fee	\$5.69	\$0.14	
Global Vets	\$0.27	\$0.00	
		\$145.12	

Peer Helpers

Advice for the Second Half of the Term

The Engineering Peer Helpers

For most of us, this is the time of year when we kick up our feet and celebrate the glorious end to midterm season! So, you've finished a few late nights of celebration, and now it is time to look ahead. What should you be thinking about?

1) How did you feel after writing each midterm?

Triumph? Despair? A bit in between? Many times, this is a good indication of your comfort level with the course. Take lessons from these feelings. Commit more time to classes where midterms were rough. Use your TAs, catch up on readings, and get yourself in a good study environment more often (maybe the Engineering Peer Helper sessions?).

2) How's your time management?

Let's be serious - we've all been there. Procrastinating on Reddit for hours on end, watching episode after episode of Breaking

Bad, just dreading the start of work. The second half of the term is no easier than the first, and it is never too late to organize your time. Here are three things you can do:

i) Try to avoid distractions when studying (cell phones, Facebook, etc.)

ii) Break assignments and studying in a manageable pieces. No one likes all nighters, and often times they are avoidable.

iii) Keep (and use!) an agenda - one of the best things you can do for yourself.

3) Hit big marks in the second half of the term!

Midterms are big, but they're typically not the be all and end all. Exams are big too, as well as final projects. Learn from bad midterm marks, and use them as motivation to kick butt on your final reports and exams.

Best of luck in the second half of the term! Come out and talk to us for more helpful resources and study strategies.

Construction Update

Phase Two is Now Underway

Maddie Craig

As many of you have probably noticed, Phase 1 of the Engineering Complex renovations is almost complete and Phase 2 is now underway.

For those who are new to the school or for those who never leave the computer lab, the buildings occupied by The School of Engineering are undergoing expansions and renovations. Overall, construction is taking 3 buildings, the Richard's Building (circa 1950), the Thornbrough Building (1970) and the Teeple expansions (2000) and converting them into the "Engineering Complex." Renovations intend to smoothly merge the three buildings externally and internally, an idea which you can already see coming to life through the Engineer's Highway (the long hall that connects all the way from the north side of the new tower to the south end of Thornbrough). Pre-construction, the School of Engineering occupied 8 800m2, but after project completion, engineering space will more than double to approximately 18 310 m2.

Currently, final touches are being added to Phase 1, which includes the new tower in the north-west section of the building and the Engineering Highway. This should be done already, however, due to some drainage issues, landscaping (such as exterior lighting and stairways) will be completed by the end of November. Swipe card access should also be coming soon. Soft landscaping, such as trees and shrubs will be planted in the spring. The reception area is the final part of the building to be finished, but it's been delayed until early 2012 as the construction company has changed their mind on the way they want the area to look.

Phase 2 involves renovating the Richards building and expanding further on the Thornbrough building. The first stage of the process is hoarding, which is the fencing that is enveloping the east and west side of the building. Shortly, the abatement of asbestos will start, but don't worry, no one was

at risk while studying away into the middle of the night in the old Thornbrough building as the asbestos was enclosed in the wall. After removal of asbestos, demolition of interiors will start which will be loud and dirty; however, the construction company plans to work with physical resources in order to minimize the noise. Finally, renovation of existing structure will finish the project.

These renovations intend to take the old windows along the west side of the Thornbrough, from the front elevator bank and south and "bump" them out 5m (16ft) towards the bus loop. This space is proposed to be a student lounge, a variety of computer facilities which include Wi-Fi seats and desktops, and a much needed coffee shop. The bump out north of the elevators to Thrn 1200 will include 4 more design studios, similar to the ones already in use off the new tutorial room, and graduate teaching space. And to be appreciated by many of the female engineers, much improved washroom facilities are to be built. It is also planned that the new facilities will include showers, for those who ride their bikes to school, or perhaps those working on design projects overnight. The existing ground floor of the Thornbrough building (including the old lounge and old machine shop), will be state of the art wet-labs for the environmental, water resources, biomedical and biological programs. The 2nd and 3rd floors of the building are going to be graduate student suites (maybe I should do a master's here...).

The Richard's building is basically going to be considered a "dry space", with an electrical, robotics, and mechatronics lab, research space for mechanical students, a new faculty boardroom, faculty offices, a new 200 seat lecture hall, a renovated 120 seat lecture hall, electronic digital design space and CAD computer space.

It is planned that overall construction will be finished by the end of 2012, but make sure to read the March and April issue of O'Snap for updates. Also, for those interested, engineering design plans are posted on the EngSoc website.



Above: Our kick-ass race car. Photo courtesy of Gryphon Racing

Gryphon Racing

Zero to 60 in Under Four Seconds!

Mickey Brydges

Gryphon Racing (ugracing@uog) is a student run club at the U of G that was started in 2003 to compete in Formula SAE (a student design competition organized by the Society of Automotive Engineers). Gryphon Racing competes at FSAE Michigan, Formula North and the Toronto Shootout. Since Gryphon Racing's inception in 2003, the team has been continuously evolving and striving for innovation. In 2004, Gryphon Racing entered FSAE Michigan with the competition's first ever all-wheel drive car, which took 2nd place in Canada, 17th worldwide. Gryphon Racing is now trying to expand on this success with the use of renewable materials in the 2011 car (and who doesn't want a car that can be used as fertilizer!).

The 2011 Toronto Shootout was October 1st at Mosport, where we managed to run the 31st single driver time of 84.27. There were 67 drivers with lap times from 69.22 to 121.6; we will consider it a success for the team. This was the last event for the year.

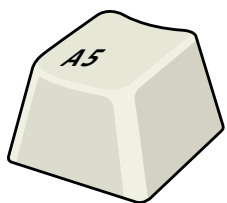
Gryphon Racing is always looking for new enthusiastic members, so contact us if you are interested. Come out and join the fastest club on campus. Our car weighs 500lb and has 50Hp. This gives us a 0-60 time of under 4 seconds, with a top speed of 275Km/h (not verified).

WARNING: This team is not for the faint hearted ... We go faster than the Aggies on their tractors! Farmers may feed cities, but engineers build them!

Pizza for Pictures

Do you have photos that you think are O'Snap worthy?

Submit your photos to publications@guelpengsoc.com and if your photos are selected for future issue, you will get a free slice of pizza at pizza day!



Horoscopes

See what the Stars will Bring your Fortune for the Month of November

Aries
Coming out of October, the playful Mars is entering your sign and with it a much needed relief from your stresses. With worries set aside, Mars will let your playful nature can come out again. Be prepared for a month of stimulating physical experiences. You will be tempted to give into your most base temptations and you should do it because there will be absolutely no consequences what-so-ever.

Taurus
November will bring with it a time of confusion. Very little of what people do or say will make much sense to you. Whenever possible you should avoid answering people's questions because there is a very good chance you will embarrass yourself. On the plus side, the rhythm will flow through you this month so rather than

talking, try interpretive dance.

Gemini
A strong desire to travel will fill your heart this month. It will be important to determine what it is that is driving you to a different location. Are you running towards something new or away from something old? On the 12th expect to have a heart to heart conversation with yourself in a mirror and on the 20th, your own bed will not be what you wake up in.

Cancer
November will bring with it a time of quiet inner reflection. You will begin to become convinced that every Death Cab For Cutie song was written about you and you will find a great appreciation for everything ironic. Your friends might think you are acting like a douche but it is only because

they are too main-stream to see the big picture.

Leo
Charisma flows through you. Much of what you do this month will be perceived as flirtatious even when it isn't. Now is the time to finally make a move on the special someone in your life because you cannot fail. For the single Leo's, this month would be a perfect time to try the ridiculous pick-up lines you never thought would work.

Virgo
Helpful Saturn has been lingering in your sign since mid-October and will remain with you until the end of the month. You will have noticed luck to be on your side recently because of Saturn's influence. Your good fortune will hit a peak on the 16th so try to move all important events to that date. It would be completely reasonable to gamble all of your worldly possessions on a coin toss if the opportunity presents itself.

Libra
Money has been a constant concern for you but that is all about to change this November. By mid-month you can expect a windfall of cash to find its way into your hands. Put your money in a stock which uses your initials and the pay-off will be substantial.

Scorpio
The weight of the world has been keeping you down and things won't lighten up right away. By the 18th, you can expect to feel drunk and on the 19th, hung-over. After this, however, life will keep kicking you when you are down. It would be better not

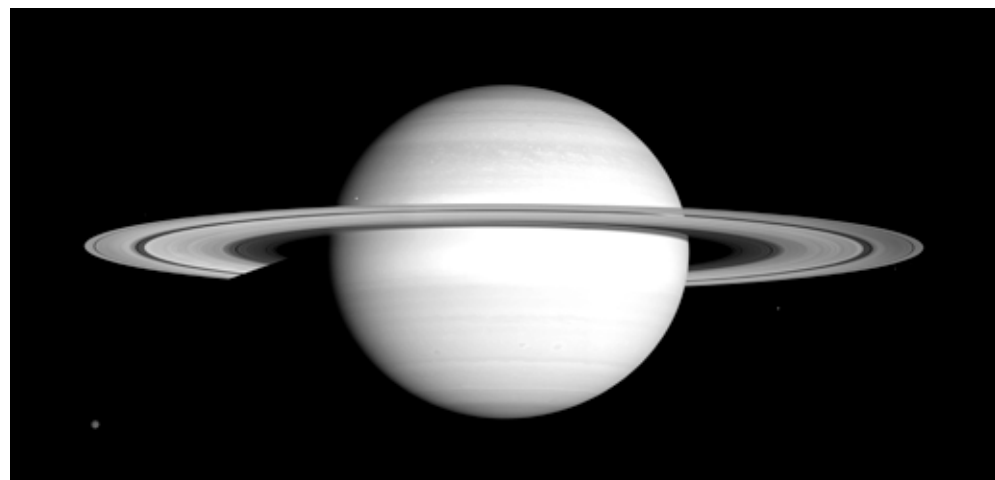
to get out of bed this month.

Sagittarius
Mercury crosses your sign for the first part of November and with it, your popularity will soar. People will line up to massage your feet, feed you grapes, and do your bidding. Be kind to your legion of minions because on the 17th Mercury will leave your sign and bring back the crushing realization that you are entirely normal.

Capricorn
Love matters will be at the forefront this month. November will be filled with animated public gestures, and enough drama to put Gossip Girl to shame. On the 9th you will have to make a decision about your current love life. Whatever you choose, you will scuff your knee on the 22nd so try really hard not to cry in front of your friends.

Aquarius
November will prove to be a most relaxing month. You will become re-immersed in your social life only to find that you have been gone so long you barely know what is happening any more. Your quick wit and straight faced lies will help you through the awkward period while you catch up with everyone you've been neglecting the past few months. Not to fear, all of your friends will still be there for you when you need them on the 28th.

Pisces
Problems will seem to solve themselves this November. Your kindness will pay dividends and you can expect favours to be repaid by even the most selfish of your acquaintances. Lay back and enjoy it.



Virgo - Helpful Saturn has been lingering in your sign since mid-October and will remain with you until the end of the month. NASA image of Saturn taken by Cassini Orbiter.

Dear Bunsen

Do you have a question that you want answered but are too afraid to ask? Send it to our good friend Bunsen and he'll give you a response. Bunsen is rich in life experience and says it like it is. You may not like the response you get, but often in life it's better to hear the truth than go on living a lie.

Send any questions you need answered to publications@guelphengsoc.com with the subject: Dear Bunsen

NEW: ask on twitter @DearBunsen

@DearBunsen,

There is this super cute girl named maddie craig beside me who smells of chocolate and strawberries. How should I make my move?

- @alguirea

Dear @alguirea,

She'd never go for a guy like you. Comb your hair and tuck in your shirt, you slob. Your grandmother would be ashamed.

Sincerely,

Bunsen



@DearBunsen,

I want drunk food, what do you suggest?

- @mteep

Dear @mteep,

don't waste your money buying drunk food. Dumpster diving can save you some serious cash and it's always a surprise.

Sincerely,

Bunsen



Hey @DearBunsen,

what do you have to say to the people that reply to the class list serv and make that mistake time and time again?

- @DoTheVictor

Dear @DoTheVictor,

I hate those a-holes that reply to the list serve. Actions speak louder than words, so go egg their houses.

Sincerely,



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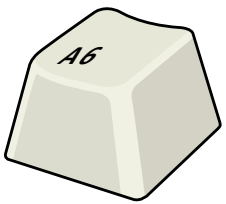
Francis Knowles

FREE PIZZA FOR CONTRIBUTORS

I WANT YOU TO CONTRIBUTE TO O'SNAP

NOV 24 & DEC 1, FROM 6:30 - 7:30 PM

MEET IN THE NEW LOUNGE



Out of Context Quotes

I really want you to see the side of my butt. -Alexis

It doesn't stay up because it's cold. -Emily Mackay

Adding length doesn't always do exactly what you'd hope. -Stiver

Amanda, did you see that pathetic thing I put in your box? -Jamie Cunningham

Got to get up on your girl guides -Sean Chilibeck

We got about halfway through and then we left Greg to finish it and he couldn't -Someone on council

Mine is really big too! -Michelle Teepell

You just feel a lot of balls. -Stiver

I'm going to keep pounding this into you guys. -Bradford

In-Context Quotes

So I wake up, and in the bed beside me, there's this dude... -Josh Collyer

Grid of numbers: 1, 5, 3, 2, 8, 6, 2, 1, 7, 8, 8, 3, 2, 5, 4, 9, 7, 5, 2, 5, 8, 6, 2, 1, 1, 9, 3, 4

What's Hot

November

What's Not

No rep on council for the third years.

Want to win a free slice of pizza at pizza day? Fill in the speech bubble below and drop off your submission at the EngSoc office by the end of the month for your chance to win.

PAST WINNER

CURRENT COMPETITION

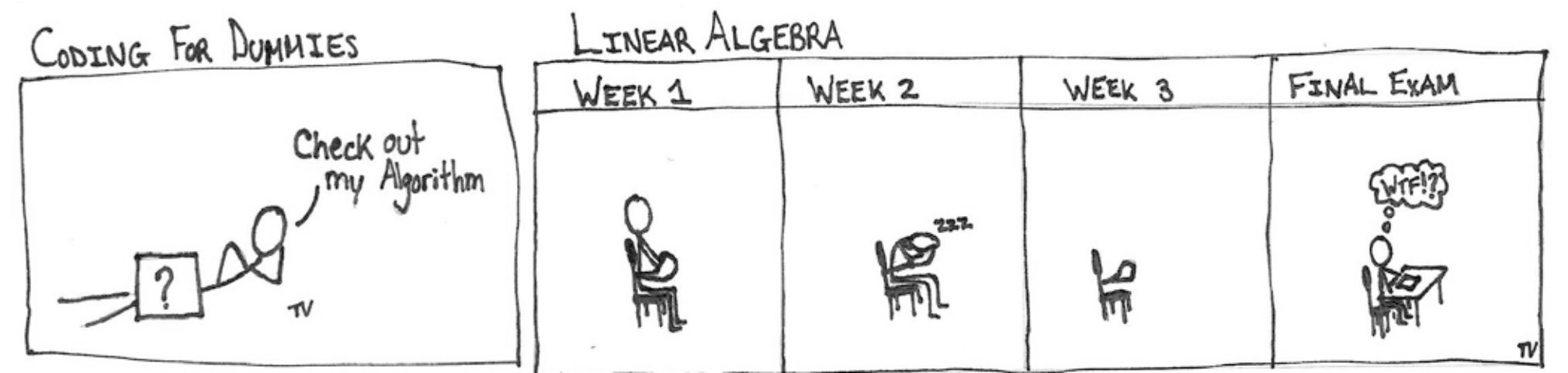


Winning submission for November by Bryan Mathers

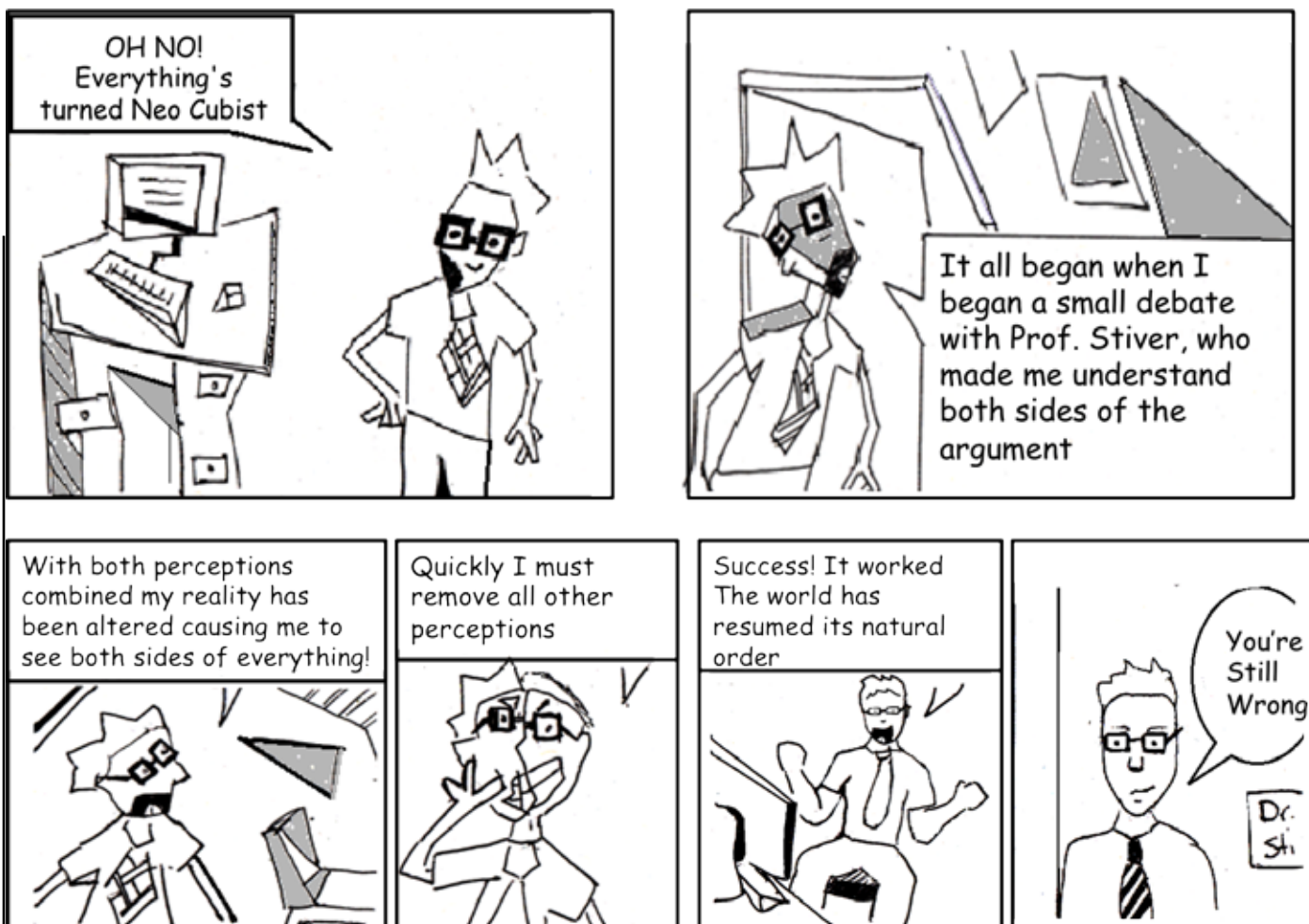
NAME: _____

EMAIL ADDRESS: _____

What I Wish I Knew in First Year - By Tara Veldman



The Incredible Adventures of BVH - By Matt Zaverl



We want to hear from you! Letters to the editors, articles, comics or photos? Send them to publications@guel-phengsoc.com