

THE CARLETON STUDENT ENGINEERING NEWSPAPER

THE IRON TIMES

START YOUR ENGINES!

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SEPTEMBER 2017

Hello, new and returning readers! Welcome to the first 2017 issue of the Iron Times. If you weren't already aware, this paper is a sophisticated and professional publication for enhancing learning outside the classroom. Now, turn to page 25 for some calc practice.

...I'm joking. In reality, I couldn't be further from the truth; the Iron Times is 100% a student publication, and has rarely been anything but satirical since the day it was first printed. It includes articles, reports, comics, a calendar of events, and monthly updates from your friendly Eng society, CSES. Since this is entirely student run, it's also up to us students to write articles and make sure the paper's up and running smoothly. So if you're new to C-Eng and reading this, I hope you find it just as entertaining, informative, and wacky as I do.

But who am I, you ask? My name's Gabriel Karam, and I'm the Editor-in-Chief of the Iron Times this year. That means it's my job to compile all the submissions and make them into an easy-to-read package. Together with a team of editors and the VP Publications, we work to bring you this paper on the first of every month. So, if you have any questions, comments, or an article to submit, email me at editor@cses.carleton.ca.

I sincerely hope you'll be emailing because you have a bunch of compliments or an article to submit, and not because you've been permanently traumatized by pictures of a purple person flashing fancy lingerie in a store display case.

...not that that kind of thing would ever happen, of course. In any case, there's one important thing you need to know about writing as an engineer: LISTS. For whatever reason, engineers—and by extension, engineering students—cannot resist a good list. If you have any doubt, look at the following examples:

Not sure what to do next on a project? Organize the rest of your tasks into a list!



Writing an article but you can't decide on a format? Write a list!

Know your SO's birthday is soon but you've forgotten the exact date? Make a list of all the possible days, then start playing Russian Roulette! Guaranteed to improve your chances of success.

QED, lists are infallible.

Now if you're a first year and you've found this paper in your frosh kit, you probably have some questions about what's going on around you. One thing that probably comes to mind is all the ~~purple monkeys~~ facils in blue jumpsuits. What's the deal with them? Well, flightsuits (as they're more commonly called) are a prize given to the 100 most involved C-Eng students each year. At most events you can buy patches to sew on your flightsuit which is cool, although you can see that some people have obviously emptied entire bank accounts doing this.

If you read the Engineering Hand-

book before this, you probably already know this information. In fact, if you haven't read the Handbook yet, you really should. It's full of all the basic things you need to know about C-Eng, including the lyrics to our very own Engineering Hymn.

But really, to be frank with you, the only thing you really need to do here is be yourself (unless you're a complete a**hole, in which case you should change that quick). Yes, it sounds cliché, but the amount of freedom you get in university is ridiculous. You may not realize it now, but you got all the power you need to be who you want to be, and accomplish all the things you want to accomplish. If you were in any way unhappy in highschool, you can change that right now, no problem. All it takes is a wish and a bit of effort~!

And, on that positive note, I wish you all a happy frosh!

READ ON, I DARE YOU

THE THING PAGE 4

POEMS AND STATS?!? PAGE 7

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FROSH! PAGE 20

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AND MUCH MORE!



WARNING:

This publication may contain offensive material. It should not be read by anyone who is easily offended. All opinions expressed within are solely those of the contributors; they do not reflect the views of the Carleton Student Engineering Society. This paper is purely satirical in nature and is not intended to be malicious in any matter.

If you wish to express your views on the content within, please email us at irontimes@cses.carleton.ca.



EDITORIALS

THE MONIKER HAS CHANGED THIS YEAR

VERY CIVIL
FROM THE DESK OF THE EDITOR



Gabriel Karam
- CIVE II -

Hello, it's me.

No, not Adele, but instead your wonderful Editor-in-Chief of the Iron Times! That's better, right? Ok maybe not... but anyways, what you're reading now is the editorial that I write each month. It'll most likely be whatever pops into my head at the time, and I'll switch it up each issue. This time, I'm thinking a list would be good. A list of all the cool things that you might not expect to find in the faculty of engineering...

CENG MUSICAL

Probably the biggest event throughout the entire year—and probably also the most unexpected for engineering students—would be the C-Eng musical. You didn't think we would also be artsies, did you. For the musical, you can audition to be an actor, vocalist, band member, part of backstage crew, and much more!



Practice goes throughout the year, with the show being at the end of March, and all proceeds go to charity. For anyone who doesn't know, the musical is generally a spoof on a famous production and is unfailingly packed with enough innuendo, inside jokes and profanity to entertain the average uni student- as well as make your average family run for the hills. So don't bring them. Just don't.

LEO'S LOUNGE

In an unassuming corner of MacKenzie on the 2nd floor, there sits Leonardo's Lounge (read: Leo's). There's a ton of cheap food, and it's a great place to hang out! Go to page 16 for a whole article on Leo's, including the menu!

TONS OF SOCIAL EVENTS

The stereotype may be that engineering students are quite antisocial, but that's not true at all. C-Eng is probably one of the most tightly-knit communities throughout the whole university. I mean, heck, we even have our own frosh.

To meet new people really easily, there are a bunch of social events that take place near the beginning of the year. Most of these events require tickets though, so make sure you keep your eyes and ears peeled

for announcements on when they're selling.

As for some of the other stuff I was going to talk about, it's already included in the Engineering Handbook.

Seeing as ~~all the shameless plugging is done~~ I've told you guys about a few of the cool things in C-Eng, here are a few pieces of advice for you that I may or may not have gained the hard way.

First of all, don't buy the ECOR 1010 textbook. Its usefulness (about two labs' worth) will be forever dwarfed by that monster price tag, and you can always borrow it from the CSES textbook library or your sucker of a friend.

Secondly, enjoy the summery days while you can. Walk around outside whenever possible, even though tunnels exist. In Ottawa, the sun goes away sometime around the beginning of November and doesn't come out until the end of second semester- I guess we're closer to the north pole than it seems...

Finally, do not ask about the rules of Yeehaw, and don't even think of googling them (cuz they're actually not there). You'll wind up making a lot more bathroom trips if you do.

Now, there's just one more thing I want to talk about this month: motivation. As someone who's recently gone through first year, I can tell you pretty much how it'll go.

At the beginning of the year, everyone's motivated and this generally goes until the end of midterms. You take notes, listen attentively, and make sure to try and go to every class. After that, it's like everyone suddenly catches the same disease that makes them have the willpower of a 94-year-old diabetic. Class sizes decrease steadily, and you can probably spot the same few people sleeping in each class (to be honest, I really can't blame them... some lecture halls are so cozy). In any case, around exam season everyone starts

coming to class again, trying to make up for the month-and-a-half of classes they didn't process. This generally results in class averages in the 60s, a far ways away from your usual high school class average.

Now, I'm not saying absolutely everyone is like this. There are the few students who actually put in work throughout the semester and end up with a good mark in the end. This would be because engineering courses (at least in first year) aren't about memorization or deep thinking, they're about practice. The only way to get really good at tricky calc problems is to have done a ton of them. This holds true for most courses, and you really wouldn't believe how many exam problems come straight from the textbook. Aaaaaand, that pretty much sums up all I know.

If you've read this, thanks for taking the time to browse this small corner of the paper. If you're a first year, I hope at least some of this info is useful to you in the coming months. To everyone: I hope you have a great start to your year! See you next month.

On a completely unrelated note, you really can't go wrong with food. As they said in ancient Rome,

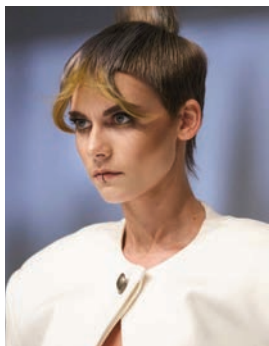
*Cibus quod vitae.
fin.*



EDITORIALS



HEY LOOK, MORE LISTS!



Cassidy "Next" Lang
- AERO C III -

Maybe as a result of the ridiculous volume of self-help content I've been consuming lately, I had an interesting conversation with my sister about how a person's character is defined. What makes a person a "good" person?

After a long discussion about whether or not a good person can do bad things (or whether doing bad things indicates that the person was never a good person in the first place) we eventually agreed that it's our intentions and motivations that truly define our character. Good people can make bad decisions, often meaning well but failing to achieve the desired outcome.

That being said, we human beings are products of our decisions. Some of the more important ones shape our entire lives. They also happen to be the only proof of our internal motives and intentions that we have to demonstrate to the world that we are deserving of love, attention, respect, and whatever else we desire.

Unfortunately, it's really hard to make decisions. This could be because we put so much weight on both the decision-making process and, additionally, the outcomes of our decisions. The fear of a) making the wrong decision and b) being surgically attached to said wrong decision for the rest of our lives makes it really difficult to commit to anything these days.

For example, I will dither for days about whether or not to buy eggs because I don't know whether I want to put in the effort to make quiche this week. There is absolutely no reason to agonize to this extent about eggs. The only potential consequence of deciding to pick up eggs is that they go bad if I get lazy and choose to or-



*Thinking About
how our decisions define us*

der pizza instead.

The first problem with this deliberation is that there's barely a decision to be made here at all, yet I'm treating it as though I am facing a lifetime commitment to eating eggs and only eggs. The second problem is that ruminating over a decision and endlessly stirring the pot (so to speak) is not only ineffective, but also stressful. I'm prioritizing the outcome of this decision far too highly for how completely insignificant it is to my life, long-term.

I gained a nugget of wisdom recently via the Art of Charm podcast from entrepreneur Cole Hatter about the importance of establishing these little attributes that he calls "absolute truths" when it comes to effective decision-making (he has 11, so it doesn't have to be a list a mile long). These absolute truths are like your "deal-breakers" for various aspects of your life.

While it's kind of a neat exercise to nail down all of what are essentially your core values as a human being, having them all laid out in front of you can be extremely useful when it comes to making the best decision for YOU. Cole Hatter categorizes big decisions (and, by proxy, his absolute truths) into four areas:

1. Relationships

Consider what you wouldn't tolerate in a relationship, either from a romantic partner, friends, or family. Conversely, what qualities do you

really admire in others? What do you appreciate about the people you currently have in your life?

2. Professional

Consider how important the potential for upward movement is in a future career. How would you feel about relocation? Do you want to be indoors (or outdoors) all day every day?

3. Health

Consider the short- and long-term effects on your health, both physical and mental. Will you feel super stressed later about a decision you're choosing to make now? Will you be able to handle the work you've agreed to take on? Will you feel better if you cut lactose out of your diet? (Answer: probably.)

4. Spirituality

Now, I know we're not all religious. As an apathetic agnostic, I try to make up for it by holding myself accountable to myself--what am I really getting out of this decision? What would I be trying to prove/gain? If you ARE religious, consider what aligns with your chosen faith and what does not. What would help you to grow in your faith? What would hinder that growth?

Whether you choose to write your own absolute truths down somewhere or just allow them to hang out in your head, I encourage you to pay

the matter a half-second of thought. There are three steps to consider when faced with a defining decision, outlined by Cole Hatter as:

Step 1: What are the options?

Evaluate the decision that needs to be made. What are all the things you can potentially choose to do? No matter how outrageous, leave no stone unturned. Remember, apathy is also a choice, so you'd still be making the decision not to make a decision.

Step 2: What are the possible outcomes?

Remember all the options you identified in Step 1? Well, now you have to follow all of them to a logical conclusion. Sometimes there's more than one for each option--like a best- and worst-case scenario for each.

Step 3: Make the decision that aligns most correctly with your absolute truths.

The hardest part is still going to be actually committing to making the decision in the end, but such is life. Factoring in the absolute truths that you've (y'know, ideally) taken the time to consider for more than ten seconds should help you to feel secure in the fact that you'll be making an informed decision that is the best decision for you, today.

It seems as though millennial society has forgotten that people do change over time. So, a decision you make that puts you exactly where you need to be today could turn out to have been the wrong (read: no longer the most correct) one in ten years' time. Or, alternatively, we've embraced the constant state of change to the point where it's so easy to justify the #yolo lifestyle that even a semi-permanent decision seems debilitating and confining.

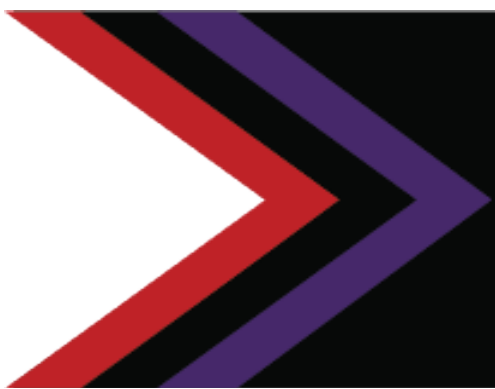
Whether you're an endless deliberator, hell-bent on making the "right" decision (even when one does not appear to exist) or a careless, free spirit content to change with the world around you, fearing making the "wrong" decision that will shackle you for life... I implore you to think about how the decisions you're making (or lack thereof) are shaping and defining your lives in the meantime.



define:yourself



AND NOW I'M JUST THINKING ABOUT SOUP... WAIT THAT CAN'T BE RIGHT



COLUMNS

NOOOOO! NOT THE THING!!

THE THING



Noah "Soundcloud" Pacheco
- AERO D IV -

As most returning Carleton engineering students will know, renovations to our Mackenzie Quad have taken place over the summer. Along with the renovations, the thing was removed at one point. I recall making a visit to campus one Wednesday in early July and witnessed the image below. Boards barricaded the northern, eastern, and western doors. I found myself taken aback at the idea of actually having to walk the

full internal Mackenzie ring, just to get to the other side. Halfway through my inconvenient journey, I felt a slight catch in my throat. I thought to myself that it's funny how easily attached one can get to a simple symbol- a figure, really. I recalled plenty of memories with the thing, memories that in ways changed me.

I remember being dropped off in the little cul-de-sac in front of the architecture building in first year. It was the first day of Engfrosh: opening ceremonies. Being a keener, I recall that the space I would soon identify as the quad was empty aside from a few really tall figures in yellow. There was something there at that first glance; I felt like I was in a kids' cartoon where a bunch of cheesy overly-dramatic hosts were dressed up identical to the structure behind them (side note: back in the day, the thing was yellow). I remember smiling at the



sight just before remembering that I should be acting like an adult entering university and wiping that expression right off my face. But, as everyone who's been past their first week here knows, that's not the case at all. We're all in a ridiculous children's show. We chant call and response tunes. We snack and nap more than we've ever done in our lives. We play games, have colouring days, and cry at little things. We're essentially infants with puberty powers.

Another memory I recall is one that's likely common to most. The amount of times I've said, "meet by the quad" probably exceeds the amount of times I've actually met people at the quad. I like how it's a common place that almost all Carleton engineering students can pinpoint. For instance, if one were to ask me where Robertson Hall or Glenville or Markle Place is, I'd have no idea. But Mackenzie Quad? It's probably the first place I memorized on campus. Whether it be from the Engfrosh team assembly, FSK ticket selling, class to class walking, buddy gathering, or even pre-exam battle flocking, the Mackenzie Quad will always remain as the Northern Star in the campus.

There's one last memory I'd like to share involving the thing of Mackenzie Quad. Once again, it is most likely a quite common memory (although be careful to whom you mention this one). There are two types of people in engineering students at Carleton: ones who have climbed the thing, and ones

who are waiting for their opportunity. There's something so satisfying in just climbing the thing. The thing was almost meant to be climbed with its strong edges and branching limbs. It's like an urban tree fort. I recall climbing up on a warm autumn morning. I placed my Tim's coffee at the top, and climbed up shortly after. While sipping coffee, listening to music and enjoying the view, I wrote my first Iron Times article. Of course, this experience did not come without its fair share of unwanted gazes. So, once again, be wary of who's around, because I'm still not sure if climbing the thing is technically allowed.

As I passed by the Quad during this renovation period, I felt a tinge of nostalgia. I thought about what life would be like without the thing. I think the thing is an integral part of what makes our community so special. It's on par with the familiar blue doors of Leos. It's like the hidden nook behind the chalkboard in Minto's Bell theatre. It's the feeling of finally finding the SGRC for the first time. The thing is, to me at least, a common symbol of our community. Something that's in everyone's stories at some point or another. It's good to note that at the time of writing this article, the thing has yet to be put back up. It is my hope that it arrives in time for the upcoming frosh week so that more stories can be made. So yeah. #KeepOurQuad I guess.

#SaveTheThing.



COLUMNS

SO RAINBOW, MUCH WOW

5 Reasons Why

Coming Out in University is

AWESOME



Caroline "Life of Pi" Deluce
- ENG PHYS II -

High school was rough, real rough. It doesn't matter if you were the nerd, the artsy one, the popular one, the sporty one, or the one that just didn't fit in at all, everyone spent 4-5 years with the same people and had no room to grow or change as a person. If you are a member of the LGBTQ+ community, it might have been terrifying to think of coming out and losing your friends and being harassed at school, or being stuck with parents that hated your "new" identity. Despite all of this, I'm here to gladly tell you that things are A LOT different at uni, and that coming out is in fact quite awesome! Here are five reasons why you should come out of your tiny dorm closet and embrace who you are:

1. In first year university, everyone is the new kid. Literally everyone is meeting each other for the first time! Coming out to new people is simple, you can just say it. There's no long, awkward conversation about how you're changing from who you were before, you can just tell them how you identify! You can go by your preferred pronouns with no questions asked! You can just say you're gayyyyyy and no one cares!

2. That brings me to my next point, UNI IS SUPER CHILL! Literally no one questions how you identify. Most reactions are like "oh sweet,"

or "that's cool," or even "ayyyy same!" Everyone is too busy figuring out who they are to give a heck about how you identify. And, if by the rare chance someone treats you less than respectfully, let me know and I'll personally explain to them that this is 2017.....

3. Another lovely thing about university is that everyone is experimenting in one way or another. Some people try new hairstyles, some people try new things sexually, some people try different clothes and styles, and some people explore their gender identity. Everyone is trying new things and seeing what they like and don't like.

4. Probably the biggest change

from high school to university is that everyone is trying to find themselves. In high school we are forced to be someone we're not, and we're stuck with these expectations of who we are supposed to be. In university, everyone is free from that closed environment. You can find yourself and just be you! Coming out was tough, but I honestly have no regrets and I love who I am. Carleton Engineering has been one of my biggest supports through my journey, and I can't thank everyone enough.

5. Lastly, coming out in Carleton University is great because we have the Carleton University EngiQueering Club (CUEC)!!! We run events all school year for everyone to enjoy.

Check out our Facebook page for the gay agenda, with events such as Colour Me Queer (September 20th), Gaymes Night (October 3rd), Rocky Horror Picture Show (October 20th), and many others! Membership is \$5 to get cool discounted merchandise (however you don't need to be a member to come to events). So come on out (lol) and enjoy what our community has to offer!

Whether you're thinking of coming out soon or you're not ready yet, just know that you're now in a welcoming and supporting community. It doesn't matter if your gay or straight, bi or pan, cis or trans, or anything in between, you are about to have the time of your life.

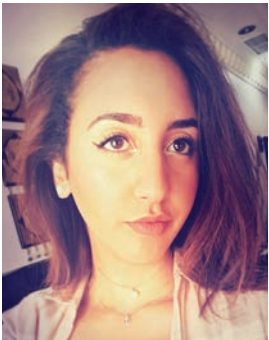


COME ON OUT LOL



COLUMNS

A DISG BLESSING UISE



Reem Dawoud
- CIVE III -



The summer of 2014, I had set a plan to go to Carleton University with my best friend in the fall. Everything was going great. I was having an amazing summer and got accepted into architecture, which was what I dreamed of majoring in for as long as I can remember. I put a lot of time and effort into preparing a portfolio to get admitted, and I did. Overwhelmed with happiness and excitement, I couldn't wait to leave Kuwait and start the next chapter of my life. But I was in for a surprise; they say everyone gets the first-year shock, but for me it was way more than that.

During my first week of university, things were going okay. I met several nice people (several of whom I'm still in contact with) and my lectures were going pretty well. However, when I was given my first project that was worth 9% to complete, I freaked. Overwhelmed with stress, I couldn't think right nor could I get started with the project even though I bought the materials required. It got to such a bad level that I couldn't sleep and wouldn't eat either. I'd also stutter a lot whenever I'd try to speak. My good friends from Kuwait tried to help me as much as they could, but for some reason I wasn't able to listen to them. I didn't like my major. In fact, I hated it. With a PASSION. My dad told me to keep trying but I couldn't even force myself. When it reached a level where my mental and physical health began getting affected, I immediately knew there was something wrong.

I went to admission hall hoping they would let me change my major because I didn't want this anymore. They told me that my best bet would be to withdraw from all my courses and apply for next year as my grades qualified me to get accepted into any program I wanted. However, if I were to stay in the architecture program, then they'd have to take the grades I were to acquire at the end of the semester. But at that point, hearing the word architecture itself brought shivers down my spine.

I knew what I had to do.

I called my parents and told them the whole story. As much as I didn't want to worry them, they deserved to know what was going on. Thankfully, they were very understanding and booked me the earliest ticket back to Kuwait. By then, I acknowledged the fact that I just got forced into a gap year. I was so upset about leaving, but deep down I knew it was the right choice.

When I finally thought that the worst was over, I got proven wrong. As soon as I landed in Kuwait and saw my family, I bawled my eyes out. Guilt was filling me whole because I thought I had let my parents as well as everyone else down. My scholarship and hard work of grade 12 had all gone to waste. I couldn't stop. I kept blaming myself for everything, believing I caused a lot of problems (that were just in my head).

This lasted for about 6 weeks to 2 months. The first 3 weeks were the toughest. I would eat excessively and oversleep (12-14 hours). I even had a short panic attack the first week I was back. I never wanted to go out or see anyone either. Hell, I didn't even tell some of my friends that I was back. I didn't want to be pitied or shamed more than I already was. I lost interest in things I used to enjoy doing like playing the piano and creating art. And finally, I managed to convince myself that no one wanted to talk to me including my best friends. I thought I was losing everyone around me. I never understood why these negative thoughts kept going through my head. At first, I didn't want to believe that I was seriously going through a major depressive episode, but when I looked up the symptoms of depression, 80% of them matched.

I kept telling myself that it was all in my head and will be over

soon. When my dad saw that my mood, poor attitude and excessive crying were lasting way longer than considered normal, he offered to take me to a psychiatrist. This was just between him and I (and now you guys as well). I said no though, and am now glad I did. I refused to believe that I was one of those constantly sad people who didn't know what the word 'happy' meant. I had some faith that I'd eventually find my way out of this labyrinth myself.

As the days passed, things seemed to start getting better. Some of my friends who were studying abroad came to visit and I went to see them and got to enjoy myself. When December arrived, most of my close buddies were here for the break. It was awesome spending New Year's Eve and the rest of the holiday with them. It reminded me of how we spent our summer together, and how things used to be. When it was time for them to leave, especially my best friend, I honestly got scared and worried that I'd fall back into my previous episode. He told me that I'm fine and I'd be okay and that was all I needed to hear for reassurance.

On January 1st, 2015, I set myself a new year's resolution. It consisted of many things I wanted to change about myself, including to stop complaining about unnecessary things and to stop worrying about and stressing over the issues I had no control over. To always be happy and optimistic no matter how hard things got and finally to never take myself too seriously (A wise friend once told me that ;)) I made my cousin Dina -who is practically my sister- promise to constantly remind me of my resolution and to make sure I'd stick to it in case I ever forgot.

And so without realizing it, I did. I started working out to be a healthier person and got back to practising my old hobbies. I drew

and even submitted my art to an art contest that I ended up winning. My friend's mom even bought one of my drawings. These little things boosted my self-confidence and reminded me that I am capable of anything I set my mind to. That the saying "Mind Over Matter" really was true. I began playing the piano again and even learned a whole song! I became closer to my cousins and the rest of my family and friends.

In the end, I realized that this forced gap year was in my favour rather than against it. A Blessing in Disguise, if you would. My mentality towards many things changed and I became a much more positive person than I was back then. I learned to depend on myself and I also learned that no matter how hard things get, everything will eventually be okay. Just like the quote that says, "After the rain, there's always a rainbow." I also got to know who my real friends are. The ones who stuck by my side through it all. I wouldn't have been able to get through it without them. So, thank you and thank you again for being there for me and supporting me through this whole mess of a journey I had to go through. The main reason I wrote this was to explain clearly what happened because many people don't know exactly what went down. Also, to inspire anyone who might be possibly going through the same problems I went through.

The point I'm trying to make is, never underestimate God's plans for you, there's a reason you don't know them at the time the plans take place. I now know the reason behind everything that happened that year and if it wasn't for that experience, I wouldn't be the person I am today and for that I am forever thankful. Now, I'm more than ready to tackle any obstacle that life wants to hit me with.

COLUMNS

GOING FROM ONE EXTREME TO THE OTHER...

*What Are You
Going To Do With
That Degree?*

By: Foxwood

Roses are red and violets are pink,
I'm tired of them telling me what to think.
Let me be blind in my own blissful ways,
be bit by my ignorant phase
come to terms, being a drop in the haze.

Watching at the end of everyday
through fluttering and withering shadows
seeing nobody pay
as we all trudge bare feet in snow

Maybe this path I'm on
Will leave my paint splattered jean pockets empty
But this is my march into a new dawn
As a neon, purple drop in the rain

Its love and passion
and what lives inside of me.
So I won't flex and be foolable.

I'll be spineful.

Soild.

Tense.

And unmovable.

So I'll stick to my guns
and anything is doable.



Adam Dublin
- AERO C II -

STAT 1010

Numbers don't lie, right? A precise value can be comforting, as there's no artsy interpretation needed. However, it's very easy to make up numbers, whether it's to win an argument or make yourself sound smart. Anyways, here are some totally legit statistics about life in C-Eng. You don't even need to pretend to understand battery questions for these!

78% of productivity is lost in Leo's.

14 m 26 s: Average delay of an OC Transpo bus.

0% of ropes can be pushed on.

76.8% of trips to Gatineau in first year are regretted the next morning.

5:1 is the ratio of work done by engineering students to work done by arts students.

0.94% of students say that buying all their textbooks was a good idea.

43% of people reading The Iron Times do so to avoid actually doing work.

138 372: Number of pamphlets handed out during the 2017 CUSA general election.

67% of labs are done the night before.

46:1 Ratio of C-Eng students to FSK tickets, so you better run for them.

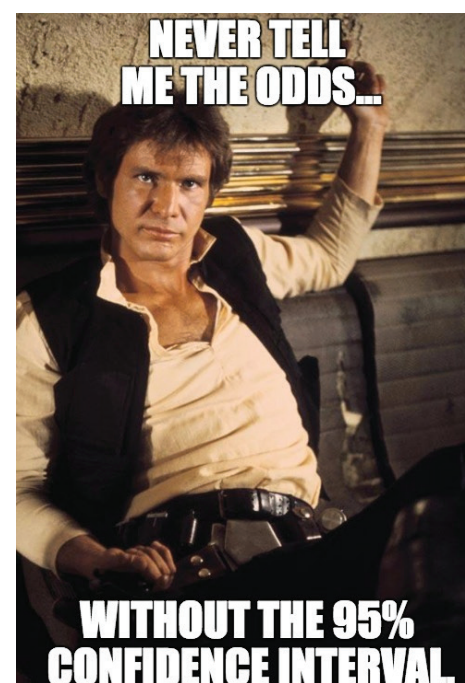
104.3% of O-Train filled at 5:35 departure.

5.62% of students say they use concepts taught in ECOR 1010 regularly.

5: Pi for civil engineers.

0.42%: Amount of The Charlatan worth reading.

83% of statistics are made up on the spot.





COLUMNS

THE UNADULTERATED SURVIVAL GUIDE



Rebecca "Swallow" Feddema
- ACSE V -

Hi, I'm Rebecca, a seasoned veteran of all things Residence at Carleton. I lived in residence in my first year – yay Lennox and Addington. O, your fragile drywall and screaming doors will always be home to me. I also worked as a Residence Life Staff member for the past three years! Because, apparently, I really did not want to have to deal with paying rent.

I hope to spend the next 8 months sarcastically ranting at you about the ups and downs of residence living; are there really any other forms of writing besides ranting when it comes to satirical engineering newspapers? We'll see if I'm able to regurgitate any useful information, but if not, at least it'll be kind of interesting to read, right?Right?

I swear in the coming months I will try and give these articles more thought and structure, but to be honest I only remembered the deadline for article submissions the day of.

SEPTEMBER

Now that you have your lovely residence room chock-full of ridiculous Walmart swag that your mom probably picked out, here are some of the first things that came to my mind when thinking about the blessed first month of residence.

First and foremost, do not depend on your residence room to be your 24/7 safe-haven hermit-hole. Please do me a favour and go find a list of other locations, both on and off campus, to spend the majority of your time. Believe it or not, you have signed up for the next 8 months of living in this cell room. You will be sleeping here, studying here, and of course passive ag-



gressively ignoring all those really annoying things your roommate does. You will need to find some fallback space for those times where you just can't stand being in your room anymore. Now, lucky for you, the engineering buildings have a sprinkling of student lounges and 24/7 computer labs, and they are the very close to residence. This means you can skitter over to Minto and gain a few hours' sanity before heading back to Res after classes. There are also so many coffee shops in Ottawa it shouldn't be physically possible. Go find some hipster café where you can escape all things campus, it'll do you good. Now go forth! Explore before the cabin fever hits mid-December.

Second, do the seemingly ridiculous and juvenile Roommate agreement thing with your Residence Fellow. You know, the thing they mentioned at that first community meeting you totally went to. The lovely stack of papers with the fill-in-the-blanks and checkboxes. Just do it. I don't care if this means sitting down with your RF and having a long and meaningful conversation *blergh*, or if you and your roomie just snag the paper from them and tear through it in five minutes. Do it because it will get you and your roommate thinking about a whole herd of considerations when living together that might not have crossed your mind. I mean sure there is cleaning, but what about

headphones (do you want to be forced to listen while your roomie watches Friends on Netflix for the bajillionth time?). Also the issue of food in the room as there are allergies to think of, the whole concept of smelly and or lingering scents (I'm looking at you, tuna!), how many other humans are you willing to put up with, and how frequently are you expected to be interacting with these additional people. Some humans are social creatures and appreciate hanging out and more with friends, so there should be acceptable sex-able protocols (how will that work with a shared room?!) – Just kidding, none of you first years will be that lucky. But honestly, just suck it up and have that forced kinda-lame, conversation early on, it will make any disagreements later so much easier to handle!

Finally, please, please, please, please, please make some effort to meet people! First impressions matter, and though it is not impossible to make connections later on in the year, it will be so much easier to get to know people in September when everyone is the same level of terrified and overwhelmed. So take off your headphones and introduce yourself to people. Forget people's names and awkwardly ask them for it over and over. EAT WITH PEOPLE IN THE RES CAF! For the love of god no one is going to bite you if you ask to sit with them. And if talking to people just sounds hor-

rendous, just go and find one extrovert that you can latch onto and use to syphon off social interaction points (trust me it works). This way you won't have to lie to your parents when you confidently tell them that you're making friends!

And that's all I've got for now (mostly because I am writing this at work and don't have any more time). Alright froshy-kins, that should get you through at least some of September. I'll be back to help you figure out what the hell your supposed to do with your October later.

Good luck!

SEPTEMBER PSA: Go and talk to your Residence Fellow, they have the potential to actually be really cool. If you get in their good books now, they may be a little more understanding later on if you ever need help. Also, they totally have a budget for spontaneous funding (read: random snackage moneys) that can totally come in handy.

And if you can't stand the Residence Fellow you have on your floor, you are welcome to get to know the RF's on other floors too. They are all on the same team and can work together to best support you.

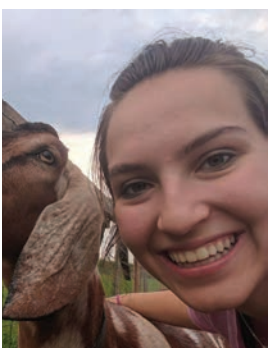
COLUMNS

YOU KNOW IF IT'S COMING FROM A WINE MOM, YOU BETTER LISTEN

Advice From Your Resident Wine Mom



Tips from Someone Who's Gone Through First Year



Teo Blidaru
- BMED ELEC III -

I pride myself on being the “drunken wine mom”. I would tell you to ask me about my first-year whirlwind, but I can’t quite remember it after that box of wine... Growing up in a very eastern European community meant I grew up appreciating alcohol, and the tenets of caretaking were instilled in me at a really young age.

Here I am now, a 20 year old who enjoys more than the occasional glass of wine a night and who has taken care of her fair share of friends.

So, what I wanna do here is have a little mom column with easy recipes (some of which you can do with a microwave in res), and some tips and tricks that maybe not everyone will know.

Let’s aim this one towards the first years, eh? We’ve all been there and we all needed help living away from home.

SO, LIFE TIPS:

1. Try not to live off of fries from the caf... Eat some vegetables and some of the less processed crap. Yeah, they call themselves fresh but all of it is basically pre-frozen.

2. Attempt working out at least one or two times a week for an hour in September. Trust me when I say the freshman 15 is a thing. Get in the habit early on and thank yourself later.

3. Certain essentials are good to have on hand no matter what type of res you’re in. One is a kettle; it can make tea, hot chocolate, instant noodles, and oatmeal. Another is the ingredients to make those delicious things, trust me when I say you’ll need snacks at 3 AM after Oasis closes.

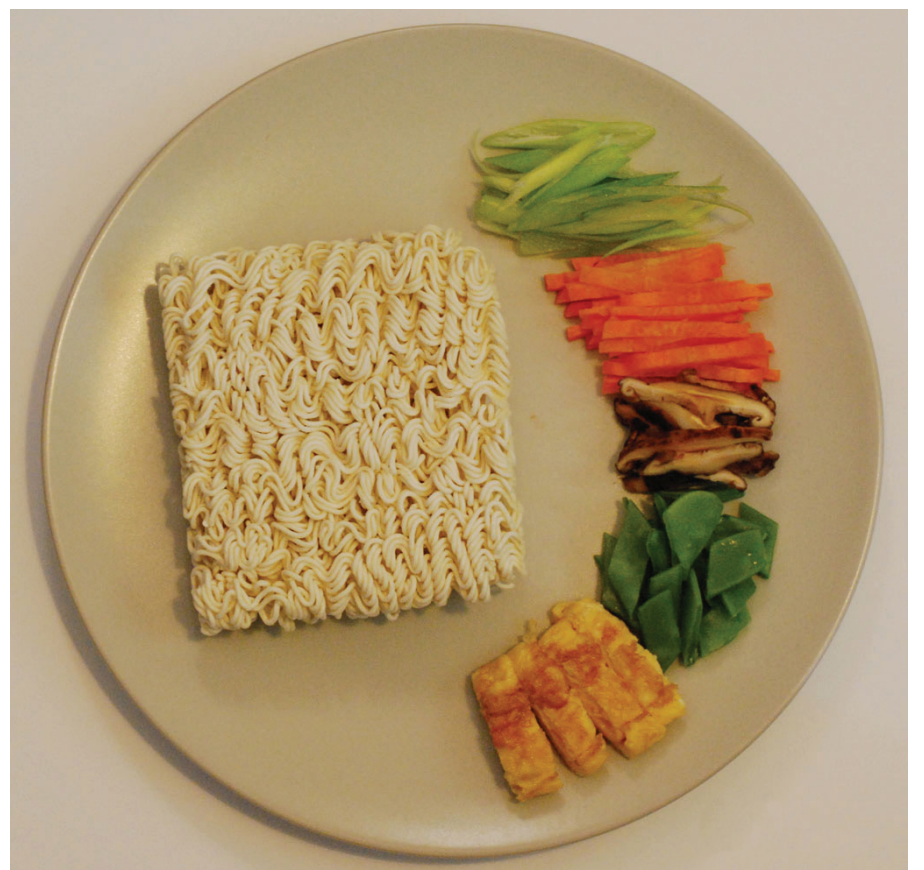
4. Another thing that’s probably new to a bunch of people is cleaning! There’s a certain level of mess that accompanies 4 university students who are sleep deprived and/or partied too hard the night before. I swear by a few very simple things:

a. Kirkland Chlorinated Wipes- find an upper year with a Costco membership or ask your parents to buy some as you move in. These will get rid of anything and everything

b. Vim liquid- if you have anything sticky or stained, a little bit of Vim on one of those green sponges that have a rougher side are a lifesaver.

c. A mop (a real one, not a Swiffer), especially if you’re in a suite. That linoleum just sucks up anything and everything.

5. Don’t buy books from the bookstore, check fb groups and buy used ones or wait for the CSES book sale 2 weeks into September.



And finally, I’m gonna try to end these advice columns off with easy recipes, so you can stop living off of the one thing you know how to make. This time it’s gonna be kind of ghetto (so first years can do it in a rez room) Stir Fry. Feel free to make this more legit but this is meant to be able to be done using just the things in a traditional room in res...

1. Get however many vegetables you want. I like mushrooms, broccoli, snap peas, and peppers.

2. Get noodles of your choice, I prefer the egg instant noodles from the rooster brand.

3. Take those veggies and fill a microwavable bowl to the 3 quarters mark. Put about 1 or 2 fingers worth of water in the bowl and microwave with a plate on top (while still allowing it to ventilate a little). This will steam the vegetables, so do it until the moment where the vegetables are how you like

them. Add salt if you want.

4. Put the instant noodles in another bowl with some boiled water (that you got from the kettle you should totally have).

5. Drain the noodles and put them in the bowl with some of the veggies, add some soy sauce and voilà! Pretty healthy food for those days when the caf serves baked basa again.

6. NOTE: If you can fry, I like frying at the end! Add some chicken! Add teriyaki sauce! Do whatever your heart desires now and don’t be scared to experiment (I made paninis out of pancakes with jam in the middle during first year).

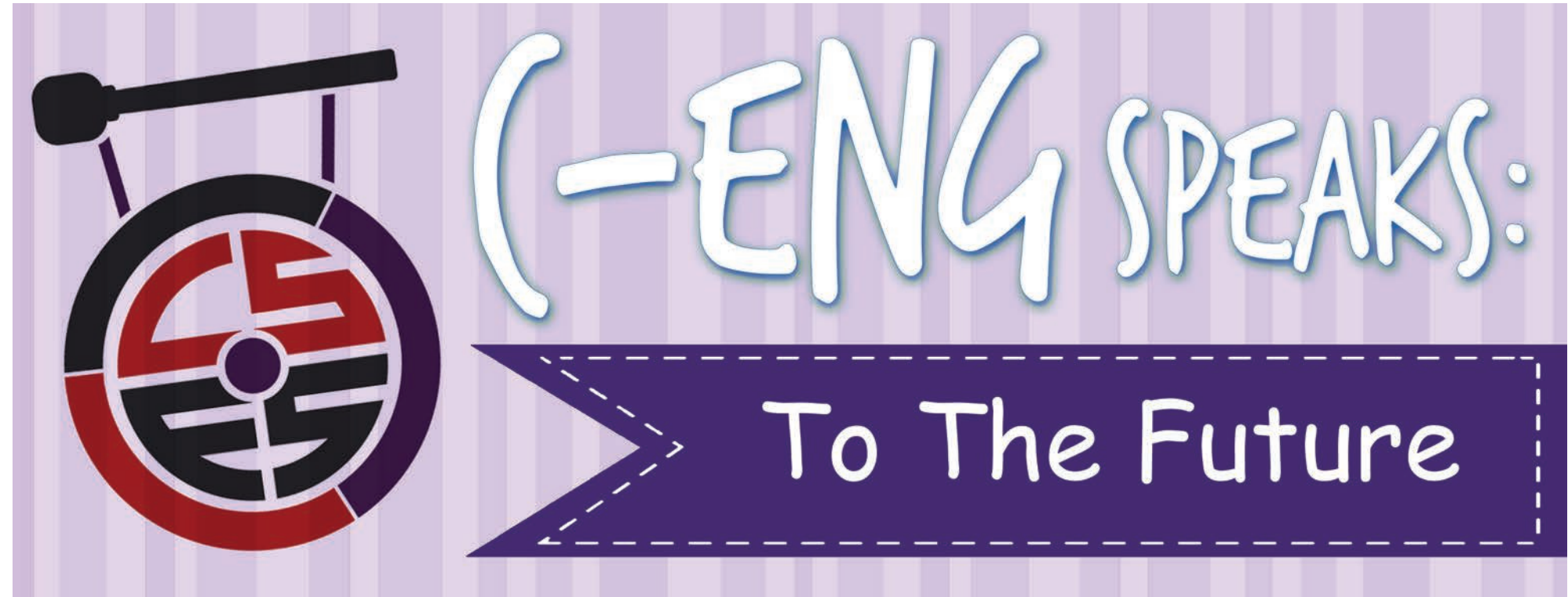
And my final thing for the day: Be-you-tiful (this is for you Jess).

-Signed someone who has meh qualifications in life



COLUMNS

THE RETURN OF CENG SPEAKS!



“What's something you're really looking forward to this year?”

Oh boy. Ok, looking forward to Frosh week, being VP Services again, and going through my (hopefully) final year in C-Eng!



Michael Lanning
ELEC V

Maddie Snelgrove
ARCH URB II



Umm... everything? Classes, my new house, EngFrosh, exploring Ottawa now that the craziness of first year Architecture is over.

Helping out with frosh week as a facil



Shane MacIsaac
ENG PHYS II

EngFrosh, being VP Publications, taking only 4 courses per semester... the list goes on. This year is gonna be a hell of a lot less stressful than last.



Cassidy Lang
AERO C III

Owen MacIntosh
BMED MECH III



As always, I'm super stoked for Charity Lan!

Meeting new first years!



Jamie Hopkins
IMD II



Adam Dublin
AERO C II

The C-Eng Musical

A step back from heavy involvement to focus on only a few things that keep me happy.



Noah Pacheco
AERO D IV

Beach day, best day!



Daniel Haycocks-Tulli
ELEC II

COLUMNS

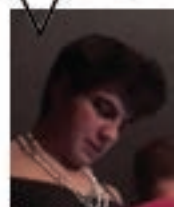
FROSH WEEK 7, MUSICAL 2

Caroline Deluce
ENG PHYS II



The really lit engineering competition!

The C-Eng Musical, which was probably the most rewarding thing of first year.



Nikita Rudakov
MECH II

Courtney Kester
ARCH ENG IV



CSCE events! Seriously everyone should become a member and come to all our new fun events!

FROSH WEEK - Everything from Move-Ins, to meeting all the froshlings, to seeing the crazy contraptions for boat building! #BeachDayBestDay



Callum Kirby
SOFT III

Nicole Mackin
IMD V



Eating my weight in sushi.

Having my own room in res.



Nga Nghiem
MECH MFG II

No More Math Courses.



Angelina Gomes
MECH III

No more 8:30AM classes



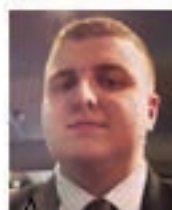
Konstantin Fedotov
ELEC II

Getting involved!



Reem Dawoud
CIVE III

“If you could be reborn as anything, what would that be and why?”



Spencer Slade
MECH VI

PICKLE RICK!!!



Katie Neill
Engineer at Heart

If I were to be reborn as anything, I would want to be reborn as a dog cause their life is the bomb! Who doesn't want to lie around being loved all day.



COLUMNS

CAT PEOPLE, DOG PEOPLE, AND THAT ONE PERSON WATCHING TOO MANY WEIRD VIDEOS

If I could be reborn as anything I would choose to be reborn as an octopus. Why? Because they are the squishy ninja overlords of the sea!



I wouldn't mind being reborn as myself. Get a fresh restart button, tbh.



A dog. All the snuggles, all the love, all the food, and the ability to sleep all day and not give a damn. Or a goat. Yeah, I'd probably be a goat.



A cat. Sleep all day, knock shit off counters all night.



A male duck. Why? Look up true facts about the duck.



Pikachu because who doesn't want to be a yellow Pokémon that can electrocute people?



One of the McNugget buddies. They look like they're having a blast.



A rich person's pet - I'd probably have my own personal butler and could just eat and sleep all day.



A sloth, so that my sleeping 18 hours a day will be expected and not disappointing to my family like it currently is.



A lemur because they're pretty awesome.



Danny Devito, because I've always wondered what the weather was like down there.



One Word... DOOR! #ForeverMackenzie! But in all seriousness, an AI would be pretty cool, adapting and learning as I go; one day learning how to program and eventually starting Skynet.



I think I'd go with an eagle. There's something so powerful and elegant about eagles, in addition to the ability to fly, which is cool on its own. Plus, I'd be 'Murica's national treasure! #lit



A Doggo so I can be fed and taken care of all day long.



Someone who didn't lose their scholarship in first year, sorry mom.



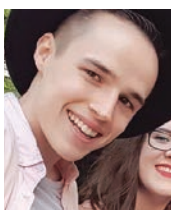
A cat because of reasons.



COLUMNS

AND THERE'S MORE?!?

“Things I wish I had known in first year”



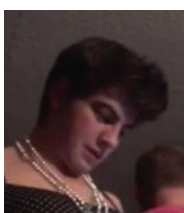
University is prime time to develop as an individual and find what you love. There is a crazy amount of stuff to do on campus in- and outside of class, you just need to look! Your university career is what you make of it; join a club, start an intramural, sign up for a fitness class.

You'll definitely have a much better University experience if you make sure to balance your school work and personal time.

Highly encourage checking out the Ravens Roost (Stormont Tunnel Level), Discovery Center (4th Floor MacOdrum Library), and Athletics (it's included in your tuition already so you might as well go)!



That I'd change. A LOT. There were times during my first year that I felt like I was no longer on speaking terms with my conscience and I experienced more trouble than I'd ever had taking accountability for my motives and my actions alike. Ever since then, I've continued to change... although I feel closer to my final form now than ever before. University'll do that to ya.



First year is basically one big balancing act: friends, family, new responsibilities, school, parties, extracurriculars... Keep track of everything you do. Keep a calendar, make a schedule, and try to realize early on that even though friends and peers will do anything they can to help, first year is ultimately the time to try and take life by the balls and be responsible for yourself. Hold your own hand and try to be the person who has enough of their shit together to help your friends do the same. We are all in this boat together.



You are able to text OC Transpo to find out when your bus is coming. Just text 560-560 with the bus station number then the route number. It uses GPSes on the buses so this will tell you when your bus is ACTUALLY coming (hint: late) instead of when it's supposed to come.



That failure is allowed. There is nothing wrong with failing a class- hell, even failing an entire semester. But don't back down from it, take that failure and learn from it. Just because something is hard and scary, doesn't mean it's a bad thing. So get back out there, take the class again, and kick its ass into the dirt. Your education is for you. It's not for the benefit of your parents or friends, it's your life. So take your time, fail some classes, take them all over again, and kick ass. Because YOU are the only person accountable for what you want out of life.



Drinking can be fun, but overdoing it is not. I woke up one morning during the summer post-first-year having thrown up in my sleep from mixing bad drinks and overdrinking. Luckily, I was sleeping on my side. Don't develop a drinking problem or habit just because everyone else is drinking, or because you've become the legal drinking age. Moderation is key, like my mom told me, and I failed to heed her words. Why drink a little? I thought if I'm drinking, I'm gonna drink to make it worth. Get to my limit and ride the line- that was dumb 17 year old me.

Nowadays, I often go to parties and stay sober, because I can have just as much fun laughing at drunk people. Also taking care of overly drink people sucks, and you don't wanna be the person putting a damper on everyone else's night!



First year engineering was a whole different ball game. It was like suddenly playing chess after only knowing Checkers. I, myself, am from Alberta, and boy oh boy did Alberta Education do me wrong. Everything I've learned in high school math and science was a joke. Like how on the first day of Linear Algebra, all of my friends knew what matrices and unit vectors were as well as row reducing. I didn't even get the point of row reducing until the night before my first test... Thank the Lord for Khan Academy. Almost everything in first year eng has vectors in it, it's like I can't even go to bed without dreaming about vectors. If there's anything to focus on in first year, it would be your 2D and 3D vectors.

And on a personal note, I've never realized how much for granted I took my bed at home, my mom's cooking, and comfortable toilet paper.



DON'T TAKE THINGS TOO SERIOUSLY. Coming into engineering, I didn't realize that everybody in my class was at "the top of their class" during high school. I was obsessed with the idea of perfection that I overstressed myself and had to deal with anxiety for the whole of fall semester just to achieve straight A's. I stopped eating, stopped sleeping and my social life went to hell. By the time I was back for Winter semester, it hit me one day that life's short and university is an experience that is NOT all about getting the highest grades in class. Also, I realized that I was going to miss out on the best years of my life if I continued my studies like this. So I let loose that semester, took it easy and went to social events, and ironically, my grades were even better. Moral: grades are important but not as important as your mental health. You only have one shot at those 4 years at University (or 5 or 6...), so make them amazing years to remember!



When I was in first year, I wish someone had told me how short your time is here. You don't have time to "adjust to uni life." Inadequate adjustment and unpreparedness is the essence of university. My first few months were tough and I thought that avoiding extracurriculars/events was a wise decision in keeping myself afloat. This, in my later opinion, was a mistake. As soon as I was peer pressured into attending more social events, I realized that university life will most likely be shitty however it's framed. With rising tuition rates, impossible classes, living situations and general constant fatigue, it's bound to predominantly suck. So, do yourself a favour and make some friends that also realize this. They make everything suck just a little bit less.



When I was in first year I should have known how to manage my time effectively. I ended up spending a lot more time not studying than I should have and I payed for it when exams came around. Everything turned put okay but I definitely could have done better.

AND SOME EXTRA TIDBITS :

- >The Panda Games are something not worth missing!
- >You can always retake a class, but you can never retake a party. An engineer with no social skill is just a bad calculator. Stay thirsty my friends.
- >TA office hours are meant to help you.
- >It's totally normal and okay to struggle.
- >If you pull all nighters when a project is first assigned, you can make time for every FSK!!
- >DON'T. GO. TO. HULL.
- >Hull is not worth it. Everyone is trying to rip you off. Just find a decent kegger to go to instead, it's cheaper and more fun anyways.



GALLERY

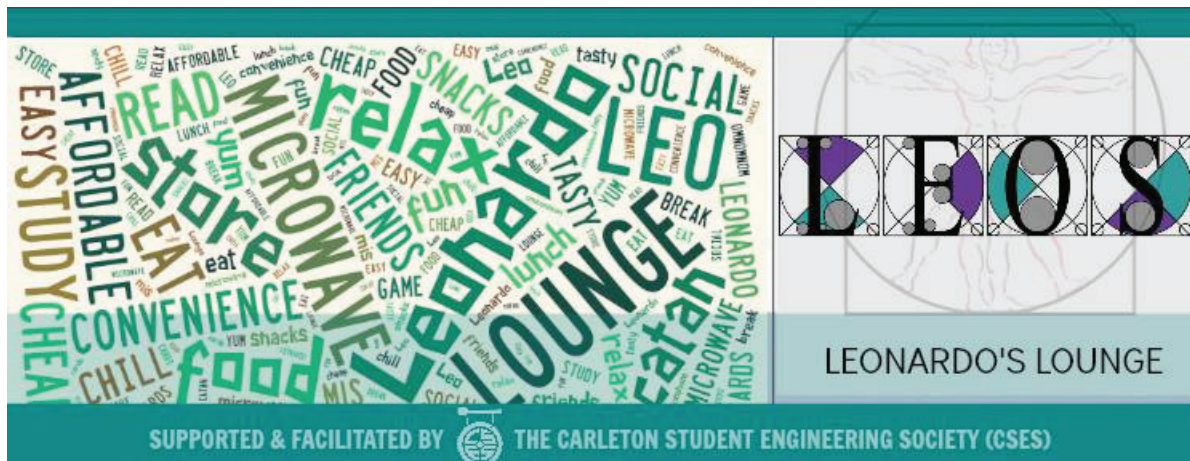
WHAT MAJESTIC CREATURES WE HAVE HERE



GALLERY

A GLIMPSE INTO THE PAST





Helloooooooooooooooooooooooooooooo
 Froshlings (And everyone else
 who hasn't heard about Leo's yet),

I am here to **CHANGE YOUR
 LIFE.**

So, being a wee first year you're
 probably feeling a little lost. Uni-
 versity is a big change from high
 school- I mean you're now a uni
 student who has no time and no
 money.

Leonardo's Lounge is a one stop shop for friends and food.

We have the **CHEAPEST FOOD** and **THE BEST PEOPLE** all packed into this little lounge.

We have coffee, chips, chocolate milk, sandwiches, naan bread, Coke products, pizza pops and sooooo much more.

If you discover this article before our volunteer sign up sheets all fill up, **GO WRITE YOUR NAME DOWN**. Being a volunteer for Leos entails running our cash register and stocking our shelves for one hour a week. You also get to come hang out with us at training (and enjoy free food of course), **AND BEST YET** you get to come to Volunteer Appreciation Parties!

I hope I see you guys coming to

get food, studying between classes,
or just hanging out with friends!

We are located at 3342
Mackenzie!

Love, Kyra

(Don't ask me for toonies)

SERVICES

THERE'S A SOCIETY FOR EVERYONE!



Emerging Leaders in Solar Energy (ELSE) is a national network of students, professionals and advocates who are dedicated to learning about, working with, and informing the public about the Canadian Solar Industry. ELSE is committed to the success of multiple solar projects, both in Canada and abroad. We believe solar power and renewable energies are the power sources of the future. We want people to be informed about how this industry is relevant to everyone, not only those in engineering professions. The ELSE Carleton chapter is excited for its first year on campus and is welcoming new members. We will be holding information sessions on the solar industry, fundraisers, and much more! Our first event this year is a plant sale; if you're looking to add some life to your house or dorm room, one of our small potted plants would be perfect. For more information about our events or ELSE Canada, see our Facebook page or the national website, or drop by our table at the club fair on Tuesday, September 5th.



**CARLETON
CHAPTER**

CSCE UPDATE:

The 2017-2018 CSCE Carleton Chapter is looking forward to bringing you events that will help you meet people, test your creativity, and show you the real-world applications of civil, environmental, and architectural engineering. Our first event for the year is a Meet and Greet at Oliver's Pub in the University Center on September 13th from 6-9 PM. All students interested in meeting the new Executive Council for 2017-2018 or becoming an executive are welcome. In order to best represent our members, we are looking to fill the following positions:

- Vice President External
- Architectural Conservation and Sustainability Eng. Rep
- 1st Year Rep
- 3rd Year Rep
- 4th Year Rep

Town Hall will be hosted on September 21st at 6PM where run-off elections will be held. Everyone interested is encouraged to come out to either run for a position or to vote for those running. There will also be free food! Memberships for the school year (2017-2018) year are \$10, which includes access to the office space, microwave, textbook and exam library, a 100-page print card, and discounted patches. You can buy a membership at the office, ME 3379 from 8:30-5:30. Good luck in the upcoming year!

Courtney Kester
President
CSCE Carleton Chapter



engineers without borders
ingénieurs sans frontières
Canada

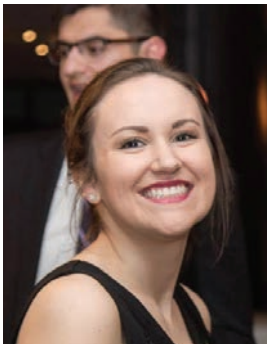
Carleton University Chapter

AND IF YOU DON'T LIKE 'EM, YOU CAN ALWAYS MAKE A NEW ONE



REPORTS

CONTINUED FROM THE CSCE UPDATE!



Courtney Kester
- ARCH ENG IV -

This past June, the CSCE Annual Conference was held in Vancouver; as an incoming executive for the CSCE Carleton chapter, I was lucky enough to attend. The conference is a professional and academic conference for both industry professionals and students, hosted for by the Canadian Society for Civil Engineering. The conference is a five-day event consisting of a trade show, presentations, panels, field trips, and just a few drinking—I mean social—events.

The first day I attended a workshop titled “Smart Infrastructure and Building Systems” in which a lot of very smart people talked about things that were far too

complicated and intricate for me. However, I did learn a few things about Smart Cities. A Smart City imbeds technology into its urban infrastructure to record and report information about its use. This means that sensors can be put into almost everything; from roads and bridges to schools and hospitals. The recorded data can be used to improve performance, determine when repairs are needed, and inform citizens and government about these things.

One of the other interesting op-



portunities offered was a field trip to Brock Commons at the University of British Columbia campus. It is the newest residential building on the UBC campus and is the world’s tallest contemporary mass timbre building. The 18-storey building has two concrete cores for the elevators and concrete pillars on the first floor. The rest of the building uses cross-laminated timber floors supported on glue-laminated wood columns between each floor. Drywall was used to encase all wood elements on the interi-

or for fire protection and to allow for a quick approval. The building was constructed using mainly prefabricated elements and therefore had a very fast construction time, less than 70 days. While visiting the building we were able to go up to the top floor, as well as attend presentations by the architect, engineer, wood supplier, and project manager for the building.

At the conference, I also attended a Career Planning Panel where I learned that a Master’s program is my best option (still not so sure about that...), a brewery tour (turns out beer isn’t that bad after all), and a bike ride through Stanley Park (also I’m pretty out of shape).

Overall the conference was an amazing experience where I learned a lot about Civil Engineering in Canada, and met lots of new friends from schools all over the country.



CALENDAR



SO CONVENIENT



CARLETON STUDENT ENGINEERING SOCIETY



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myCSES.ca



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3390 Mackenzie



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Open Fall & Winter
Academic Terms

SEPTEMBER

2017

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
28	29	30	31	1	2	3
4	5 Carleton Academic Orientation/Expo	6 Fall Term Begins (First Day of Classes)	7	8	9	10
11 FALL TEXTBOOK TRADE BEGINS!	12	13 First-Year Conference (FYC)	14	15 ESSCO Presidents' Meeting (PM) Conference	16 Carleton Homecoming (Purpling!)	17 EngBowI
18	19	20	21	22 CFES Presidents' Meeting (PM) Conference	23	24
25	26	27	28	29 FALL TEXTBOOK TRADE ENDS!	30 Panda Game	1
2	3 Engineering Jacket Fitting	4	5	6	7	8

YOU CAN NEVER HAVE TOO MUCH PURPLE



Start the RACES!

FORMULA ENGROSH

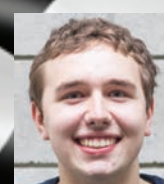
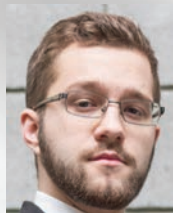
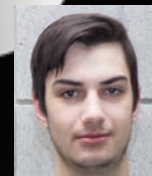
Pit Crew:



Cheerleaders:



Teams:





CARLETON STUDENT ENGINEERING SOCIETY

3390 MACKENZIE BUILDING



/myCSES



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myCSES.ca

WHAT IS CSES?

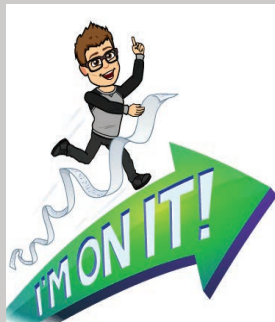
THE CARLETON STUDENT ENGINEERING SOCIETY HAS BEEN SERVING THE STUDENTS OF CARLETON ENGINEERING FOR MORE THAN 35 YEARS.

ITS GOAL IS TO PROVIDE ITS MEMBERS WITH ACADEMIC, PROFESSIONAL, AND SOCIAL RESOURCES TO HELP THEM MAKE THE MOST OF THEIR FOUR (OR MORE) YEARS AT CARLETON. IF YOU'RE AN UNDERGRADUATE STUDENT ENROLLED IN A STREAM OF ENGINEERING, YOU'RE A MEMBER OF CSES.



President
Sasha Christie

Hey C-Eng, my name is Sasha Christie and I will be your CSES President for the 2017-2018 year! My role is to oversee and guide the amazing team that form our council this year. We've already got some great ideas in the works that I can't wait to bring to life. In addition, I am also responsible for managing all partnerships between CSES and other organizations. If you ever see me on campus please feel free to come introduce yourself, I always love getting to know new members of C-Eng!



VP Finance
Kevin Herger

Hello C-Eng and welcome to the 2017-2018 school year! I'm very grateful and excited to be your VP Finance for the year! I take care of anything and everything having to do with CSES financially. This includes Student Group Funding and the SGF committee (make sure to apply for funding!), managing our large budget, ensuring financial transparency, etc. If you have any questions regarding anything at all, don't be shy and shoot me an email (finance@cses.carleton.ca) or talk to me around campus! Don't forget to keep an eye out for and apply to some of our directorships, they're a great way to get involved!



VP Internal
Tristan Durie

Hey C-ENG, hope you had a good summer! I am your VP Internal for the 2017-2018 school year. Come check out First Year Conference (FYC) happening at the start of the year and stay tuned for my Fall term directorship application, if you want to get involved. Please feel free to come and ask me questions about the inner workings of CSES either in person or in by email internal@cses.carleton.ca. Hope you have a good start to the school year!



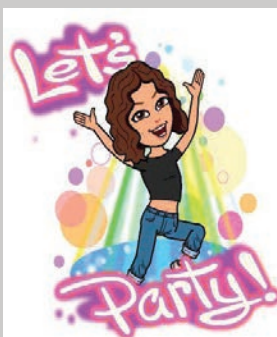
VP External
Johan Prent

Hey there! I'm Johan and I'm your Vice President External for the coming year- I can't wait to meet all of you! So, what does the Vice President External do? Glad you asked! The Vice President External (sometimes called the VPX) is the person who represents you and the rest of C-Eng to external bodies (such as Professional Engineers of Ontario). If you are interested in getting involved with groups outside our school or attending a conference, feel free to come chat with me! Until next time C-Eng!



VP Publications
Cassidy Lang

Hi, C-Eng! I'm really excited to serve you as your VP Publications for the 2017-2018 school year! I'm sure it will be one for the books. I manage all of CSES's media (i.e. the Iron Times, The Gong Show, the website, social media, that kind of thing) with the help of my team of directors. Be sure to check out our website (mycses.ca) or Facebook page for the latest on events, services, and involvement opportunities. If you have any questions about, well, anything really, feel free to email me at publications@cses.carleton.ca or stop me in the hall just to chat. See you around!



VP Social
Julia Ferri

Hello my fellow engineers. While I hope you've all enjoyed your summer, I have done my best to begin planning your favourite engineering events. Soon enough, you will find yourself dancing the night away at this year's semi-formal, making up answers to our trivia night questions, painfully laughing at Yuk Yuk comedies, and most importantly enjoying yourselves in between the heavy loads of school work. I look forward to seeing you come out and experience all that we can offer through our society. Till then!



VP Services
Michael Lanning

Hi everybody! Welcome to the 2017-2018 School Year! This year I'll be serving in my second term in three years as VP Services. What I do as VP Services is run a whole bunch of the... services. CSES offers so much to you, the members, that you should take advantage of. Things like the Textbook Trade that we host and organize, the Textbook Library, the Equipment Loan Program, The Bookable rooms (the Student Group Resource Centre and the CSES Boardroom), Leo's Lounge, the swag sales in the office, and finally the office itself! You may also know me as 'that guy who ran around during frosh week', and you're right! I also do much more around in C-Eng that if you have any questions about any of it, I'll either know the answer, or know the person who does! I also know a decent amount about Ottawa because I'm from here! I went to Canterbury High School, studying Music Performance, so if you like music, I'm also game to talk about that! Have a bangin' year folks!



VP Academic
Caroline Deluce

Hi C-Eng!!! I hope you all had a great summer! I will be your VP Academic for this upcoming 2017-2018 year. My team and I have tons of fun things planned for you this year such as the Carleton Engineering Competition, National Engineering Week, different academic workshops, and new to this year C-Eng GO! and Hebecon. Make sure to check out our new CSES website (mycses.ca) and if you have any questions or academic concerns, feel free to email me at academic@cses.carleton.ca. Have an awesome September!!!

DON'T BE A STRANGER! ANYONE INVOLVED IN CSES WOULD BE HAPPY TO TALK TO YOU ABOUT ANYTHING FROM DIRECTORSHIPS AND EVENT PLANNING TO VOLUNTEERING AT LEO'S LOUNGE, OR JUST SHOWING UP TO EVENTS. IT ALL PLAYS AN IMPORTANT ROLE IN MAKING ENGINEERING YOUR FAMILY AWAY FROM HOME. REMEMBER... EVERYTHING COUNTS FOR FLIGHTSUIT STAMPS.

DISTRACTIONS

IS THIS PRESCHOOL AGAIN?

CAN YOU SPOT ALL 9 FROSH TEAMS IN THIS OLD PICTURE OF MACKENZIE?



HOROSCOPES

ARIES

CAREFUL STUDY OF ASTRAL ALIGNMENTS AND POSITION OF THE PLANETS SHOWS THAT YOU WILL MEET MANY, MANY NEW PEOPLE THIS MONTH. WHO COULDA GUESSED?

TAURUS

YOU WILL PROBABLY FIND YOURSELF IN GLENGHETTO THIS YEAR, AND THIS IS A SIGN TO REPENT FOR ALL YOUR WRONGDOINGS. DON'T WORRY THOUGH, THOSE WHO MAKE IT THROUGH HELL ARE OFTEN BLESSED IN THE END.

GEMINI

SOMETIMES YOU ARE KNOWN AS TWO-FACED, BUT THIS ISN'T A BAD THING. IT JUST MEANS YOU CAN MAKE FRIENDS WITH TWICE AS MANY PEOPLE! GO FOR IT!

CANCER

BE CAREFUL OF YOUR LIQUID INTAKE. DRINKING TOO MUCH CAN BE A PRIME CAUSE OF... YOU.

LEO

YOU'RE ALWAYS VERY LOUD AND ENERGETIC. HOWEVER, THIS IS ONLY TO HIDE YOUR SADNESS AT THE FACT YOUR CLASS IN GRADE SCHOOL NEVER WISHED YOU A HAPPY BIRTHDAY...

VIRGO

THEY ALWAYS CALL YOU VIRGO THE VIRGIN BEHIND YOUR BACK. BUT, UP YOUR GAME THIS YEAR AND YOU MIGHT GET A NEW NICKNAME, LIKE VIRGO THE VERY VAST! UNFORTUNATELY, KNOWING YOU, IT'LL PROBABLY TURN OUT TO BE VIRGO THE VERY FAST.

LIBRA

THE STARS SAY YOU WILL HAVE AN AMAZING YEAR, FULL OF JOY AND HAPPINESS. THOUGH IF YOU DON'T BELIEVE IN HOROSCOPES, ONLY HORRIBLE THINGS WILL HAPPEN. YOU FILTHY UNBELIEVER.

SCORPIO

YOU OFTEN TRY TO PROJECT A DARK AND BROODING ATMOSPHERE, BUT EVERYONE ALREADY KNOWS YOU'RE JUST A NERD. INSTEAD, TRY SOME SMILING EXERCISES WHICH WILL GIVE YOU YOUTHFUL SKIN.

SAGITTARIUS

YOUR ABILITY TO MONKEY THINGS UP IS LEGENDARY, SO THINK BEFORE YOU SNACK- I MEAN, ACT. ALTHOUGH IF WORST COMES TO WORST, YOU CAN ALWAYS RUN AWAY AND JOIN A TRAVELLING CIRCUS.

CAPRICORN

BOTH THE FIRST AND LAST SIGN OF THE YEAR. THIS MEANS YOU ARE A BRIDGE FROM THE OLD TO THE NEW, CONNECTING WHAT HAS BEEN AND WHAT IS TO COME. OR SOMETHING LIKE THAT..?

AQUARIUS

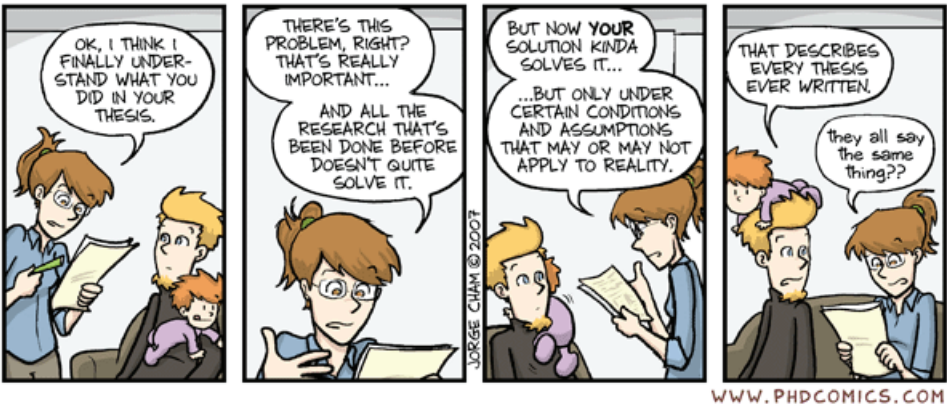
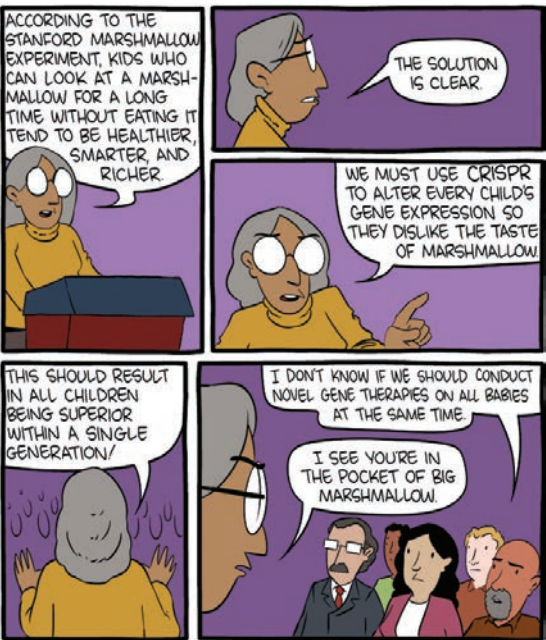
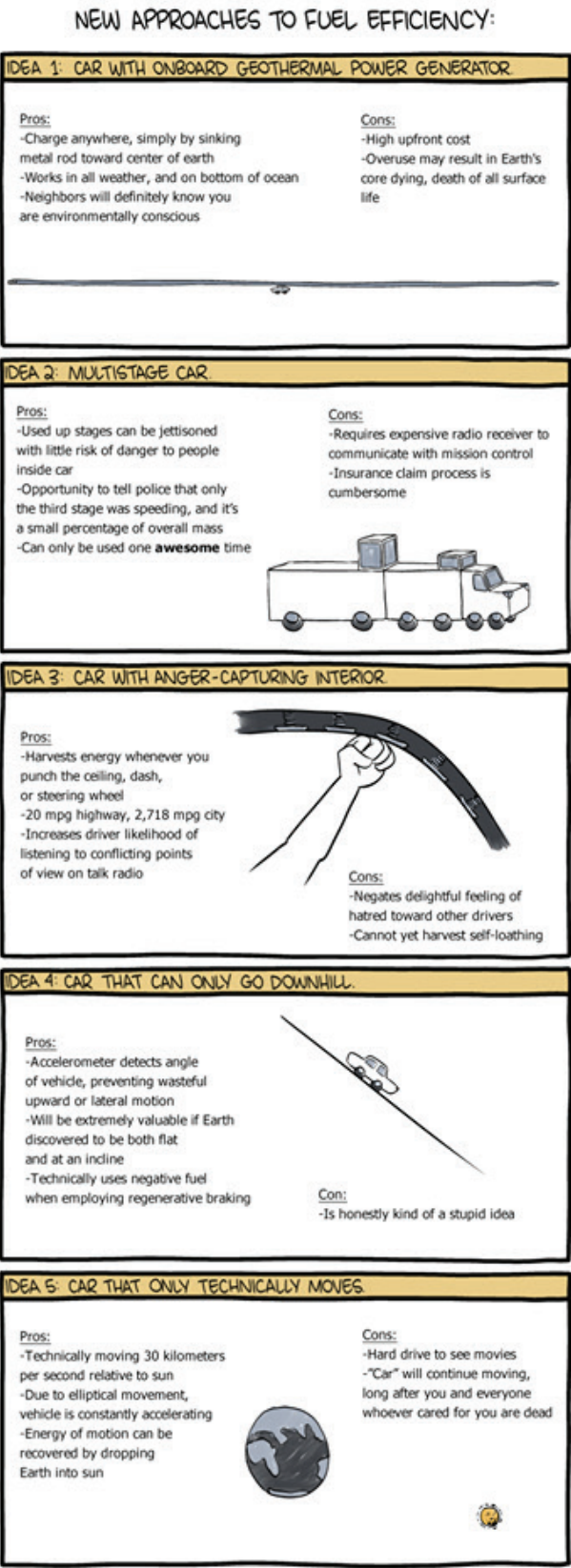
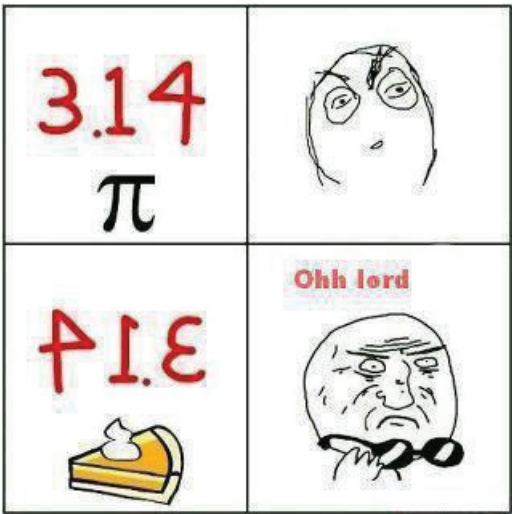
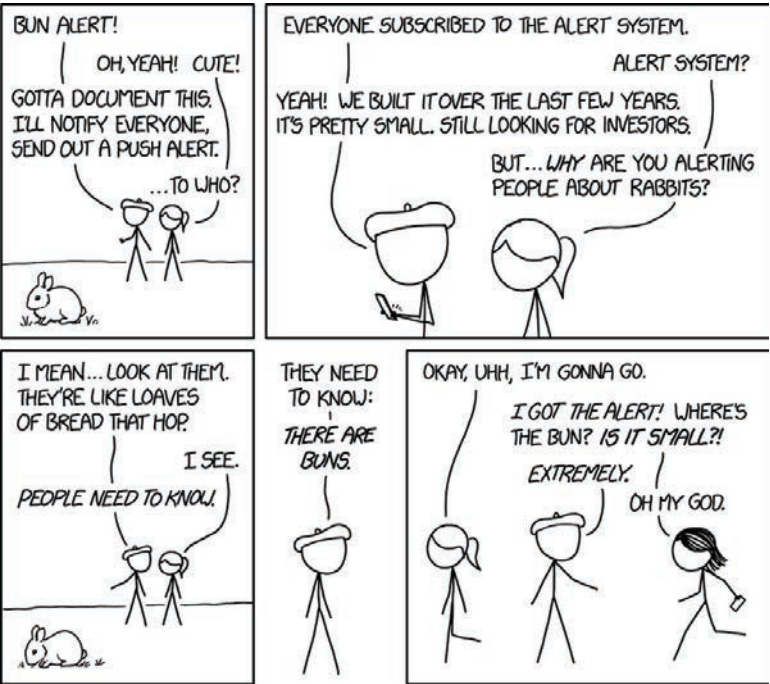
THOUGH AQUARIUS MEANS "WATERY," YOU ARE AN AIR SIGN. SIMILAR TO THIS CONTRADICTION, YOU ARE PRONE TO GETTING CONFUSED BY SIMPLE THINGS LIKE DIRECTIONS. CONSIDER APPOINTING A FRIEND AS A "GUIDE HUMAN".

PISCES

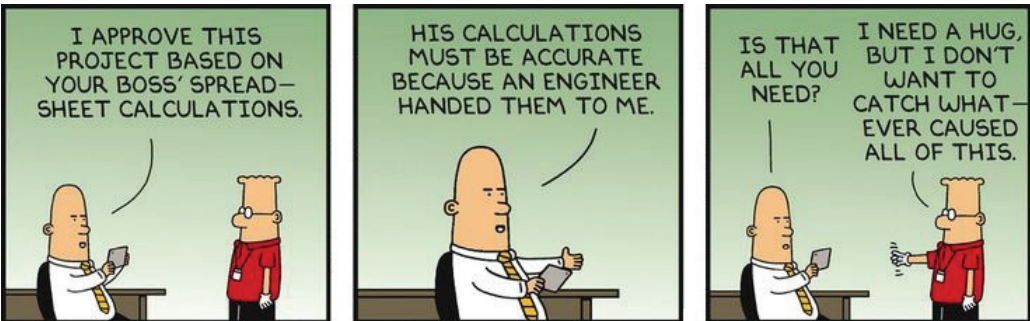
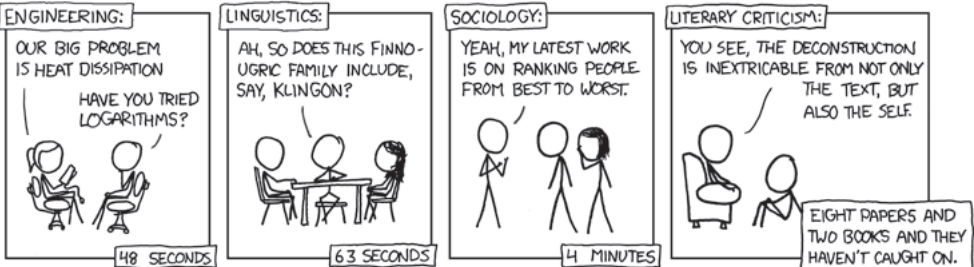
DON'T DO ANYTHING EMOTIONALLY STRESSFUL DURING FROSH WEEK. EXCESSIVE TEARS CAN RUIN A GOOD PURPLING.

DISTRACTIONS

COMICS HERE, COMICS THERE, COMICS EVERYWHERE



MY HOBBY:
SITTING DOWN WITH GRAD STUDENTS AND TIMING HOW LONG IT TAKES THEM TO FIGURE OUT THAT I'M NOT ACTUALLY AN EXPERT IN THEIR FIELD.



NEVER BEFORE HAS DILBERT BEEN SO RELATABLE

LAST CALL

AT LEAST THE CHARLATAN CAN BE USEFUL SOMETIMES

THE IRON MAN MICHAEL "MY MOM'S GONNA KILL ME" AIDE - CIVE IV -



C-Eng Involvement:
EngFrosh x4
(Frosh, Facil, Photographer)
Civil Counsellor
Fed. Rep.

Hailing from: Ottawa, ON
Delicious Dish of your choice:
Hawaiian Pizza... don't @ me.
What would be your dream job and why?
My dream job would be to be a travel photographer with Nat. Geo. Getting to travel, meet new people, learn new cultures and take pictures are things that would make me very happy.
Most Magical Moment:
My life is pretty lowkey. Nothing magical has happened yet.
If you could travel anywhere in the world, where would you go?
Antarctica!
Favourite song/band/genre of music:
There is so much music out in the world. I try to listen to something new all the time and find it difficult to have a favourite song/band/genre.
If you had one day left on earth, how would you spend it?
This is a loaded question. I don't like loaded questions
One quote that really resonated with you:
"If you don't got no sauce then you lost. But you can also get lost in the sauce" – Gucci Mane
Would you rather be unable to speak, or unable to use any electronic devices (for one day)?
Be unable to speak.
What holds the top spot on your bucket list?
Moving to Europe.
Hit me with your best six-second horror story:
Michael Aide broke his favorite camera!!



USES FOR THE CHARLATAN

- > Very absorbent due to lack of actual content. Use to soak up spills
- > Put as a doormat when you want to be left alone
- > Mummify someone
- > Fashion an avant-garde lampshade
- > Bet your friend that they can't fold it in half more than 8 times
- > Make into a hat to protect you from the last of the summer sun
- > Use to create counterfeit bills
- > Stuff into kleenex boxes in case you ever run out
- > Make into an effigy. Burn with extreme prejudice
- > You could read it

THE IRON LADY NICOLE "PG" MACKIN - IMD V -



C-Eng Involvement:
EngFrosh Facil x4
C-Eng Musical x3
Leo's Manager
Bitsoc

Hailing from: Ottawa, ON
Delicious Dish of your choice:
Brie cheese & crackers.
What would be your dream job and why?
Nicolas Cage's film consultant.
Most Magical Moment:
The adoption of my two sons Eric and Henri :) They grow up so fast!
If you could travel anywhere in the world, where would you go?
Somewhere with cool lights, like New York or Tokyo.
Favourite song/band/genre of music:
Believe by Cher. Also pop punk (don't judge me). Any and all mashups.
If you had one day left on earth, how would you spend it?
Finding the loophole in this prophecy and travelling to space or something.
One quote that really resonated with you:
"When a bird learns how to fly, how do you think the ground feels?" – my work lead Kevin
Would you rather be unable to speak, or unable to use any electronic devices (for one day)?
Unable to speak.
What holds the top spot on your bucket list?
Being alive in time for Shrek to have its first official reboot, bringing the franchise to its demise with me.
Hit me with your best six-second horror story:
I did not use version control.

Editor-in-Chief

Gabriel Karam

VP Publications

Cassidy Lang

Special Thanks To:

Everyone who helped make this paper what it is today! There's no way it would be possible without all your contributions and support.

- Footnotes -

Issue Made Possible By:

A certain gr.9 teacher's photoshop lessons
570g of Cheerios®
78 glasses of water
Innumerable questions, all answered

Last Words:

Next issue will be better, I promise~!



STAY TUNED THIS OCTOBER!