

the carleton student engineering newspaper

THE IRON TIMES

Who Owns the World!

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November 2015



Carleton University Green Energy Symposium

Energy Storage and Distribution

Are you interested in Energy Storage and Distribution? How about free food? Well then come check out the Carleton University Green Energy Symposium on Sunday November 15th, 2015.

Located in: River building foyer and room 2200

Be sure to register beforehand at our website: www.sree-society.engsoc.com

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AND MUCH MORE!!!



WARNING: This publication may contain offensive material, and should not be read by anyone who is easily offended. All opinions expressed within are solely those of the writers and contributors, and do not reflect the views of the Carleton Student Engineering Society. This paper is 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: irontimes@cses.carleton.ca



EDITORIALS

Can you tell I'm excited for Christmas?

FROM THE DESK OF THE EDITOR

It's the most
Wonderful time
of the year.



Rebecca "Swallow" Feddema
- Arch Eng III -

So I know what you're thinking, why would November be the most wonderful time of the year? And isn't that the lyric to a Christmas song, ergo the most wonderful time of the year



should be December where there is Christmas?

Well, to that I have one reply: Movember!

November is by far one of my most favourite months because of all the gorgeous facial hair.

I get that some people do not fully appreciate the glorious beard-dom that comes with the close of November, and they have their right to like baby-faced, smooth-skinned whelps. As for me, it's all about that beard doe.

There is also the argument that now that beards have become more popular and 'hipster-esque', the beard is losing its appeal.

Many bloggers state that they are disappointed in the beard-ed men they interact with since many of them are not as rugged and manly as their beard suggests. To this I say "screw it!". Beards are great no matter who they grow on! If you have the determination, and genetic proficiency, to grow a luxurious patch of peach fuzz then you're doing it for me. Who cares if it turns out that you are a bit wimpier than I expected, I can be the one to open jars and fight off bears; I really don't mind.

In addition, did you know that because of the wonders of genetic mutations it is possible for men to have beards that are a different colour than their hair? Also, because of the way our bodies convert the different types of melanin, having just one of a certain mutated gene can cause red hair to sprout even if you're not a redhead! Am I in heaven or what?

Furthermore, as the months get colder, it becomes more and more practical to grow out

your facial hair gents. Why invest in a scarf when you can just grow out your natural face warmer? We're all poor students here so might as well make the more financially sound decision here.

Oh, and did I mention that this whole Movember thing is all in support of men's health? Sounds like a pretty worthy cause. Last year alone \$24.1 million was raised for Movember 2014 in Canada. In fact, did I mention if you register at ca.movember.com you can work towards earning cool prizes and awards for your facial hair fiascos? Even if you don't want to register officially you can still participate in the C-Eng Movember activities! Keep an eye on your Facebook events and check the CSES page for updates on any Movember shenanigans.

And just in case you forgot, beards are great.

A chiselled jaw is great and all, but the maturity and attractiveness of a beard is beyond compare!

Check out ca.movember.com to get information about the Canadian Movember initiatives.



Ginger beards are the best beards!

EDITORIALS

All the men's health!



**Prostate cancer.
Testicular cancer.
Poor mental health.
Physical inactivity.**

These are some of the biggest health issues faced by men.
Together we're tackling them face-first.

[Find out what we're funding.](#)

*"My moustache is doing its bit,
raising funds for men's health."*



Clock changes in Toronto, Ontario, Canada

Next change:

NOV

1

1 hour Back

Nov 1, 2015, 2:00 AM

Start DST:

Sunday, March 8, 2015
1 hour forward

End DST:

Sunday, November 1, 2015
1 hour backward



Also, there is one more very important reason as to why this month is wonderful. And that reason, my friends, is a little something known as Daylight Savings Time. November is the cool laid back partner to the Daylight Savings Time duo. (March being the uptight, jumpy partner) In November we get that all important extra hour of sleep! Sure, it may have been more exciting when we were little. I can remember a time when my

mother would come into my room on the morning of the end of Daylight Savings Time and turn my clock back for me, explaining that I got to sleep for a whole extra hour! I can hardly explain how wonderful that feeling is. But even as adults the taste of Daylight Savings Time is sweet. And sure, there are arguments to the validity of

keeping the Daylight Savings Time tradition, when its usefulness is debatable. But honestly I don't want to imagine a life without that extra hour. Daylight Savings Time is one of those great pay it forward kind of things, but where you get to pay it forward to yourself! Sure in March we are all pretty bummed about losing

an hour. Sleep is very precious to me, so that hour in March is dearly missed. But every year I get to look forward to the day when I get my hour back. Daylight Savings Time gives me something to look forward to in the dreary transition into winter. The perfect pick me up for a midterm riddled month. So even if it's only an hour, and even if the effects will wear off in a few days, let's cherish the oh so wonderful November blessing: Daylight Saving Time!



Nov 1

Back 1 hour

Nov 1, 2015 - Daylight Saving Time **Ends**

When local daylight time is about to reach

Sunday, November 1, 2015, **2:00:00 AM** clocks are turned **backward** 1 hour to
Sunday, November 1, 2015, **1:00:00 AM** local standard time instead

Sunrise and sunset will be about 1 hour earlier on Nov 1, 2015 than the day before. There will be **more light in the morning**.

Also called **Fall Back** and winter time.

More info:

[USA & Canada End DST Sunday, Nov 1](#)

Sleep is my drug



EDITORIALS

This almost makes midterm and final exam times seem pleasant



Ryan “Hell Boy” Waddell
- Arch Eng III -

Welcome to November, the most random month of them all. It comes right after that beloved month filled with fall leaves, Halloween themed events, and everything pumpkin spiced. And right before the blessed month of Christmas, and all things wonderfully wintry. It has two very important causes thrown in as Remembrance Day, and Movember; and is lucky enough to be jam packed with events, and midterms... November takes us on Whirlwinds of emotions. (See what I did there? ;) *Whirlwinds*)

When we leave school for reading week, we're usually

all giddy for the break, with all its relaxing and Halloween themed shenanigans. Most of us have just finished writing midterms, or submitting assignments, and we are thrilled to be done for a week. We get to finish our fall experiences, and do all of the classic fall activities which we didn't have time to do over Thanksgiving. By the end of the week, we're pretty much October'd out. Then comes November. The temperature drops. Any leftover leaves turn brown. The grass starts to die. The wind feels significantly more like hundreds of little needles pricking any bare skin. The casual walk from the Otrain to class starts to become more and more like a full sprint to the closest building (Pro-Tip: Minto is closest) to enter straight into the tunnels, where you'll spend most of this month. When you wake up for class it's still dark out, and for those of us who live farther away from campus, it's usually

dark even when we leave for the bus. The ground begins its daily freeze-thaw cycles. The weather starts to transition into winter. The snow begins to fall from the

sky. At first it's like the October snow, it falls and melts, but eventually the first real snowfall comes, and we're blessed with the wonderful wintry scenes. That lasts about a day before it melts and goes back to the awkward winter weather with empty looking trees, and splotchy grass in fifty shades of brown. Mother Nature teases us with a few wintry days, but nevertheless it's always still too early to get into the spirit of winter. We end up dreaming of December where we'll have real snow, with holiday themed music and decorations. December, where there are exams, but also the end of the semester. November is that awkward random month in between two prime times.

November is a publisher's worst nightmare. Two important times, both are for a great cause, and support key groups, both can be used as themes for publications, but each have very different moods attached to them. These times are Remembrance Day, and Movember. Remembrance Day is when we show our respects for our soldiers who fought, and are

fighting, for our freedom, and safety. It's a day when we celebrate the peace we've been given and we mourn the losses we've experienced to achieve this peace. This is a very serious time, with lots of time for reflection. Then there's Movember, the time where men can volunteer to grow their moustaches out for a full month, regardless of how patchy or unprofessional it may look. These brave volunteers do this to themselves all to raise money and awareness for men's health, specifically Prostate Cancer, Testicular Cancer, Mental health, and physical fitness. Movember has a fun upbeat mood, to promote donations and awareness of men's health. November mixes a serious time with a positive time. Publishers have to decide what them they will be using.

Usually, for a monthly publication you would analyze the upcoming events and base



EDITORIALS

#spoilers

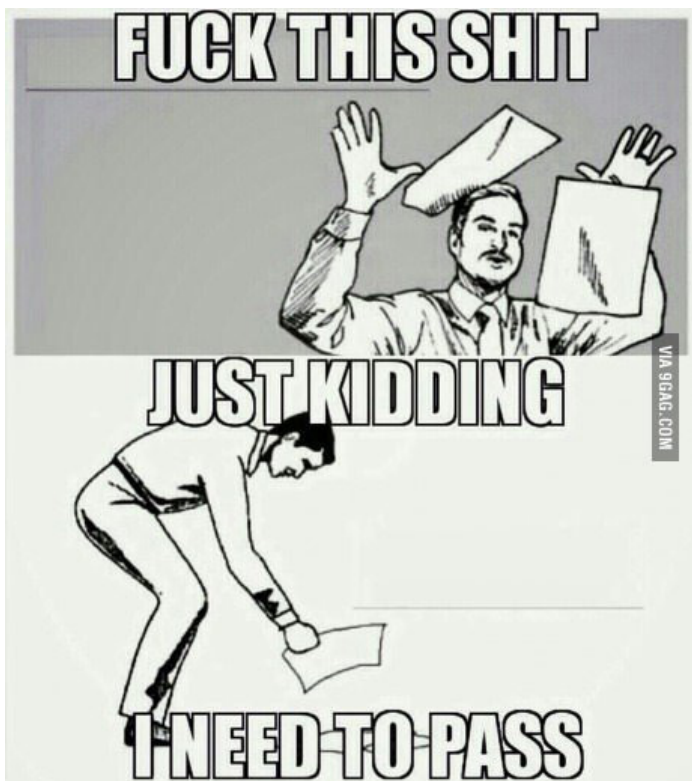
your theme off of them, and their associated moods. But how can you choose between November and Remembrance Day? They're both just such great causes that it would be wrong to say one is above the other. You end up having to try to balance the two together into one theme. This makes a basic publication which gives praise and awareness to both times (again whirlwind of emotions).

So far, we've seen November as a random, awkward, and emotionally confusing month. If what I've said so far hasn't proven how weird November is then maybe the existence of late midterms will. Just when everyone is getting over the midterm slump from October, November lets us all down. Some classes either have two midterms, or just one really late midterm. You think they must

be done since Reading Week marks the middle of the semester right? And exams begin in December, so a November midterm means there's only a month between midterms and exams. That would be just cruel, Professors wouldn't do that to us, right? WRONG! November midterms are a thing, so I hope you all got caught up during reading week instead of wasting your time, because courses start back running as soon as you return from the break. Those of us who are unlucky enough to have November midterms end up sitting at home studying while our lucky friends get to go out and have a grand time doing anything but school. It sucks. November midterms are a constant disappointment in everyone's eyes.

November is also a month which is filled with tons of distractions. If you look at a calendar of all the events in November you'll see that there's basically a minimum of one event every week, and usually one on each day of the weekend. From a semi-formal masquerade, to parties, to competitions, to music filled nights, and even a beard shave off, November is a total distraction.

So there you have, everything good, bad, and neutral about November. All-in-all, it's pretty clear what November is: a throwback to your teenage years. Weird, random, awkward, emotionally confusing, a constant disappointment, and filled with distractions, but in the end it has its really great parts, among all the not-so-great, so it'll all be okay.



Last Night's Recap of



Owen MacIntosh
- BMED Mech I -

Here is last night's Game of Thrones recap just in case you missed it. Well last night's episode was a doozy with more deaths, beheading and nudity, all will be revealed in this stunning recap. The show opened with the titular theme song going duh duh duh duh dada duh da and so forth. The episode opened with Tyrion (the imp)

getting sloshed like a good engineer while patting the severed head of some dun wall soldier. Filler filler filler filler. Then The doctor made Daenaryes his new companion for his tardis going on many amazing adventures before bringing her back to her own space and time. Then a masked man killed John Snow in the dream world before being awoken by Navi in the real world before he left to fight ganondorf. Hodor finally recieved his admission to hogwarts, and Joffery's hand was cut off by lord vader for being a prick before he was tossed in a fiery pit of magma. The episode ending with incest and more dragons from skyrim.



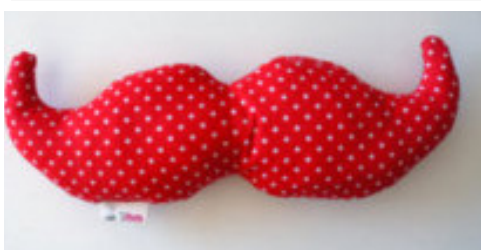


COLUMNS

Them's some good looking pillows



Zoe Crowston
- Arch-Eng IV -



DIY Moustache Pillow:
By Zoe Crowston Arch-Eng 4

It's Movember, the time of the year when you don't care if you haven't showered in days – you still look cleaner than most of the guys around you. For this month I'm using the inspiration of the ideal facial hair and channelling it to make a pillow.



- Things you need:
- A yard of fabric of your choice. The traditional moustache is usually black or brown, but I believe a vibrant pattern can look hella cool.
 - Needle and thread, or fabric glue
 - Stuffing (I find that a cheap pillow from Wal-Mart is the same price as stuffing at Michaels)
 - Newspaper for a template

- Steps:
- 1) On the newspaper, sketch out the shape of the moustache that you want. I'll give you the freedom to figure out the shape and size. If you do one half on a fold in the pa-

- per, you'll get insta-symmetry. Also give yourself a seam allowance, which is adding about a quarter inch to the outside of your pattern.
- 2) Place your fabric on a flat clean surface and fold in half, having the patterned side of the fabric facing inward.
- 3) Place your template on your fabric; if you have any pins use them to keep the paper in place. Otherwise, place some small knick-knacks on the paper – the weight will prevent the paper from shifting around.
- 4) With the patterned sides of the fabric facing each other, sew around the shape leaving a 2 inch gap. I would put the gap in a part of the shape that is relatively straight. If you're going with the

- fabric glue route, be sure to keep the line of glue a consistent distance from the edge.
- 5) Put your hand in the hole you left open and bring the fabric through the hole to turn the shape inside out. Once it's flipped over I would use a pencil to push out any points that you placed in your template.
- 6) Fill it with stuffing!
- 7) Make a blind stitch to close up the hole (Google can describe it more efficiently than I can).
- 8) Give your pillow a big hug!
- 9) Done!



COLUMNS

Kinda like beer goggles, but without the hangover



Katelynn
“Flying Dutchman”
Bolster
- Aero III -

It’s hard to believe that we’re already more than halfway through this semester. Where does the time go, seriously? Wasn’t it just the beginning of the summer? But alas, the cold weather has descended upon us again, and final exams are beginning to loom in the distance. But let’s not focus on all of that darkness!

I remember a year or so ago, I got onto a bus in Ottawa wearing my favourite aviator sunglasses, and the driver asked me, “Is it true what they say? Does the world really look better through rose-tinted glasses?” I have to say, it is true, both literally and figuratively. In the literal sense, those sunglasses make every day look just a little brighter; every sunset or sunrise just a little more vibrant; and every shadow just



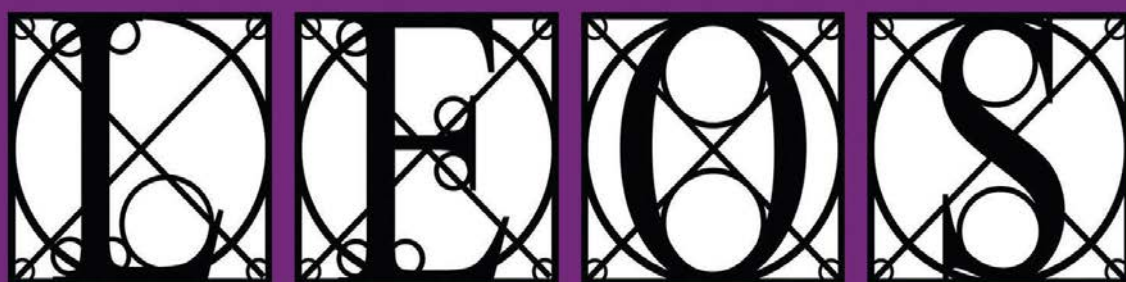
Looking at the World Through Rose-Tinted Glasses

a little deeper. However, everyone can’t go around wearing sunglasses all the time in order to make their lives a little better – it’s not the 70’s anymore! This brings me to the figurative meaning of the rose-tinted glasses: having a positive attitude. I have observed, time and time again, the tremendous impact that having a positive outlook can have on one’s life. As we enter into the darker months of the year, this is something we should all keep in mind. It is so simple to smile at those we pass by in the halls and sit beside on the bus, and this simple gesture can go a long way in reminding others to stay positive as well.

Stuck waiting in line at Tim Horton’s for half an hour? Be thankful that we have so many coffee shops on campus. Miss the bus or have it drive right by you at the stop? Make the effort to strike up a conversation with someone while you

wait for the next bus. Had a really exhausting day, or a midterm/test/lab that didn’t go so well? Try writing a list of 5-10 things that you’re thankful for before you go to bed. And if everything else fails, consider below.

**CAN'T DECIDE IF I NEED
A HUG, AN XL COFFEE,
6 SHOTS OF VODKA,
OR 2 WEEKS OF SLEEP.**



[CANTEEN & LOUNGE]

Cheapest food on campus

3342 Mackenzie
Sign up to be
a volunteer



Coffee	\$1.00
Tea	\$1.00
Muffin	\$1.00
Hot Chocolate	\$1.00
Chocolate Milk	\$1.75
Sandwiches	\$4.75
Naan	\$4.00
Samosas	\$4.25
Pizza Pops	\$2.00
Instant Noodles	\$1.00
Chocolate Bars	\$1.25
Protein Bars	\$1.50
Chips	\$1.75
Bottle of Pop	\$1.50
Can of Pop	\$0.75
Vitamin Water	\$2.00

Hugs, and coffee, and vodka, and sleep simultaneously!



Petit romantic gestures are much more appreciated



From classic literature to the trashiest of chick flicks, romantic gestures are portrayed in so many places. I don't know about the rest of you but I've always thought there was something so strange about grand romantic gestures. Maybe I'm just not meant to be a romantic but the idea of someone singing to me in the rain or filling my house with roses doesn't make me happy at all. In fact, it might be cause for re-evaluating our relationship.

Let's look at a few examples and I'll explain my reasoning.

Probably the most famous romantic text is the Shakespearian "Romeo and Juliette". People marvel at their love and what they were willing to do for each other but let's take a step back for a moment.

Romeo and Juliette were what? Thirteen years old when this whole story transpired? Tell me,



which one of you found your soulmate at thirteen? Even more than that, which one of you would have been willing to die for someone you met not even a week earlier? Not in the heroic "I would die to save another person's life" kind of way either. In the "my life is meaningless without you" kind of way. I'm sorry but you just met and if this is what you're doing after a few days, your relationship wasn't shaping into a healthy one.

This is of course, the most extreme example of romance going too far but even the little things can be questionable.

Let's say you're dating this person and for some reason or another, you got in a fight and they don't want to talk to you. What do you do? Well according to the movies you're supposed to show up at their house in the middle of the night, throw rocks at their window and profess your love.

First of all, what is so romantic about waking someone up in the middle of their REM cycle by scratching their bedroom window with little rocks? Number one, people who just woke up are normally not in a good mood. As engineering students we don't get enough sleep under normal circumstances so don't go ruining what sleep we do get. Number two, why do you have to throw rocks? I rent this place and I want my security deposit back! Don't go damaging my house unless you're willing to pay for it! I mean, wouldn't it be easier to just call me or text me to come talk to you? I have a phone for a reason and if you spam text me, I'm probably not going to ignore you for very long.

Even if throwing the rocks works and we end up talking through the window, you should still tread carefully. This is making a much bigger scene than is necessary or even justified. Couldn't you come to the door like a normal person so we can have a rational conversation like civilised people? We're probably fighting because of some communication issue and this window conversation isn't helping. Not to mention that all of my neighbours and random passersby on the street now know about all of our relationship problems since we're yelling them to be heard despite a two story height difference.

Of course if we were sticking to the theme of grand romantic movie-style gestures, we wouldn't even be having a conversation at all. One person would stand under the window and play love songs up at the other out of a boom box. I'm not sure how your ability to play a love song at me will solve any of our relationship issues but for some reason it works for movie characters all the time. (This must be why nobody has made a movie about my life yet...)

Now I know what you're thinking. What about other romantic gestures, like gifts and surprises? What if you came home to a house full of roses and a string quartet in the true "How I Met Your Mother" fashion? Well once the initial shock wore off, I would likely question a few things. First, how did they get into my apartment? Did I give you a key? If not, we have a problem. Second, are you going to

clean this mess that you've made, or is that on me? I mean, flowers are pretty but their petals can stain and I'm not cleaning my entire apartment because you wanted to be romantic. And finally, how much money did you spend on these flowers? Don't you have better things you could be doing with that money? Pay your tuition! Buy yourself a fancy dinner! Don't go spending that much on a surprise that's cute for a maximum of 5 minutes.

Finally, there's my personal favourite, the surprise trip. This is when your partner plans an entire trip and tells you about it right before you leave. In theory, you get

a vacation without all the stress of planning that comes before. In practice is a little different. I've got responsibilities. I have plans. I can't just drop everything to go on a vacation I didn't know about. Not to mention that packing last minute is an absolute nightmare. On top of all this, I'm a hermit. I need to mentally prepare for social situations and surprise trips definitely don't allow that. You want to surprise me with something? Bring me a chocolate milk when I'm studying or a bag of popcorn when I'm watching a movie.

Maybe my opinions will change but my view from years of being single is that simple is much better than grand when it comes to romantic gestures.



COLUMNS

Now if only songs could give us extra credit

NEED TO PASS

*A Parody of "Need you Now"
by Lady Antebellum*



Gabriel Wong
- MECH III -

Picture perfect textbooks scattered all around the floor
Reaching for the phone 'cause I can't study anymore
And I wonder if I'll ever live this night?
For me it happens all the time

It's a quarter after one, I'm on my lab and I need to pass
Said I wouldn't text but I've lost all control and I need to pass
And I don't know how I can do with labs
I just need to pass

Another cup of coffee, can't stop looking at the time
Wishing it was morning, so that I would know I'm fine
And I wonder if I'll ever live this night?
For me it happens all the time

It's a quarter after one, I'm a little dead and I need to pass
Said I wouldn't text but I've lost all control and I need to pass
And I don't know how I can do with labs
I just need to pass

Oh, whoa
Guess I'd rather fail than have no sleep at all

It's a quarter after one, I'm on my lab and I need to pass
And said I wouldn't text but I'm a little dead and I need to pass
And I don't know how I can do with labs
I just need to pass

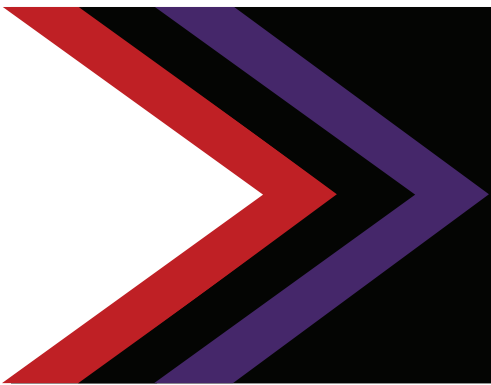
I just need to pass

Oh baby I need to pass

Lyrics by: Gabriel Wong



I think we have confused Lady Antebellum



One step closer to romper mode!



Don Jackson
- CIVE III -

- MATERIALS:**
- Scissors
 - Steel Ruler
 - Zipper x 2
 - Sewing Machine
 - Seam Ripper
 - Cloth Tape
 - Measure

If you've worn your flightsuit, you'll know that it gets extremely warm despite the relatively thin material. One option is wearing it with the top folded down and the arms tied around your waist; the other way is to remove the arms.

This is a challenging mod that requires some basic knowledge of a sewing machine, and considerable patience. Begin by laying your flightsuit down flat and, following Fig. 1, use a cloth tape measure to measure along the seam of your sleeve (where the sleeve meets the body of the suit) then double that number. For me the result

Mindful Modifications for the Fashionably Fabulous Flightsuit

was 24", which was the length of the zippers I purchased from Fabricland.

Next, begin by carefully ripping the stitches of the seam of the sleeve (Fig 1). Some people cut their sleeves with scissors; however, ripping the seam takes longer but pays off in the end with a far more professional appearance. Under the arm, the seam does a double fold and will take considerably longer to rip but again, it is worth the effort (Fig 3).

Next, you need to decide how to place your zippers. Personally I placed mine such that when the sleeves are removed the zipper pull-tab remains with the sleeve and not on the suit. This means reversing the direction of the zipper on one sleeve. The benefit is that you don't have a little zipper pull dangling free and poking you in the arm pit when the sleeves are off. The downside is that it is possible to put your left sleeve on the right side and vice-a-versa. The suit will still be wearable but just feel very



FIGURE 2: SEAM RIPPER

wrong (trust me).

I began on my suit by placing the female end of the zipper starting under the arm and aligned with the bottom center of the arm hole. This is where slowly removing the stitches pays off, as the fabric would have stayed nicely folded over, giving you something to align the zipper to. If you have a zipper foot for your sewing machine, use it, but this can also be done with a standard

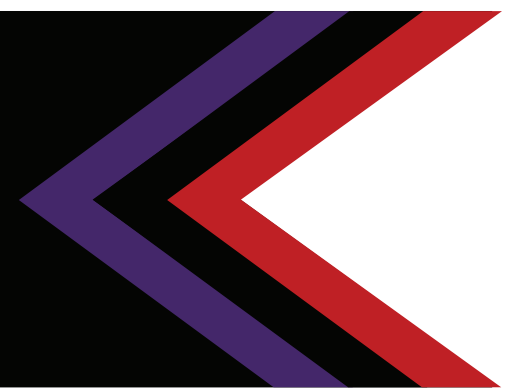
foot. Place the zipper and suit under the needle of the machine and stitch forward 1 cm, then press the reverse button to stitch backward 1 cm (Fig 4). This backward stitching is important, as it locks the stitches. Carefully and slowly continue to stitch along the zipper, trying to keep the same distance between the edge of the suit and the stitching. When you get to the end of the zipper, once again reverse stitch 1 cm,



FIGURE 1: SEAM MEASUREMENT



FIGURE 3: UNDER THE ARM SEAM



Ew, adult responsibilities :P

then forward again to lock the stitching. For a professional look, I did a second line of stitches parallel to the first but offset by 0.2-0.5 cm. The process is the same for the other side of your suit, but if you want to keep the zipper pulls on your sleeves, you will have to reverse the direction of the zipper (i.e. one will pull forward to open and the other will pull backwards to open).

Next, zip both halves of the zippers together and then place your sleeve over the zipper fabric and pin it into place using straight pins. Once you are happy with the placement of your sleeves, unzip the zipper and sew it in place using the machine and the same technique as for the main body. Don't forget to reverse stitch at the beginning and at the end to lock your stitches in place.

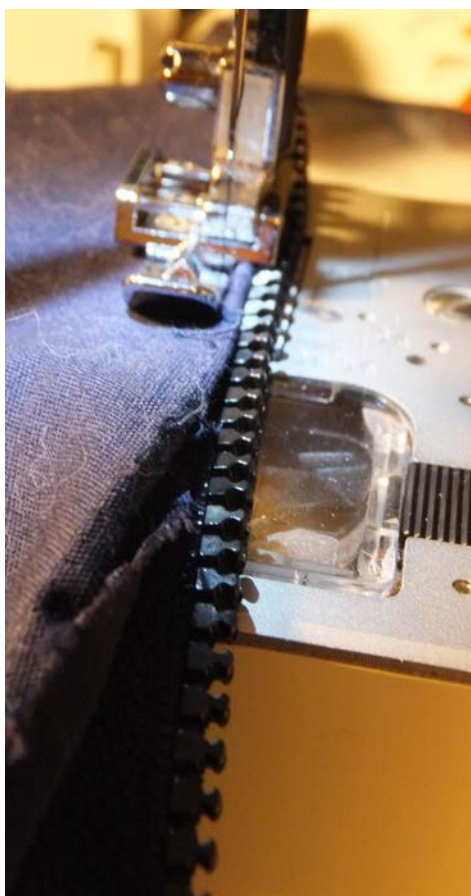
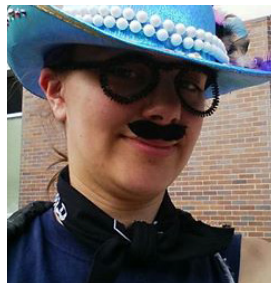


FIGURE 4: ZIPPER PLACEMENT



Julia Pastrami
- Arch Eng III -



This summer I had the opportunity to work in an office setting and let me tell you, my wardrobe was not prepared. When you're just going to class, ratty clothing is pretty much a given but once you get hired and realise that all you own is t-shirts, jeans and hoodies the panic starts to set in.

Never fear c-eng! I have learned some tricks to making even the oldest clothing look almost passably professional. These tricks are great for 4 month co-op positions or any other summer job. (Anything longer and it might be worth it to buckle down and actually buy some professional clothing)

1) Blazers are your friend.
I think we can all agree that a t-shirt and jeans are not very work appropriate clothes. Add a blazer though and BAM! Instant business-casual attire! Sure, they're not the cheapest things to buy but picking up one or two blazers is definitely cheaper than replacing all of your clothes with actual business-casual pieces.

2) Buttons are key.
Look through all of your existing shirts. Among them, bur-

ied deep below old frosh shirts, gym clothes you never wear and that ugly sweater your great aunt gave you is probably an old button down shirt. Trust me, it'll be there. You probably forgot about it long ago since you never wear it because it needs to be ironed and who has time for that? People that work, that's who! Iron that button down and wear it to the office! I don't know what it is, but shirts with buttons are automatically fancy enough for an office setting.

3) Fancy bottom.
So you obviously managed to get the job since your wardrobe is a concern. I'm going to assume this also means that you successfully completed an interview and didn't get your job because your dad knows a guy. This means you must have at least one pair of dress pants or a professional looking skirt. You should now proceed to wear this as often as possible. Nobody will question your shirt choice if you're wearing it with dress pants! As long as you're 50% professional, people don't seem to question it.

4) Fancy top.
This tip is similar to the last one except in reverse. Nobody will question you wearing jeans if you wear them with a dress shirt. Bonus points if you do this on a Friday and blame the jeans on a "casual Friday" dress code.

5) Go the emo route.
It may look bleak but nobody can tell how fancy your clothes are if you wear all black. Are they dress pants or really dark wash jeans? Nobody knows! Complete this with a black cardigan or blazer and it won't matter that you're wearing an old workout shirt!

6) Count on the cubicle.
As a student you'll likely get a job in an office working in a cubicle.

Because of this you'll likely be sitting in your cubicle for most of the day and only interact with people around lunch time or when you're taking your much needed coffee break. Some may see this as sad and anti-social but I see it as an opportunity. Who needs fancy clothes when all people see is the top of your head? Just make sure you comb your hair and you're good for the day!

7) Succumb to the inevitable morning rush.
Let's face it, these tricks will only take you so far and once the late nights out with friends, the binge watching Netflix and procrastinating laundry catches up with you, you'll eventually go to work dressed like a student. For some, you'll hold out until your term is almost over but for the laziest of us out there your resolve might only last a week or two. When that happens you might as well accept who you really are. A student. No point trying to hide it. Maybe when you graduate and are hired for real you'll actually get some office clothes but for now, jeans are going to have to do.





GALLERY

Watch out C-Eng, you're challenging the stereotype of youth apathy

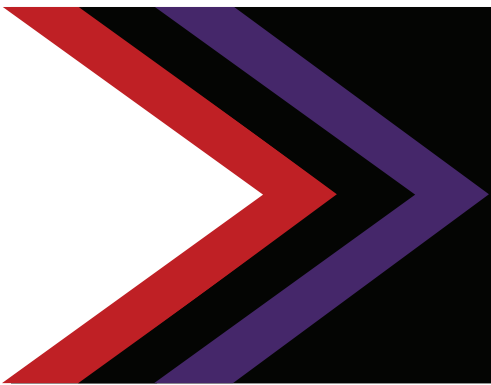


GALLERY

Beer makes everything better!



Those selfies doe



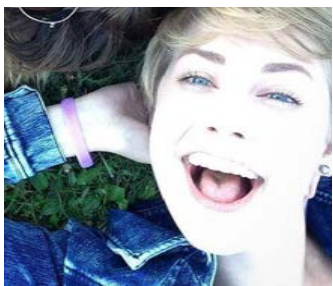
REPORTS

Is there such a thing as an unsheltered first year?



The Second Month

(as observed by a sheltered first year)



Cassidy Lang
- AERO I -

The first month.

If you're anything like me, the moment you stepped on campus was the moment your whole life changed. In rapid succession, you met the people that would be-

come your friends and best friends, those whose names you would never remember, and those whose names you would absolutely remember (if you catch my drift...). Fresh off your summer job, it was never a question of which events you would be attending—if your squad was there, you would be there. You were never too far from some sort of excitement on any given night (which led to overlooked math homework on more than one occasion—lucky the test wasn't

for another couple of days!). Life was undeniably great. And you'd managed a whole eight hours of sleep last night, to boot.

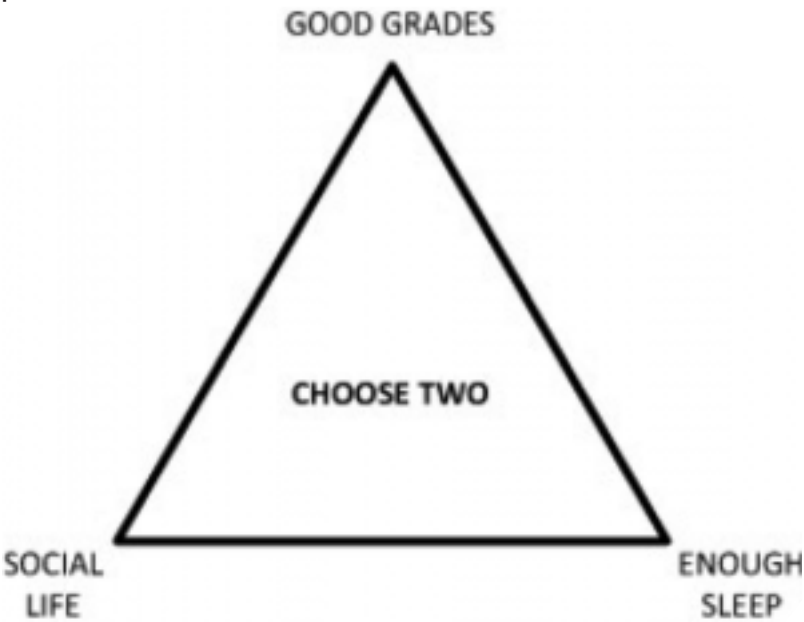
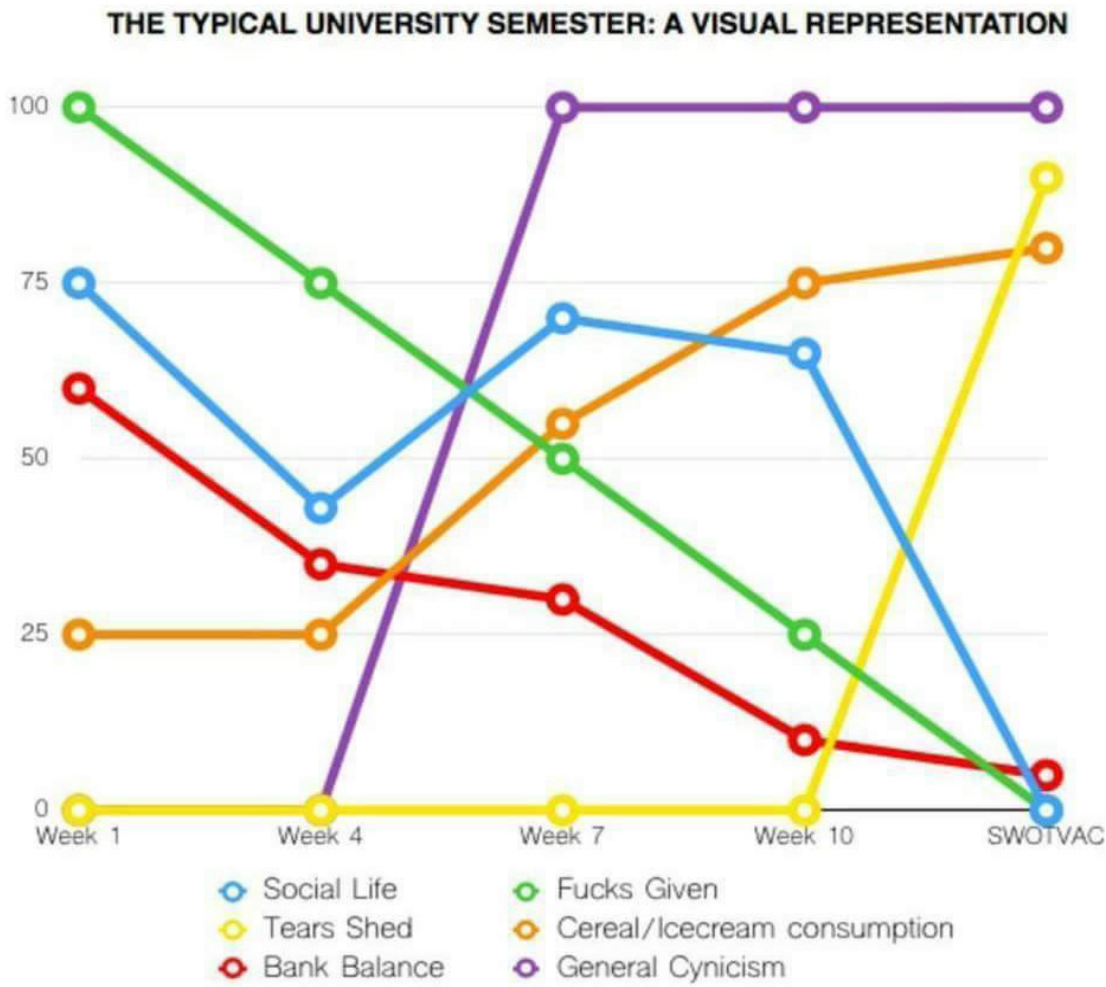
...The second month.

There comes a time when the perception of reality that you knocked to the curb not so long ago begins to rap meekly at the door, asking to be let back in. It reminds you of all the labs and assignments you have due, in fewer hours than it will take you to do them. It appeals to the guilt you're beginning to harbour about how quickly all your hard-earned money is managing to slip through your fingers. It calls to mind sub-par test results from weeks past...

What had you even been doing instead of studying, again?

You don't remember exactly, but you're pretty convinced that it had been worth it at the time.

It's as the true nature of university living sinks in that you discover who your true friends are, since they're the ones who have been getting to see a lot of you at your worst lately. As the nights grow longer and the days grow darker, it's survival of the fittest crew—those who can balance work and play while still managing to sleep at night. If you're anything like me, it's a lot more difficult than you had expected.



REPORTS

Rhyming thing, for the win!

“If I was a Prof”

A Rhyming Thing
By: Noah
“SoundCloud”
Pacheco



My class would start out slow with a pinata and a rave.
I'd say "class, please take your seats... and help me smash this pony's face!"
The pinata would then burst open with chocolate kinder surprise eggs
And I'd almost instantaneously give everyone a passing grade.

If I was a prof, I would have no need for syllabuses.
No silly structured lecture plans but instead, superfluous ridiculousness.
Could be seen as quite chaotic but I'd still be kind of meticulous.
I'd only allow textbooks that contained the word, "mischievous"

I'd teach students how to be awesome, and I'd lead by example.
We'd go on field trips to Costco raiding all of the free food samples.
My office hours would be flexible but would probably be nine to five.
In the evenings, that is, but to no one's surprise.

I'd accept no bribes. Their essays and assignments would prove useless.
I'd criticize them with great prejudice. I'd take no pity, I'd be ruthless.
For punishment I'd give detention. Even if, in Carleton, it's not allowed.
During which I'd make them take shots and smile at them quite proud.

If I was a prof, I'd purposefully allow everyone to eat during class.
We're talking all you can eat buffet with fucking chicken wings out the ass.
And for the vegetarians, a free salad stand just to the left of the podium.
And don't forget an open bar to wash down all that sodium.

I think we'd play games like maybe hangman or 7 up.
Or maybe blast the stereo, turn the lecture hall into a club.
Probably screen a movie. Or two. Or maybe three.
Or have weekend long marathons of every single existing trilogy.

And at the end of the year when the time comes for final exams
I'm going to be honest, I'm not going to give a single damn.
I'd calm my students down. I'll tell them there's only one q
The exam would simply ask "Make a grade suggestion?"

ABCDEFGHIJKLMNOPQRSTUVWXYZ

I'd give them whatever they'd want, of course. I don't actually ca
I tried my best to make them smile, that's all that one can share.
If I was a prof, I really hope that deep down in the end
That my students didn't see me as a prof but instead: as a friend



Final Exam



No new friends!



REPORTS

Washrooms: the one place ECOR 1010 can't get you

Everyone's Business

Haven't you noticed how at your old highschools, there was that one bathroom that you would go to. For the simple reason that it was the best bathroom. Either no one knew about it, or it was pretty clean or it had the least amount of paper wads on the ceiling. (you know, the ones made out of paper towel and soap that you threw on the ceiling just to see how long they lasted) After a couple of classes here while trying to find my way to buildings and eat and study the main problem became

Where are all the good bathrooms?
So I've made it my ob-

jective, in an attempt to simplify the transition from high school to university, to find all the bathrooms. And organized them based on a couple of simple characteristics.

-Cleanliness
This should be pretty obvious, but I'll explain for clarity. If you wouldn't put your pants on the ground it's dirty (3 being top notch clean, 1 being dirty as the bush)

-Space
Does the bathroom have 2 stalls, is there room for your legs to stretch out and not touch the door. (3 being plenty of space, 1 being more cramped than a 4 person sedan car ride for over

five hours)
-Hand drying options
Paper towels? Turbo air? That wimpy air thing that you just end up wiping your pants? (Don't lie we all do this) (3 is Paper towel, 2 Turbo air, 1 wimpy air)
-Amenities
Stuff like good lighting, a hanger for your bag on the back of the door ect. (3 being all the fixings, 2 one or the other but not both, 1 just the plumbing)



EXEMPTIONS
Residence housing and Athletics, in both you would just go to your room or the changing rooms respectively.

Disclaimer:
The Iron Times encourages safe drinking habits. Please drink responsibly and always eat before you drink. On top of this, all of the opinions expressed in the following article are not that of the Iron Times or the Carleton Student Engineering Society, all are expressed out of humour, and are not meant to be directed to any persons in any seriousness. All of the opinions and expressions are solely for the sake of crude humour.

How to Keep it Classy

Party tips from that drunk white girl

Ah engineering, known for its intense work load, flightsuits and general cult-like atmosphere. There's so much to be involved in that your already tiny amount of free time keeps shrinking, but every good engineering student knows that you've got to make sure you have party time! Res parties, other events and best of all Kegger's. Yep, for these next four/ five/ six/ seven years your liver is just going to have to take one for the team! Here are some party tips that this drunk white girl has learned the fun way:

- Always Pre
Remember, you're boring as fuck! You need some stumble in your step to help bring out your fun side, or at

least lessen the debilitating awkwardness. Even if you're getting free booze at the party, a little social lube never hurts. If you're worried about drinking, just surround yourself with a great group of friends who will peer pressure you into drinking until that problem solves itself!

- Chastity Belt of Stupid
If you're a female with a pulse, be prepared for the swarms of hormonal first year boys that are about to



come your way! Engineering is still kind of a sausage fest, so at the first sight of a human with two X chromosomes these poor souls will surround you in a swarm of stuttering and sweaty palms. The best way to dismiss their pathetic advances is by taking advantage of the noise. Just keep smiling dumbly, giggling and saying "what?!"

COLUMNS



What a process just for some facial hair



So we heard Sally Second-year and her boyfriend broke up. If you remember halloween you're doing it wrong so serves you right dumb bitch.

Now for this issue we received a question from Toby Third-year who asks:

"Dear Bae, I've seen some marvelous moustache's (DON-EEEEEEE) around campus, how do I acquire one such as those?"

Well Toby here are a few tips:

- You must defeat a man with a fabulous moustache in hand-to-hand combat - the superior man keeps the moustache. Man may be a walrus.

- Step two - Buy a canoe.
- You must be able to sing 8 octaves better than Freddie himself, once this has been successfully accomplished one will appear on your face.
- Just be magnum π
- Paint your skin yellow, move in beside Homer and vouch your allegiance to Jesus. Your diddly-doo-hole self will then be able to grow the most holy of stache's
- Wax all the hair on your body to make a Ron Burgundy moustache and immediately regret your decision
- Motip: Do not grow the Charlie Chaplin, one man ruined it

for us all.

Now, what do you do once you've acquired the perfect moustache?

- Add some glitter to it! This is a long term commitment, that shits worse than herpes.
- You could dye it! This will

guarantee to get you high as fuck and/or kill brain cells.

- A french braid maybe? Perhaps cornrows!
- Add some colourful beads to it and be as fabulous as a woman who just came back from the caribbean!

But what about the female stache?!

- Sorry we haven't reached gender equality.

but seriously, with all this talk about mustache's, what's a girl to do? well instead of movember, how about takin' the ooch outta you're cooch and partake in decembeaver? it's a perfect alternative! aside from the fact that it doesn't actually help anyone and raises awareness for nothing other than reminding you why you groomed the cooch in the first place. so women of ceng, if you want to take part in this magnificent annual event how about joining in on no shave movember?! you'll grow a layer of hair that's guaranteed to keep you a little bit warmer as canada's harsh winter quickly approaches!

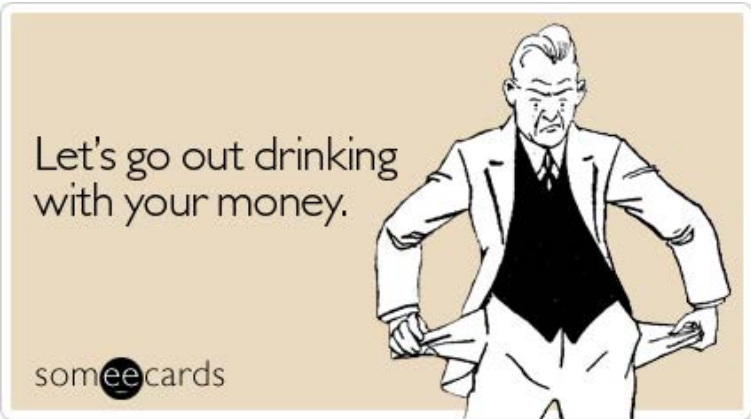


to literally everything they say: They'll figure it out.

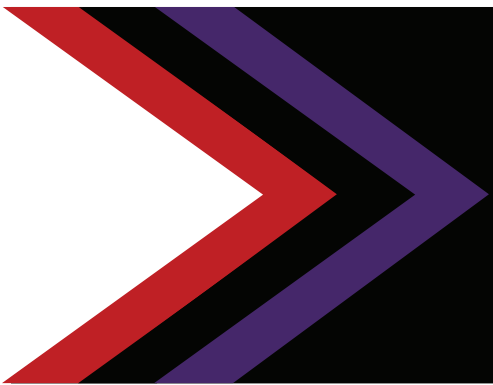
- Think Financially

If you're going to a party where you are going to be paying for your own drinks, take steps to minimize the amount of OSAP your broke ass will waste on booze. Don't eat before you go: Having food in your stomach can reduce the effect that alcohol has on your system. Same goes for water; water is NOT your friend.

Next, make a little go a long way: don't chug that shitty vodka! Savour that shitty vodka. Drink just enough to get shit faced and no more! You'll need the rest of the booze when you get your ECOR midterm marks back!



Thanks for tuning in folks, hope that my wealth of knowledge helps you party like a pro, and remember the best memories are the ones you can't remember!



COLUMNS

Give praise to the increased amount of time and lowered stress levels!



Samantha Champagne
- ACSE IV -

All Hail the 5 (or 6...or 7) Year Plan

- Better grades
- More free time
- Ability to work part time
- Instead of “getting through” engineering, you can enjoy your education

The main cons to taking extra time to complete your degree are money and time. These are valid points, but I believe that the benefits of the 5 year plan often outweigh these cons. Having an extra year substantially increases the enjoyment of school, and allows for the university experience to be less of a means to get a piece of paper with your name on it and more of a positive life experience. As someone who is doing a 5 year plan (and paying for my own tuition), I believe that for me the extra year is well worth the extra time and money.

If you are worried about the cost involved in taking a 5th year, consider taking 3 courses per term for one (or a few) terms. In doing this you are considered a part time student, and so you only have to pay part time student fees (you save approximately \$2000 a

semester, and are still eligible for the Upass). This also gives you time to work part time, get involved, and have a social life. Co-op and/or summer internships can also help cover additional tuition costs.

Are you sold yet?

How to make a 5 year plan:

Step 1: Look up your programs prerequisite tree at Carleton.ca and save it to your computer. Use the latest version of the prerequisite tree when mapping out your courses.

Step 2: Figure out which courses have prerequisites. Do this by looking at your course tree: arrows connect courses to their prerequisites, you need to pass these courses to move on to the next level. Don’t worry though, if you fail a prerequisite all is not lost. It is possible to request an exception so that you can take a course at the same time as the failed prerequisite; discuss this with your departmental advisor.

Dashed arrows indicate concurrent prerequisites, which means that the concurrent prerequisite can be taken prior to or at the same time as the corresponding course.

Take a look so see if any of the course have “2nd, “3rd”, or “4th” above them in small letters. If they do that means that 2nd, 3rd, or 4th year status is required as a prerequisite to take the course.

“Successful completion of all Engineering, Science and Mathematics course requirements in the first year of the program, all English as a Second Language Requirements, and any additional requirements as determined in the admissions process”.

3rd year status: “Successful completion of 4.0 credits from the second year requirements of the program”.

4th year status: “Successful completion of all second year requirements and 3.5 credits from the third year requirements of the program”.

Step 3: Figure out if any of your courses are offered in the summer. Summer courses can give you extra flexibility. Check the public class schedule in Carleton Central, or use the “Build Your Timetable” tool o Carleton Central to find potential summer courses.

Step 4: Make a hypothetical schedule, moving around courses and considering any prerequisites until you find something that works well.

Step 5: Meet with your departmental administrator to discuss your plan. Come prepared with your prerequisite tree and your hypothetical schedule. The departmental administrator will help you tweak your plans and make adjusting your schedule a lot easier.

Step 6: Adjust your 5 year plan as needed, figure out what course load works best for you and enjoy your university experience.

Good luck!

2nd year status:

2015

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2017

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Days of the week: Mo = without holiday

REPORTS

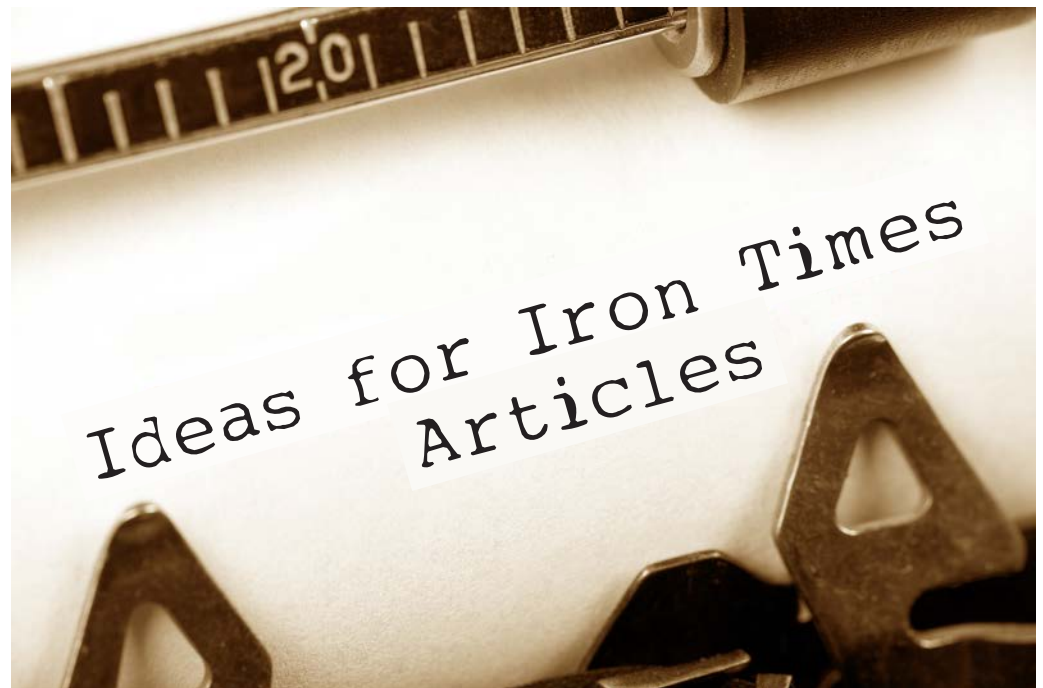


Also, writing will make the Editor in Chief of this paper sleep 100% better at night



Mina Li
- CIVE III -

your brain through all the integrals and forces and how jet fuel can't melt steel beams, for ideas to write about just for the Iron Times. Writing an article just seems so hard without an inspiration. Well, never fear, Mina's here! Same as you I could not think of a decent topic to write about, but really, just about anything will do. So, without further ado, I present to thee, the list of fabulous topics to write about for the Iron Times!



Every month the CSES produces the engineer's very own newspaper called the Iron Times to inform the public of the random thoughts the common engineering student have. So if you're on your way through the Minto Foyer, passing through the halls of Mackenzie, or just wondering around procrastinating on your studies, pick up a copy and indulge yourself. BUT WAIT! Just reading the Iron Times isn't enough! Suddenly you feel the urge to drop everything, open your laptop, create a new WORD Doc file and start writing an article about cats! BUT WAIT! You don't have a cat and or have ever interacted with a cat for some strange unknown reason and now can't write about cats. Now you're lost, without a topic, searching

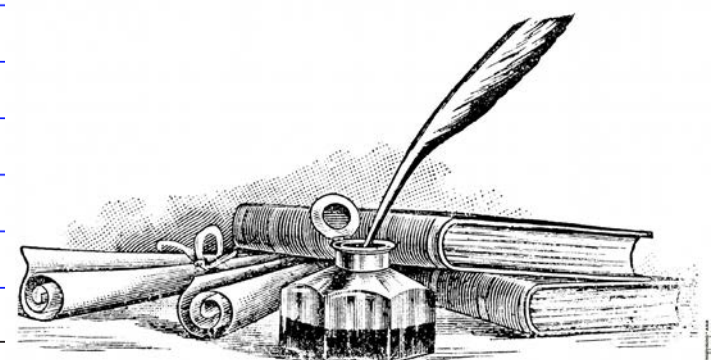
1. Cats (even if you have not interacted with a cat before for some strange unknown reason, pretend, it's called imagination)
2. Your favourite class of the semester
3. Your most hated class of the semester
4. Why are alpacas so much more fluffy compared to llamas
5. Is Obama really a llama in disguise
6. The change in weather (and how it's making everyone sick)
7. The water found on Mars
8. Your favourite restaurant
9. Your favourite flower
10. Can radioactive Venus fly traps eat humans

11. Is a half-sandwich half of someone else's sandwich
12. What came first, the chicken or the egg?
13. Why DID the chicken cross the road
14. Your favourite time of the year
15. What to do when the canal freezes
16. Guide to surviving a zombie apocalypse
17. Why poking a bear is not a great idea
18. Where the best neighbourhoods are
19. Why engineers are the best
20. Something or someone that has greatly impacted your life

21. What super power is the best
22. Which anime to watch
23. Life goals
24. Your family
25. What doesn't kill you makes you stronger
26. Which places to visit around the world
27. Your secret collection of old toenails
28. Tips to dating
29. Navigation around Mackenzie
30. More topics to add to the list of topics

So here you go, some amazing topics to choose from when you're contemplating about writing the next Iron Times article. The most important thing is to remember to have fun when writing an article. Write about what makes you happy, or whatever you're passionate about. Be creative and be you.

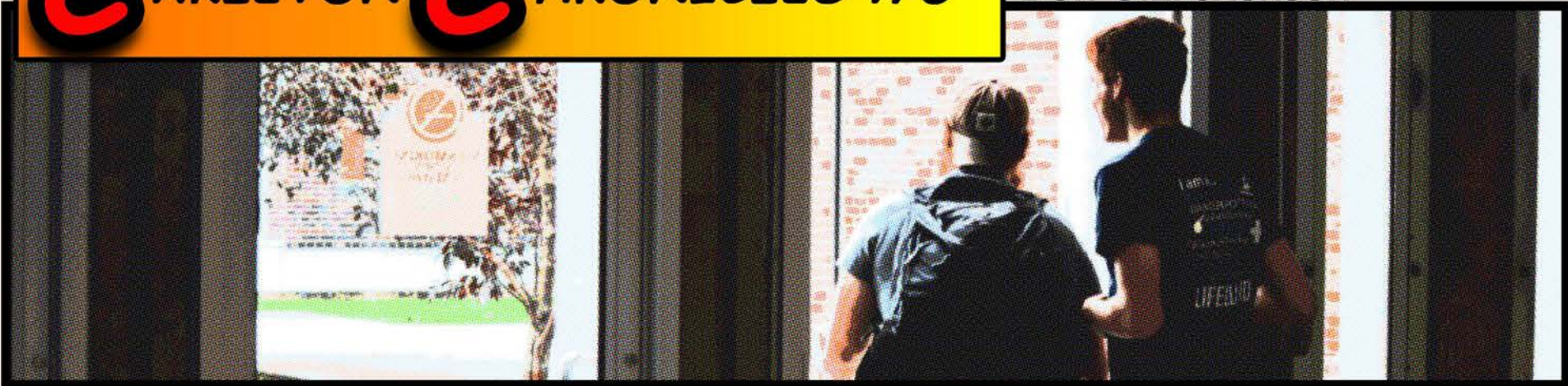
<input type="radio"/>	<h2>Want to write for us?</h2>
	You know you do!
	The Iron Times is always looking for content from the wealth of talents that is the engineering community! Send us your stories, reports, pictures, or comics by emailing irontimes@cses.carleton.ca
	Did I mention it's a stamp?



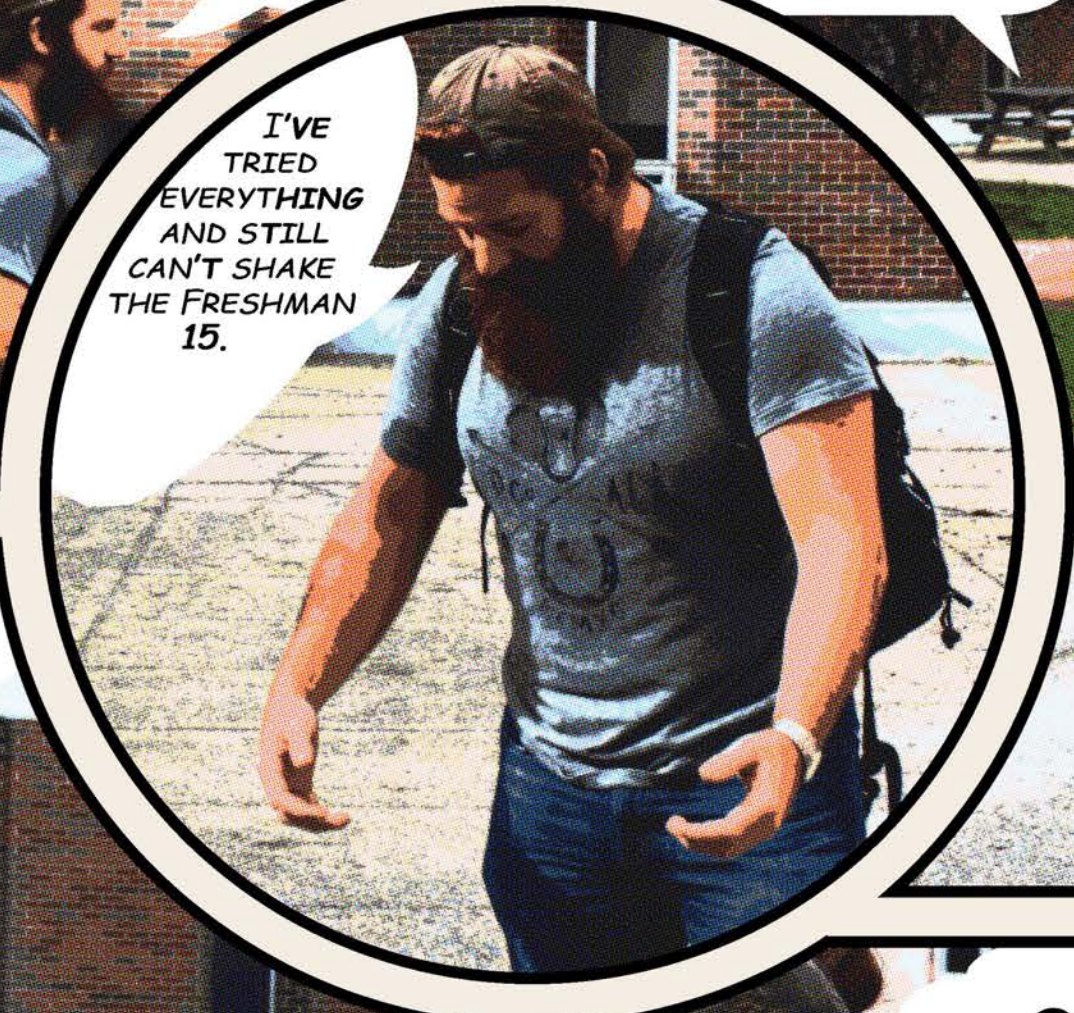
So don't give me the "I don't know what to write" thing!

CARLETON CHRONICLES #3

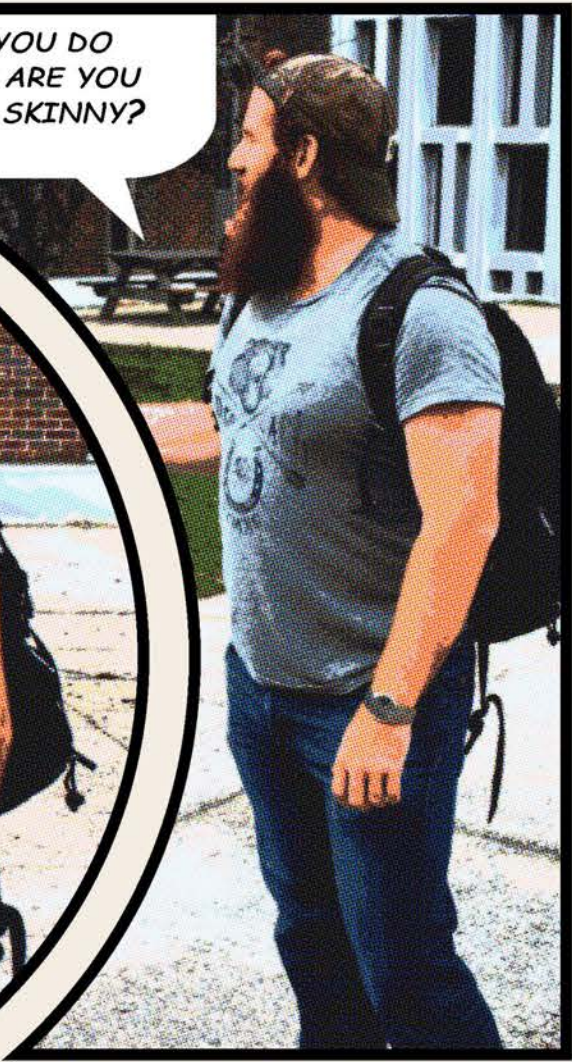
DON G.L. JACKSON



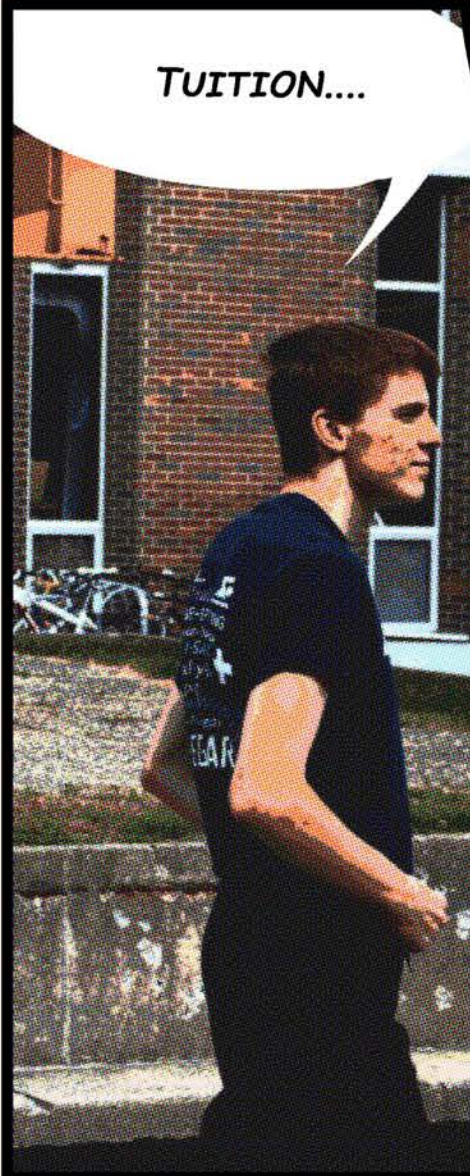
I JUST DON'T
GET IT



I'VE
TRIED
EVERYTHING
AND STILL
CAN'T SHAKE
THE FRESHMAN
15.



HOW DO YOU DO
IT? WHY ARE YOU
STILL SO SKINNY?



TUITION....



?!?!?!?



CARLETON STUDENT ENGINEERING SOCIETY



Alexander's Office
2090 Minto Case



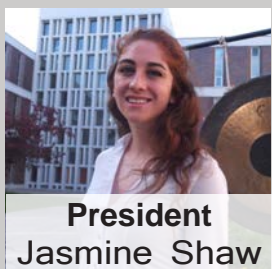
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@MyCSES



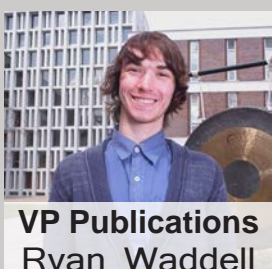
President
Jasmine Shaw

"Another month, C-Eng! I hope midterms treated everyone nicely and that your exam preparation is going well, too (we're getting close!). It was great to see almost 100 members at FGM in October - lovin' it! November is always a busy month - with events such as Whirlwind, Charity LAN and Ring Day, it's hard to find a spare minute! Don't forget to participate in Movember too (ask all your relatives to donate) to show your C-Eng pride. Don't forget that there are still opportunities to get involved; just check out the Directorships page on our website or stop an exec in the hallways. Until next time!"



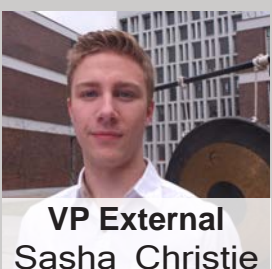
VP Finance
Justine Godin

"October was an exciting month in the finance world! Fall Student Group Funding allocations were made and have been posted on the website. If your club or group missed it be sure to keep your eyes open in January for Winter Student Group Funding! Applications for Networking Sponsorship have opened and the deadline is January 15. Be sure to check it out!"



VP Publications
Ryan Waddell

"Hi C-Eng! I hope you guys are getting ready for the cold weather, and all the extra layers that come along with it! Make sure you add CSES on Snapchat, our username is mycses so be sure to send us the invite! Also, don't forget to look at my available Directorships! If you're into photography, film, social media, web design, or graphic design I have the positions for you!"



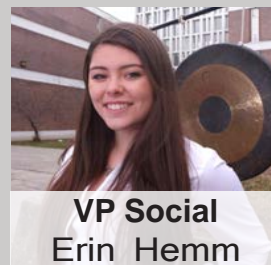
VP External
Sasha Christie

"Hello CSES! Unlike September, October is a chance to recover and prepare for upcoming conferences! The delegation for CDE (conference on diversity in engineering) has been selected and will be in Waterloo from the 13th to the 15th of November attending the conference! Also with October over, we can start looking forward to November (or rather Movember) and all its exciting fundraising events! Make sure to come out on November 2nd to attend the CSES beard shave off! Following the shave-off will be the Movember bake sale on November 9th with plenty of moustache themed treats, so don't forget to bring your sweet tooth! Watch the CSES Movember event page for updates on more exciting events to come!"

WHAT IS CSES ?

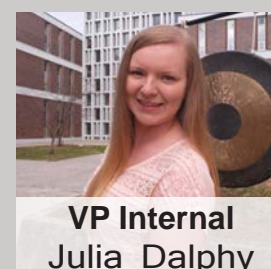
THE CARLETON STUDENT ENGINEERING SOCIETY HAS BEEN SERVING THE STUDENTS OF CARLETON ENGINEERING FOR MORE THAN 35 YEARS.

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.



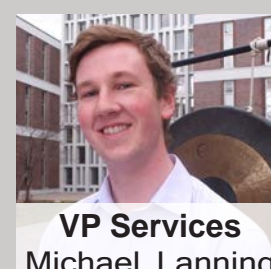
VP Social
Erin Hemm

"Hey C-Eng! I hope you're getting as excited as I am for all the fun events going on in November! We'll be starting things off with EngFrosh Reunion on November 6th by going to a 67's game at Lansdowne. On November 10th you can come out to our mask making workshop to decorate a mask for the semi-formal, Whirlwind on November 13, did I mention the theme is Masquerade? The following week you can come out and support the C-Eng hockey team in their Movember charity game against SPROTT on the 20th, and keep your competitive spirits high for the 24-hour Charity LAN gaming event that will run from the 21st to the 22nd. Charity LAN is one of the deadly sins (Sloth) and this year will feature a board games competition. I hope to see you all out at these events throughout the month and if you have any questions don't hesitate to send me an email or drop in for my office hours!"



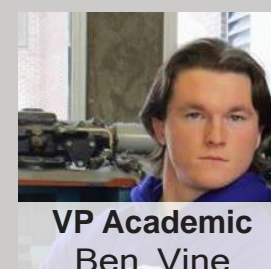
VP Internal
Julia Dalphy

"Last month I was busy with preparing for our Annual General Meeting, and released the NEW, made-over version of the eNewsletter, which you've now been receiving weekly (not on our mailing list? Add yourself on our website)! In November I'll be arranging Fall Pewter mug orders and the Fall Ring Day After Party! I've also begun creating 'Meeting Summaries', so if you wonder what CSES accomplishes on a weekly basis, give them a read! Good luck with the rest of your midterms, C-Eng!"



VP Services
Michael Lanning

"CSES's services have been running smoothly this past month! But as the semester progresses, the weather is quickly getting colder, and I start to bring in some warmer EngSwag! Sweater orders opened up this month, and run until November 13th! Stay tuned for even more warmth in the form of engineering pride, in the coming months!"



VP Academic
Ben Vine

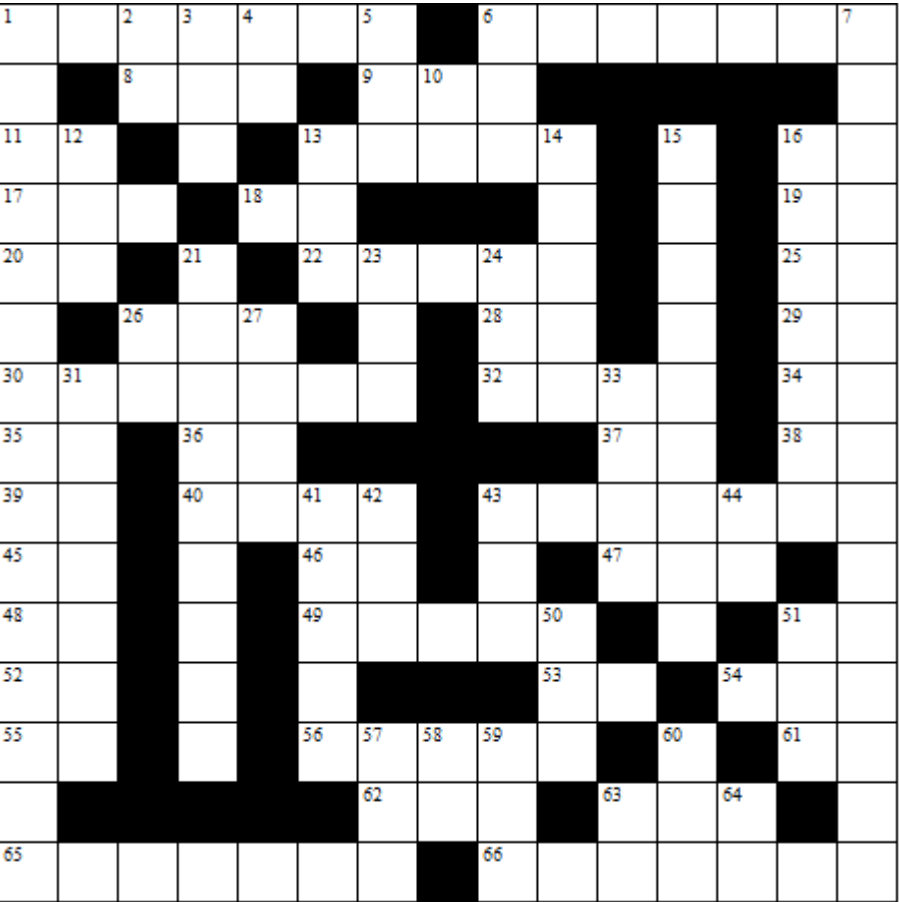
2ND YEAR ELEC. "Hello my fellow engineers, I'm Ben Vine and I'm very excited to be your VP Academic this year! Some of the things I do for the community are oversee the operations of the Carleton Engineering Competition and National Engineering Week, keep the exam library organized and as up to date as possible, organize academic workshops throughout the year, and am the liaison with the Faculty of Engineering and other departments for academic concerns. One thing I've learnt from first year is that getting involved is the key to make your university experience greater. If you have any questions or suggestions for me, I am more than happy to hear them!"

JUST TALK TO ANYONE INVOLVED IN CSES, OR FIRE OFF A MESSAGE! EVERYTHING FROM DIRECTORSHIPS, TO EVENT PLANNING, 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, AND EVEN MORE IMPORTANT THAN FAMILY: EVERYTHING COUNTS FOR FLIGHTSUIT STAMPS.

PROCRASTINATION

Mmm yes... Words and things... I see

Crossword



DOWN

1. CPU input that demands priority (2 wds.)

2. Chemical symbol for helium

3. Charged particle

4. Filter type that blocks frequencies in a specified band (abbr.)

5. Base of the decimal number system

6. Electromagnetic interference (abbr.)

7. Radio receiver scheme which beats or heterodynes a second radio frequency to the incoming radio signals

10. Chemical symbol for cadmium

12. Low Noise Amplifier (abbr.)

13. International Reply Coupon (abbr.)

14. Today, with 41 Down

15. English theoretical physicist who created the delta function now named after him

16. Passing of a planet in front of the sun

21. Ham slang for QSL cards, awards, special event certificates

23. Direction of carbon fiber strands

24. Circuit for maintaining constant voltage (abbr.)
26. Ratio of circumference to diameter

27. Upward force generated by an airfoil

31. Adjusted

33. Material testing organization (abbr.)

41. Today, with 14 Down

42. Effective Radiated Power (abbr.)

43. Stock symbol for National Semiconductor

44. Army-Navy specification prefix

50. Last stage in transmitter (abbr., pl.)

51. It can follow an MS

57. Using the moon as a passive reflector to establish a signal path; moonbounce (abbr.)

58. Analog-to-Digital (abbr.)

59. Lower sideband (abbr.)

60. Large unit of apparent power (abbr.)

63. Chemical symbol for thallium

64. One port of an amplifier

ACROSS

1. A control input to a counter

6. Type of reconfigurable memory (abbr., pl.)

8. Electrical overstress (abbr.)

9. Electronic warfare defense (abbr.)

11. Chemical symbol for thallium

13. International phonetic alphabet letter "I"

16. Test point (abbr.)

17. Last statement in a BASIC program

18. Chemical symbol for bromine

19. One component of a complex number (abbr.)

20. Chemical symbol for radium

22. Opposite of set

25. Chemical symbol for argon

26. Programmable logic device (abbr.)

28. Chemical symbol for lithium
29. Unit of inductance (abbr.)

30. Small computer program that performs some very useful function

32. Encased in a protective covering

34. Chemical symbol for selenium

35. Chemical symbol for praseodymium

36. 30 kHz to 300 kHz

37. Chemical symbol for silicon

38. Network department (abbr.)

39. Semiconductor and calculator company (abbr.)

40. Teflon (abbr.)

43. Type of aircraft dope

45. Abbreviation for minimum voltage

46. Type of logic gate

47. ELI the ICE ____
48. 1/6 inch printer's measure

49. The LM741 was the first

51. Chemical symbol for polonium

52. European equivalent to the U.L.

53. Sound frequency in the human hearing range (abbr.)

54. Amplifier linearity specification (abbr.)

55. Time delay (abbr.)

56. Creates an impenetrable physical barrier

61. Chemical symbol for dysprosium

62. Lowest power level capable of being demodulated (abbr.)

63. Television Interference (abbr.)

65. The "R" in RPN

66. Make equal

Horoscopes



Aries

NOW MIGHT BE A GOOD TIME TO START ON THAT CCDP PROJECT, YOU KNOW, BEFORE THE SEMESTER IS COMPLETELY OVER.



Taurus

NO MATTER HOW CHILL YOU MAY BE, PLEASE REMEMBER TO WEAR A SWEATER.



Gemini

HALFWAY THROUGH YOUR FIRST GROUP PROJECT YOU ARE QUESTIONED BY POLICE ABOUT THE SUSPECTED HOMICIDE OF THREE OF YOUR GROUP MEMBERS



Cancer

WEAR MORE PINK LIPSTICK.



Leo

YOU AND YOUR FRIENDS MAKE THE TREK TO A QUEBEC BAR, HOPEFULLY YOU MAKE IT BACK BEFORE FINALS.



Virgo

WINTER IS COMING, SO ARE THE GAINZ! WHY GO OUTSIDE WHEN THE TUNNELS LEAD STRAIGHT TO THE GYM.



Libra

YOU'VE CAUGHT OCTRANSPO-ITUS



Scorpio

YOU WILL BUY THREE THINGS THIS MONTH THAT WILL LAST ON THE EARTH LONGER THAN YOU WILL.



Sagittarius

STOP SPENDING MONEY. WE CAN'T GET YOU CHRISTMAS PRESENTS IF YOU BUY EVERYTHING FOR YOURSELF IN NOVEMBER.



Capricorn

STARS HAVE ALIGNED AND THE SPRITS ARE PLEASED, SO GET A HAIRCUT.



Aquarius

GROW OUT YOUR FACIAL HAIR TO HIDE THOSE HICKIES.



Pisces

TRY TO MAINTAIN COMPOSURE AS THE INCREASED AMOUNT OF FACIAL HAIR FLUSTERS YOU.



Never trust a ginger engineer

AN ENEMY SOLDIER HAS BROKEN THROUGH THE LINE

KING ME

IF YOU'RE ANYTHING LIKE ME, YOU MAY HAVE TROUBLE TELLING WHEN MEAT IS FULLY COOKED. INSTEAD OF GUESSING, TRY A MEAT THERMOMETER!

IF YOU'RE ANYTHING LIKE ME, YOU PROBABLY THROW AWAY YOUR PLATES AND GLASSES WHEN THEY GET DIRTY. BUT IF YOU CLEAN THEM, THEY CAN OFTEN BE USED AGAIN!

MAKING SCRAMBLED EGGS? PUT A PAN UNDER THEM! IT'S EASIER, AND IT KEEPS YOUR BURNERS CLEAN.

IF YOU'RE ANYTHING LIKE ME, YOU MAKE ICE BY SPRAYING A HOSE INTO YOUR FREEZER AND THEN SLAMMING IT SHUT. BUT THERE'S A BETTER WAY...

YOU WERE HIRED TO BUILD A SUSPENSION BRIDGE!

I KNOW.

THIS THING COULD COLLAPSE ANY MINUTE!

PROBABLY!

THIS IS COMPLETELY UNSATISFACTORY!

YOU MEAN YOU CAN'T FEEL IT?

FEEL WHAT?

SAFELY ENDANGERED

I BRUSH AWAY NASTY PLAQUE

I MAKE YOUR BREATH FRESH

AND I CAN HELP YOU STRANGLE YOUR ENEMIES

Man, I'm still pretty bummed Halloween is over.

Where does the time go?

Like I spent a whole month excited and now I'm just...

WHAT?!

I CAN'T HEAR YOU FROM UP HERE.

THE SUSPENSE!

Bobby Broccoli's FABULOUS Back to school tips #17 Think before you complain

I thought about complaining to you, but I realized while that has a 20% chance of fixing things, this has a 100% chance of you having slashed tires.

LAST CALL

So much vomit!

Hometown: Kitchener (Go Rangers Go)
C-ENG Involvement: Social Ace, VP External, VP Internal, CSES Advisory, Carleton Engineering Competition Director, C-ENG Musical Dancer (x3), OEC Competitor (x2), OEC 2017 Co-Chair, EngFrosh Facil/Head/Spirit
Theme Song: Every time We Touch by Cascada
Who would you let punch you directly in the face? Emma Watson
What's the weirdest place you have unintentionally vomited? My backpack in the Renfrew TV Lounge
What's the weirdest place you have intentionally vomited? Canadian Tire Centre after chugging expired chocolate syrup
Which Interstellar character do you most identify with? TARS!!
What is the naughtiest gift you've ever received? A book on how to tie knots ;)
What is one thing you would put on your bucket list? Travel north to see the Aurora Borealis
Favourite thing about C-ENG: The community around it. You get the sense that everyone is trying to help you along and make these 4, or 5, or 6 years the best!
Advice for first years: Don't be afraid to get involved and step outside your comfort zone... also watch out for Skittles vodka

The Iron Man
Zac Ikarus Bandura
- AERO IV -



USES for the CHARLATAN

- > Submit in place of an ECOR assignment. In their confusion the TA might just let you pass
- > Craft a pair of swords out of it to duel people on the bus, loser has to give up their seat
- > Construct paper fans to keep yourself cool in res after they finally blast on the heat #NoWindowsFor-Glengarry
- > Begin cutting out words to make into your final CCDP report, cheaper than printing
- > Shred into tiny pieces and sprinkle outside to disappoint students eagerly waiting for the first snowfall
- > Make a mask for Whirlwind, no one will recognize you!
- > Why buy a new dress for Whirlwind when there's free paper?
- > Make all the paper snowflakes to distract you from midterms and brighten up your room!
- > ~~You could read it~~

The Iron Lady
Michelle "Destructive Cleaning" Davis
- AERO IV -



Hometown: Hamilton ON
CEng Involvement: EngFrosh Facil/Head, CSES VP Internal & Publications & Advisory Officer, FYIC'14 Sponsorship Chair, Carleton Engineering Competition Director, Graphic Design Director, Iron Times Writer and Editor, two time OEC Competitor, OEC'17 Co-Chair, #BOT Member

Theme Song: Black Dog - Led Zeppelin
Who would you let punch you directly in the face? Shia Labeouf
Whats the weirdest place you unintentionally vomited? On Zak's pants.
Whats the weirdest place you intentionally vomited? Nofrill's parking lot after doing the Redbull Milk Challenge.
Which Interstellar character do you most identify with? MURPH!
What is the naughtiest present you've ever received? A replica mould of someone's penis.
What is one thing you would put on your bucket list? Travel the world and eat all of the different ethnic foods.
One favourite thing about CEng: It's impossible to choose one thing because everything everyone does to contribute to the community is priceless. The atmosphere and acceptance of these amazing people make CEng what it is and I hope it never changes.
Advice for First Years: Put a lot of time and effort into your extracurriculars and twice as much into your studies. You're here for only a few years so make the most of it!

Editor -in-Chief
Rebecca Feddema

VP Publications
Ryan Waddell

Thanks To:
All of the fantastic writers, columnists, photographers, and the like who filled these pages with their wonderful nonsense.

- Footnotes -

This Issue Brought to you By:
• Not doing dishes for a week
• 3 shots
• Ogling all the facial pictures there are
• The survival of 5 midterms
• AND only 80 searches in the ultimate fountain of knowledge: Google

Apologies:
That's a December thing, what else could we possibly get you for Christmas?



COUNTING THE DAYS UNTIL WE'RE BACK IN DECEMBER