MO'S NAP

Guelph's most trustworthy source of engineering news!

TUESDAY NOVEMBER 26TH, 2024 ISSUE 2

This publication does not represent the views or opinions of the Guelph Engineering Society, its advertisers, the School of Engineering or the University of Guelph. It does however represent the finest of student reporting - or something like that.

ENGINEERS VS AGGIES GETS HAIRY



Dr. Clemmer sports his 'stache to support men's health - What a handsome fellow! Congratulations on winning the 'Best Faculty Stache'. Not that any other faculty applied.



OJ opted for a full face of hair - impressive! Congratulations on winning the 'Best EngSoc Stache'. Do you not look like this all the time though? Whatever, it looks great!

In support of Movember, Engineers and Aggies alike sprouted some mustaches and some change to donate to the Movember foundation. Most donations wins! But really, everyone is a winner when we come together for a good cause.

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Games, gossip, and more!

ENGSOC Gets Hairy



Congratulations to the winner of "What is Raf Thinking" for a topical submission. If you find Raf's mustache first you can just keep it.

Great news! November ends in only a few days, at which point many of our very own Guelph Engineers will be shaving off their Movember staches and peace will be restored to THRN. Though, no matter how patchy, we here at O'Snap appreciate the open support for men's health this month, and all the donations made to the Movember foundation.

Strangely, EngSoc President Raf's mustache disappeared midway through November... if you find it in THRN please return it to the EngSoc office at your earliest convenience.

Semester Intramural Highlight Reel

Because engineers can play sports too!
(Except for men's hockey apparently)

Women's Competitive Ice Hockey
Final Rank: 1st (5W, 1T)

Men's Recreational Ice Hockey
Final Rank: 8th (0W, 6L)

Co-ed Recreational Soccer
Final Rank: 3rd (5W, 2L)

Co-ed Competitive Dodgeball
Final Rank: 7th (2W, 4L)

Co-ed Open/Fun Volleyball
Final Rank: 5th (4W, 4L)

Congratulations First Years! It's Only Downhill From Here

By Mac Hilborn

I wanted to start off this edition by giving a massive shout out to our first year population for a successful Teddy Bear Wheelchair design iteration. Not to sound like a boomer, but in *my* year, we had to make a boat AND a car. And our car had to navigate a maze. **AND** there was no easy motor controller, just that damn microchip. But congrats on your car driving in a straight line or whatever.

In all seriousness though, congratulations everyone. First year is a hard year for many people and is hard to be thrown into a design situation with a bunch of other people you don't know who have wildly different backgrounds from you and probably still need their mom to cut up their food for them. If you've survived this long... I am sure you will survive a bit longer. I don't want to inflate your egos too much though.

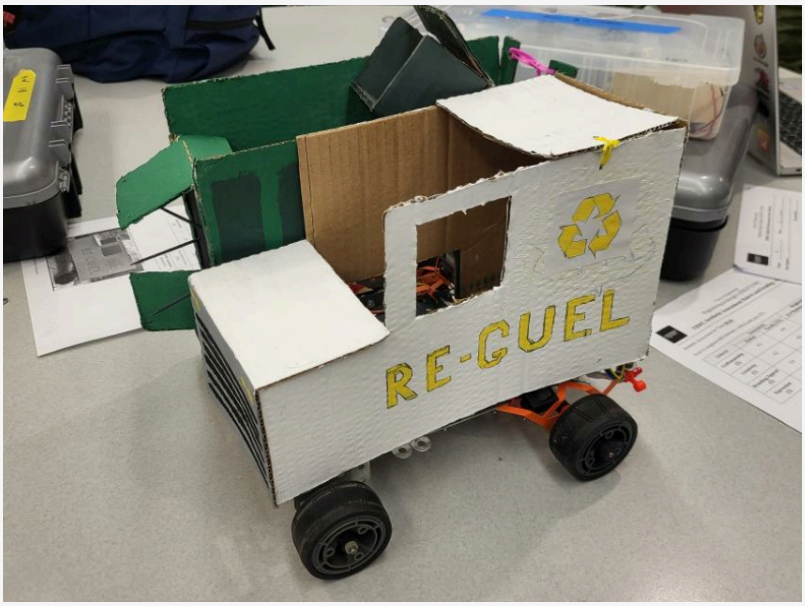
Special shout out to the group who's car is pictured on the right for getting perfect in **every category**. Have you considered dropping out and enrolling in a better engineering program?



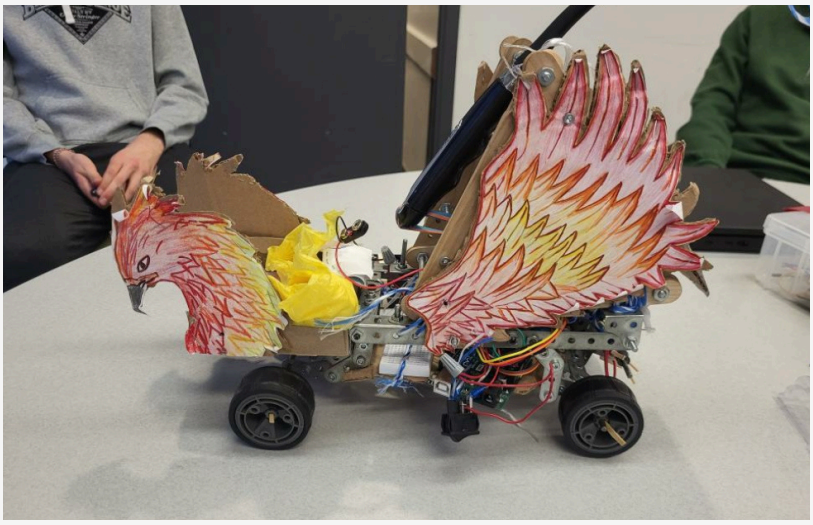
Now THIS is a sedan I'd trust!



Did you know that the Mars Rover was first tested with feline passengers? They had to switch to Teddy Bears because Curiousity killed the cat.

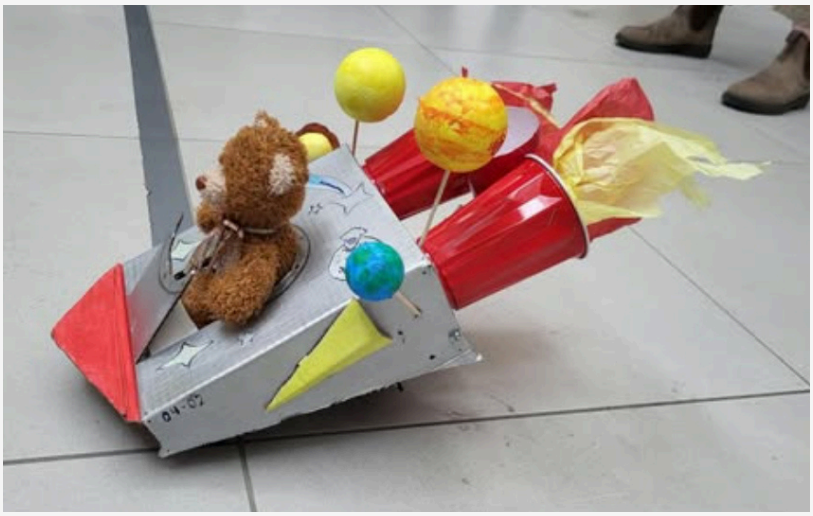


What a dump! Haha, get it? Guys…?



And like a Phoenix these first years will rise from the ashes of their first exam period…





It doesn't take a rocket scientist to design this sweet ride but it did take some Guelph engineers. Good work team!

Measuring Success in Engineering

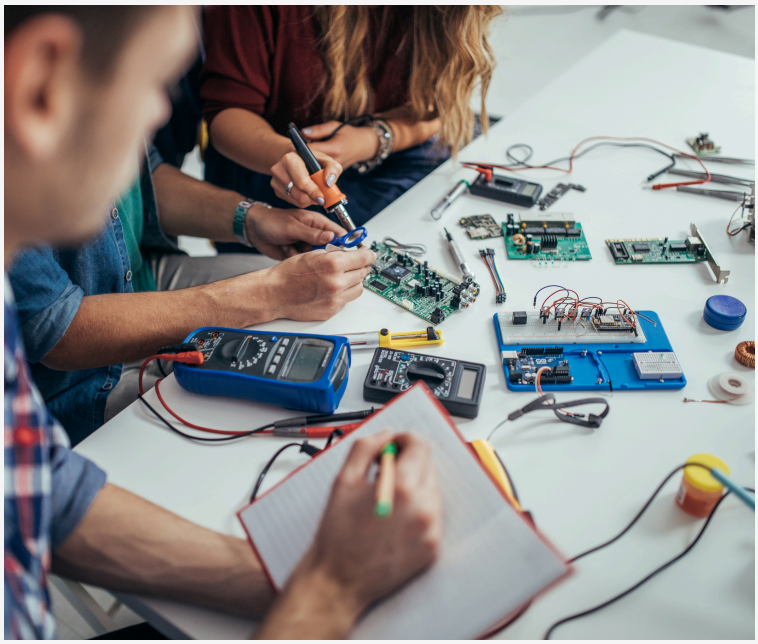
By Sabine Hamze

The first year of university is scary. Moving away from home, not being with your friends, entering a brand new chapter of your life; this is enough to stress anyone out. During my academic orientation, I remember the first thing I was told was that my grades would drop. Everyone I talked to warned me about it; “Just be prepared, your grades are going to drop compared to high school, and that's ok”! Being someone who always did well in high school, hearing that is scary, and on top of all the other new things in first year, it’s safe to say I was terrified. How am I supposed to succeed in engineering if I can’t get good grades? Starting out, we all knew what we were getting ourselves into, and with that, we were aware that being successful in this field is difficult, and needs a lot of work; but after attending the First Year Integration Conference, I learned that there is more than one definition of success, and there are so many ways to be successful in this field.

The first year in any discipline is about learning how to learn.

It’s about learning what works for you when it comes to studying, making your schedule, or anything else that comes with being a student. It's about discovering what you are capable of doing with the toolbox you’ve been given, and how you can use it to your advantage. No matter what, the most important thing in first year is being kind to yourself and being open to learning and growing.

As mentioned before, the biggest thing first year students struggle with is maintaining their grades and seeing that drop from high school to university. The biggest thing to understand is learning when to accept that you will not be the same as you were in high school. You can try as hard as you possibly can to receive the same grades you were getting in high school, but eventually it could lead to burnout and dissatisfaction if you end up not receiving those



grades. Therefore, it is important to know when to accept this change and move on. Engineering is much more than purely your grades; it is about applying the knowledge you learn in real-world situations. Grades can only get you so far while you’re in school, but after that, it’s rare that anybody will be asking for your grades again. So, don’t let them define you, you are more than your grades. An important thing to remember is that hands-on work and experience in the industry is an asset to being successful. To achieve this, keep as many doors open as possible, never limit your options and give yourself room to grow and explore new things. Growing and improving throughout your career can mean more to an employer than always being a straight-a student, so if you don’t always succeed on your first try, that's ok! It happens to the best of us, it is about learning how to take that fall and get back up after it. Try not to put too much pressure on yourself, the road to success is not one straight path and success cannot be defined in just one way. Having high standards for your grades is great, but don’t beat yourself up if your grades drop a little, that is inevitable. Meeting your own standards and failure are not the same things.

As engineering students, we adopt the persona of being smarter than others, but sometimes it's ok not to be, and it's ok to ask for help. I know it can be intimidating to do so, sometimes we're scared to be judged, we're scared people will think we're not as capable as we appear to be, but asking for help can be easy. The most important thing to remember is to do it early, this gives you more time to really learn from what you were given and to reflect on whether what you received was helpful, or whether you need to go somewhere else. Especially in first year, when everything is still so brand new, it is imperative to ask for help and there are so many resources available for you to do so. So, when faced with a problem, try to solve it multiple times on your own, then ask some friends and try finding the solution online. If none of this works, then that would be a good time to ask for help. Next, figure out exactly what kind of help you are looking for. What are you looking for the other person to do for you? What will you ask them while you're there? What do you need to have ready to bring with you?



Then, once you've gone, asked for help, and received your answer, take a minute to reflect. Did their answer really help you? Can you take this and improve based on what you received? If the help received does not fit with you and what you are looking for, try and look somewhere else. Remember, one size does not fit all, try asking different people your question, look for different ways of receiving help, and go with what works best for you. Finding the right help for you is essential for your growth.

Engineering cannot be done alone.



Now that we've covered the big struggles first years face, let's go through some tips and tricks for how to improve.

Proper Studying

When you want to start studying, be clear about what goal you want to accomplish within that time frame. Instead of saying, "I'm going to study" try saying, "I'm going to get ___ done". This will help you be more productive and get more work done within that amount of time.

Find your optimal study time, whether you study in the morning or at night, figure out what works best for you and when in the day you will have the most energy to get the most work done.

Break things into smaller chunks, it will help you feel less overwhelmed with the work you have to finish and will allow you to feel more motivated. Set your goal to finish one of the smaller chunks of your project, and then by the time you finish that you will have gotten in the studying mood and will be more motivated to keep studying and get more of your goals done.

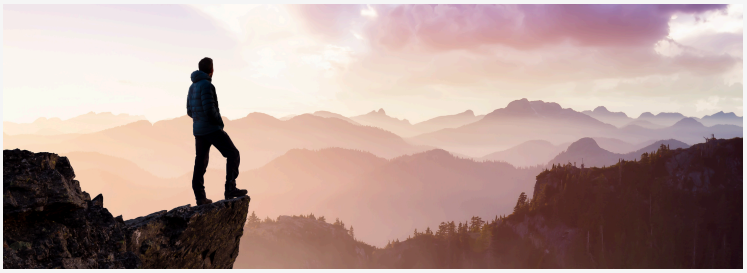
Staying motivated

Know why you started, remember your end goal, and work on reaching that goal. Having an end goal and a vision for your future will keep you motivated to reach it, giving you a reason to keep going in your studies.

Make a to-do list with little rewards. To-do lists on their own are very helpful, being able to clearly see what you must get done and being able to check off tasks as you go, can feel so rewarding and will keep you motivated to get things done. Giving yourselves little rewards along the way like a sweet treat or allowing yourself to take a little break will be more than helpful as well.

Join clubs and find your people within those clubs. Having at least one club that you genuinely enjoy will give you something to look forward to each week other than schoolwork. Remember engineering cannot be done alone, find your people and work with them throughout your studies.

In short, engineering is a hard program, and first year is scary. But if you stick with it, and keep an open mind, you will succeed. Success comes in different forms, and each person's success is measured differently. Remember why you started, how far you've come, and that everyone's story is different. When it comes to engineering, there are many different paths you can choose. Regardless of which path you choose to take, remember that you are still succeeding in your own way and the fact that you even made this far is an accomplishment on its own.



Has Patch-flation Hit Guelph? An Expert Weighs In

With housing prices and cost of living through the roof, the people want to know - has inflation hit patch sales?

By Mac Hilborn



Patch sales are the backbone of the School of Engineering. Without patch sales you can say goodbye to Corn Roast, 3rd Year Party, and hell, even your professors. As such, patch prices can provide a decent frame of reference for the current state of the Canadian economy.

The Consumer Price Index is up 2.0% since October of last year. Price growth for food specifically has outpaced headline inflation for three consecutive months (August, September, October). A financial audit of EngSoc revealed that patch prices are rising at approximately the same rate as grocery prices. When asked why this might be the case, financial expert Cam Billhorn (BS in Finance) provided the following statement:

"Students tend to spend money on everything but the necessities. I am almost certain that patch prices are rising as fast as grocery prices because patches are the equivalent of groceries for engineering students - their daily necessity."

This audit also revealed that a patch which would have been priced at $4 in 2019 is now priced at $7 today. Even patch trading has been impacted by this patch-flation - patches that were previously worth two or three patches are being marked up to four or five. Some students have reportedly resorted to buying and selling patches on the black market where prices are more reasonable since they are not attached to official EngSoc organizations. It is unclear if this trend will continue on inevitably. Only time will tell.



Our purpose:

"Electricity the future"

Our strategy:

from a generalist cable manufacturer
to pure electrification player

Nexans is a major global operational player in the energy transition for a sustainable electrification of the world

Nexans
ELECTRIFY THE FUTURE

Butter Heist Linked to Guelph Engineering Design Team

This article was received by an anonymous source writing under the name "Butter Fingers". The note it was written on was itself, slick with grease...

In the advent of at least seven large-scale butter heists in the Guelph area in the past ten months, fingers are being pointed at the Guelph GNCTR Team.



The GNCTR Guelph Team's toboggan can be seen here crossing the finish line in St. John's, February 2024. Could they be looking to get an edge up on the competition this year?

Since early 2024, approximately seven butter heists have occurred across southwestern Ontario, with several of these taking place in the City of Guelph. With the cost of butter and other essential grocery items rising with inflation in recent years these events reflect the lengths consumers are willing to go to get these items. The question still stands for residents of Guelph: who the hell needs $1200 worth of butter at a time? Moreover, who goes through butter that quickly?



There have been whispers of rogue grandmas getting ahead on their Christmas baking, but we cannot rule out all the other daily uses for butter. Is there anyone around who may be trying to slip and slide a littleeeeeeeee faster?

An anonymous source suggests that GNCTR Guelph has been stockpiling this butter throughout the summer to apply to their skis to improve upon their top speed at competition. After all, the frictional factor between snow and butter has been scientifically proved to be minimal [1]. The GNCTR Rulebook states the following rules for materials applied to the base of the skis used at competition:

> 6.2.3. Wax is the only permissible coating for the Sliding Surface. The material data sheet for the type used and method of application must be clearly indicated in the Technical Report.

Will this race aid slide under the radar of the safety judges on competition day? Perhaps the consistency of butter, once applied to skis, will resemble the wax typically used to smoothen the runner surface enough to race with. This could be enough for GNCTR to get an edge on their competition this January in Montreal. The GNCTR executive team declined to comment.

Only time will tell if this comes to light. For now, keep an eye out for any mysteriously large refrigerator purchases on the labfund! For now, what do we think of this new logo drafted up by the editor?

GNCTR GUELPH → GNCTR GUELPH
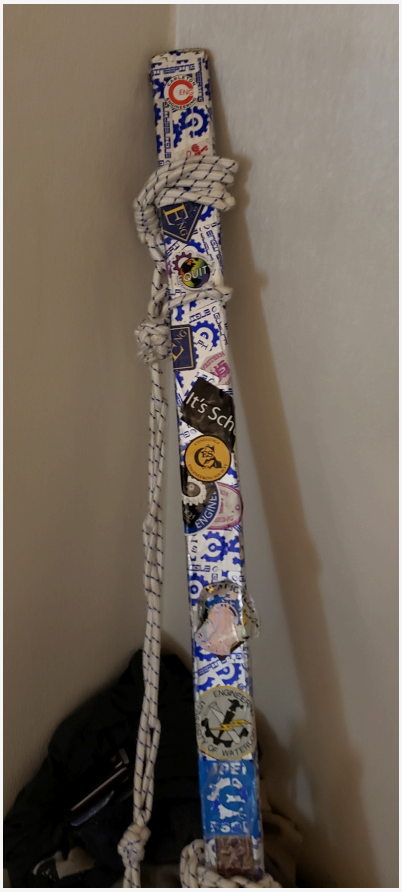
[1] Your Mom

Stick Quarantined After Weekend of Tonguing

By Cam Billhorn

This past weekend, student representatives from the University of Guelph attended the Conference on Diversity in Engineering (CDE) hosted by Western University. Universities from across Canada were in attendance - from UPEI to UVic. Supporting the Guelph delegates as the official mascot for the University of Guelph was the infamous "stick".

The stick can be described in one word: sticky. Legend has it that the stick is a floorboard from the old engineering building before it burnt down. It has since been covered in stickers accumulated over the years as badges of honour for all of those who dared to lick the stick.



Licking the stick is no walk in the park - a simple flick of the tongue won't do (though I know you all think that usually works). The licker must lick up and down the stick on both sides, really sealing in those stickers.

When most people hear about the stick, their initial reaction is disgust and even anger but you would be surprised at the courage people gain after they have had a few drinks.

Post-CDE the stick is being quarantined in the EngSoc office until the next conference when it will again be subject to some tender tonguing by some sorry sucks.

"What happens at CDE stays at CDE"
- Jeanette Southwood, VP of Engineers Canada

UAlberta Mascot Kidnapped, Ransomed, and Humiliated

Also by Cam Billhorn

Have you have of UAlberta? Yeah, probably not. Have you heard of 'Grog'? Also no? Well, Guelph delegates got to know Grog the beaver very well this weekend after he was carelessly left unattended on a desk during CDE. An eagle-eyed Guelph delegate grabbed the unsuspecting beaver from his place on the desk and scurried off, leaving UAlberta delegates shocked and confused to return and see their beloved mascot missing. They immediately filed a missing beaver's report in the CDE discord.



Word of Grog's disappearance spread quickly. UAlberta was asking anyone who would listen if they knew who would be so cruel to take Grog and eventually all signs pointed to Guelph, who had just been witnessed making Grog lick the stick. From that moment on there was a target on the Guelph delegates' backs and anyone seen associating with them. UAlberta was out for vengeance.



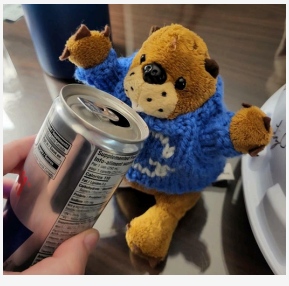
Proof of UAlberta's ownership can be seen here, on his ass tag.

When a mascot is stolen, the appropriate course of action is to ask for ransom. Grog was starting to grow on the Guelph delegates - the ransom would have to be hefty if they were to part with their new friend. In the meantime, Grog was forced to stick by their side while UAlberta hovered menacingly nearby.



Did you know? The flask pocket in the Guelph Engineering jacket also doubles as a Grog pocket!

A ransom note was eventually drafted and sent to UAlberta. After some negotiations the final ransom note was signed by all delegates from each school and Grog was returned to his rightful owners, but not after some adventures.



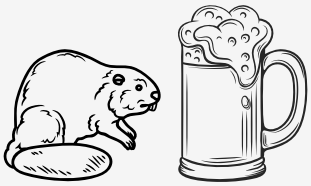
Grog fuels up with some redbull before a busy day of conference sessions. In total, Grog was with Guelph for 1 and a half days and 1 night, enough for him to start favouring the Guelph delegates over the UAlbertans.

Grog was successfully ransomed for 15 patches, a video on the UAlberta EngSoc Instagram of Grog stating that "the Guelph delegates treated me so well" and "the G on my sweater stands for Guelph." UAlberta delegates wisely refused to lick the stick and instead Grog will be gifted a Grog-sized Guelph scarf to wear at the next conference.

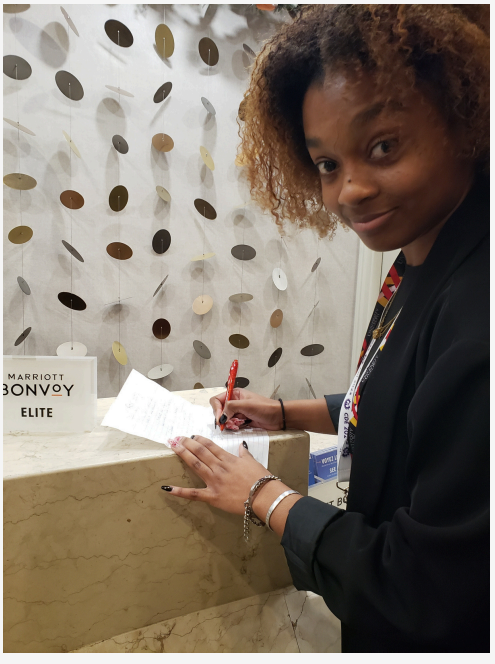
UAlberta wisened up after Grog was returned and created a makeshift baby carrier to hold him in. Dalhousie didn't seem to get the memo however and their precious octopus (name unknown) was taken by McMaster in a similar fashion. The Dal octopus was also returned for a hefty ransom.



Grog enjoyed the finest, top-shelf liquor during his stay with the Guelph delegates who were determined to show him that a rich and prosperous life was possible (even if you are an Albertan!)



The Guelph head delegate Ny makes the ransom agreement official by adding her signature to the official legal document drafted by the Guelph delegates.





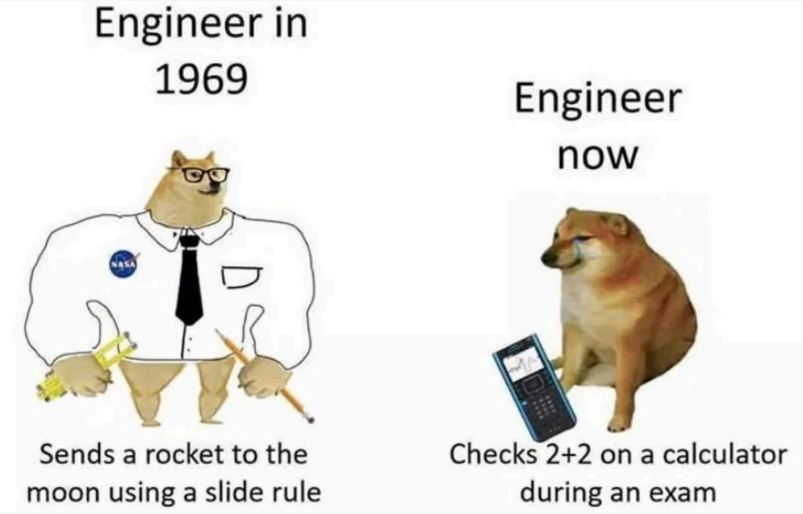
I WANT YOU

TO WRITE FOR O'SNAP

O'Snap is running a contest for our January 2025 Issue! Anyone who enters an article will be placed in a draw to win 3 assorted patches of their choosing. All submissions will be printed in the January 2025 issue and O'Snap readers will vote for their favourite submission - this winner will also win 3 assorted patches of their choosing and a front-page feature in the next issue. Opinion pieces, advice columns, personal stories, satirical articles, and short stories are all welcome. Submissions must be emailed to mhilbo02@uoguelph.ca by January 3rd to be considered. Now get writing!

Stressed and Depressed? Take a Brain(rot) Break!

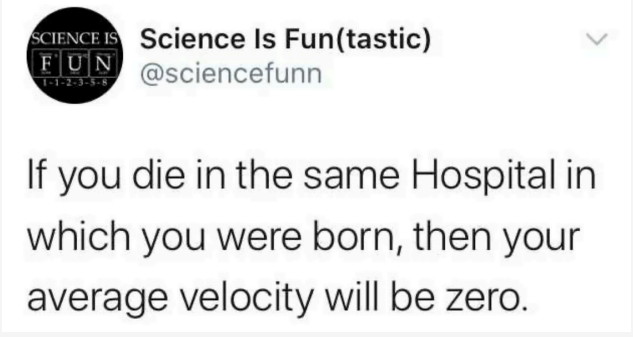
Did you know? *Prior to the advent of the internet, engineers had to share memes physically in the form of desk carvings, cannon paintings and shitty newsletters like this one - Just ask your prof.*













Editor's Pick: Best New Albums of the Semester

By Mac Hilborn

I consider myself to be a bit of a music enthusiast and as such that gives me the ultimate authority to decide on the best new albums of the semester, Anthony Fantano style. Or at least introduce you all to three albums that I have been listening to on repeat for the last month.



Red Future - Snotty Nose Rez Kids

Genre: Hip Hop

Favourite song: DEVIL'S CLUB (feat. Rezcoast Grizz)

I have been following SNRK for a few years now and I can say with confidence that this is their best album yet. It was nearly impossible to pick a favourite song but I had to go for DEVIL's CLUB as that was the song that introduced me to this album. Jam-packed with fast-paced beats you will probably enjoy listening to this album while working out. The album now belongs on my running playlist which I aptly named 'Snotty Nose Run Kids' (yeah, its all SNRK. Oops). Nothing gets my blood pumping like some high-energy anthems.

Too Cold to Hold - Warmduscher

Genre: Neo-Psychedelic? Groove? Post-Punk?

Favourite song: Cleopatras (feat. COUCOU CHLOE)



I discovered this album when I was... less than sober let's say. This album is the perfect accompaniment for sinking into your bed under a weighted blanket and staring at the ceiling. But don't let this mislead you - this album is also perfect for grooving on the dance floor after a few drinks. Or riding the bus to class. Or doing homework. Or anything, really (can you tell I have been listening on repeat recently?) It is melodic, hypnotic, full, warm, and perhaps my favourite accidental discovery of all time.



Music is the Answer - SHEBAD

Genre: Indie Soul

Favourite song: Faeries

You know I had to save the best for last. I have been a die-hard SHEBAD fan ever since I was tattooed by a friend of the band and told to check out their show at Tabu. 5+ shows later and here we are. SHEBAD is a Guelph-staple, composed of University of Guelph alumni with an unbelievable sense of musicality. I was their #2 listener on Spotify in 2023 so you can trust me when I say that listening to SHEBAD is like eating a perfectly ripe blackberry; you listen to them once and suddenly no other music can compare. See you all at the album release party on Saturday!

Exam Season Engineering Horoscopes

Make sure you respect your limits this month, Biological. That all-nighter may be tempting but what sounds better in the end – an exam failed due to exhaustion, or an exam failed due to ignorance? Now that I think of it, I would probably choose the lesser. Try a new flavour of Monster this month.

Luck is on your side this month, Systems. Have you considered picking up gambling or sports betting? Use my Fanduel referral link https://fndl.co/jtgge54 for an additional $25 bonus when you deposit $10.

Water Resources, you are afraid of taking risks and it is starting to show. Your group member offered you Adderall so you can power through that project and you declined? Do you also wait for the light to turn green before crossing the road to the bus loop? What are you, some kind of wimp?

You are in your element this month, Mechanical. That's right – own that space. The Atrium I mean. And hey, don't forget there is strength in numbers. They can't fail everyone if you all conscientiously object to the exam.

If there was any time to be Undeclared, that time is now. You are the ultimate symbol of relatability. Teddy Bear Wheelchair underperform? So did everyone else's. Going to fail killer chem? Hey, even Enviros fail CHEM*1040. Don't sweat it.

Not an engineer but looking for your horoscope? Which one of my housemates is reading this? Can you knock on my door at 7:30 to make sure I make it to my exam?

Environmental, you need all the luck you can get. December is coming thick and fast, just like the sludge from your drinking water treatment plant. Watch out for rogue mass balances and final projects. Yuck.

Computer, I know you have been waiting for a sign, and here it is. What is the first thing that comes to mind when I say, "liquid nitrogen?"

Great news Biomedical! Things are looking up. Have you considered taking the MCAT and applying for med school? I heard they need more engineers to sit in the back of the operating room and man the robots performing open heart surgery on wealthy nationals.

EXAM SEASON AFFIRMATIONS

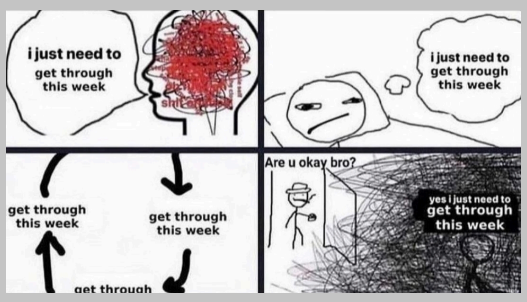
Stressed out about exams? Try repeating these affirmations to yourself daily when you wake up, before you each lunch, and before you go to bed. Good luck - you've got this!

I deserve my iron ring even though I cheated on all of my online quizzes.

I am attractive enough that my TA will be compelled to give me higher marks.

I perform best when exhausted and stressed.

OSAP Loans will not jeopardize my post-grad plans.



dear Bunsen...

Have a question you're too scared to ask your professors, classmates, housemates, or parents? Ask your friend Bunsen - rich in experience (and wit). No question is too unusual or outlandish. Just don't come running back crying if the answer isn't what you expected. The truth can be a hard pill to swallow.

Dear Bunsen,

My housemates and I are growing our mustaches for Movember but my girlfriend capital H, HATES mine. My housemates are all high-testosterone gym beasts with mustaches like whale baleen. She told me I look like a fifteen-year-old boy preparing to get a fake ID photo taken and that "It's me or the boys". I don't want to lose her... but I don't want to lose the boys. What should I do?

Thanks,
McLovin

Dear little boy,

The answer to your question is another question. Would you kiss her if she had a bushy upper lip? If not I'd recommend getting a razor while you still have time.

-Bunsen the Barber

Have a question for Bunsen? Email submissions to the editor or leave a note titled "Dear Bunsen..." at the Engsoc office.

Dear Bunsen,

I just got my Material Science midterm mark back and let's just say it isn't pretty. My parents told me if I fail a course, they'll stop paying my tuition... and I can't afford to pay tuition let alone pay my rent! What do I do!?

Sincerely,
Tax Dependent

Dear Tax Write Off,

Here's a neat magic trick,
Drop a course and it's like it never existed! What your parents don't know won't hurt them. Better luck next semester.

-Bunsen the Magical

Dear Bunsen,

I recently got a gambling app on my phone and have developed quite the addiction. I win so much when my bets land but when they don't, I lose even more. I should probably stop but I keep making a net gain. What do I do??

Thanks,
Avid money maker

Dear future gazillionaire,

Don't be weak. The sooner you stop, the farther you are from your biggest win yet. Keep going, bet big and win bigger. Don't forget to share your winnings either.

-Bunsen the Investor

SUDOKU

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		8	7					
9	3							
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		1	6	9	4		7	2
						2	3	
1	6			4	9			7
3						1		

Solutions to be published in the next issue of O'Snap! If you are impatient, find the editor on campus and bribe him.

LAST ISSUE'S SOLUTION

2	4	3	1	8	5	7	9	6
7	8	9	6	4	2	5	3	1
1	6	5	7	3	9	8	4	2
6	7	4	3	9	1	2	8	5
5	9	2	8	6	4	1	7	3
8	3	1	5	2	7	4	6	9
4	5	8	9	1	6	3	2	7
3	1	6	2	7	8	9	5	4
9	2	7	4	5	3	6	1	8

Special thanks to AK for trying so hard to solve last issue's sudoku that she neglected to study for the Urban Water Design midterm!



THANK YOU TO OUR CONTRIBUTORS
Sabine Hamze
Your Pal Bunsen
Mac Hilborn
Cam Billhorn, BS Finance

JUMBLE

Theme: Engineering courses that make you want to rip your hair out. Or so I have heard.

ACCELERATES MINI

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Hint: 2 words. 2000 course code. 154.

INCHES MENACE REIGNING

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Hint: 1000 course code. The first year slayer.

OMIT PIANO ZIT

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Hint: IDK, I don't have to take this course.

DYNAMIC SMOTHER

_ _ _ _ _ _ _ _ _ _ _ _ _ _

Hint: 3000 course code to represent the 3000 pages of tables you need for the exam.

Calling all students (especially you, engineers!) - can you read, write, or use a camera? Have some opinions you think the entire SoE should know about? Okay with working for free on top of paying thousands of dollars to do school work that will never help you in your day-to-day life? If you think you have what it takes, email submissions to mhilbo02@uoguelph.ca. Opinion pieces, conference reflections, advice, memes, comics, and more are all welcome*. **Submissions for the next edition are due on January 3rd. Submissions can be published anonymously or under a pseudonym (For the mechanicals, that means a fake name). All submissions will be entered in a draw to win 3 assorted patches of your choosing. See page 11 for more details or email the editor with questions.**

*Subject to reasonable limits. No eroticas please!