



# THE ENGINEERING ISSUE



ISSUE  
141.0



# Editor's Note

To our beloved readers:

We've done an issue on the pre-meds. We've done an issue on the business students. You knew it was just a matter of time before we finally got to the engineers. Believe us, it wasn't for lack of material. In fact, we had all sorts of engineers coming out of the woodwork to join in our brainstorming meeting just to make fun of themselves.

To break character, it's quite heartening to have the support we've gotten from our readers, and it's always greatly appreciated when that support translates into contributions (both written and otherwise). I had a number of people at the spring SAF a while ago approach me just to get a copy of our last issue because they enjoyed reading so much and hadn't gotten one yet, and there's something deeply exciting about having people feel that way about the things we produce.

I can only hope that more people take that enthusiasm for what we create and share it with us—come to our workshops and learn the craft, or come to our brainstorming sessions and share their ideas. Of course we couldn't do all of what we do without our readers in the abstract sense, but this magazine would be nothing without its core and most regular contributors. So to everyone on the team, thank you for your continued contribution, and everything else you do for this publication. To everyone reading, we hope to welcome you to our meetings and invite you into our production process as well. I know personally this magazine has meant the world to me in my time here, and nothing would bring me greater joy than to share that experience with other people. And with that, I think that's enough sappy shit to last for another few issues.

Anyway, back to our beloved readers *who are also engineers*:

I know that whole “emotional intelligence” thing isn't usually part of our technical skillset, so if that last paragraph or two didn't make any sense to you then just imagine the warm fuzzy feeling you would get if I had just offered you \$90k a year and dental benefits to build shiny new explosives for Uncle Sam. That's how you reading this magazine makes me feel, and also how you could feel if you joined it and wrote something yourself.

(as an aside, the last time I wrote fake code as a joke in our Discord, it made no sense whatsoever and the joke bombed because I'm not very good at coding. Luckily for me, this is the engineering issue so I can write it in MATLAB and that way if it looks shitty and makes no sense I can just say it's like that because it's MATLAB.)

```
function signOff = slogan(i, j, k)
    i = read(theAthenian);
    j = write(theAthenian);
    k =Athenian(theAthenian);
end
```

Until next time,  
-M.o.t.H.



Posting  
By: Maya  
Grain

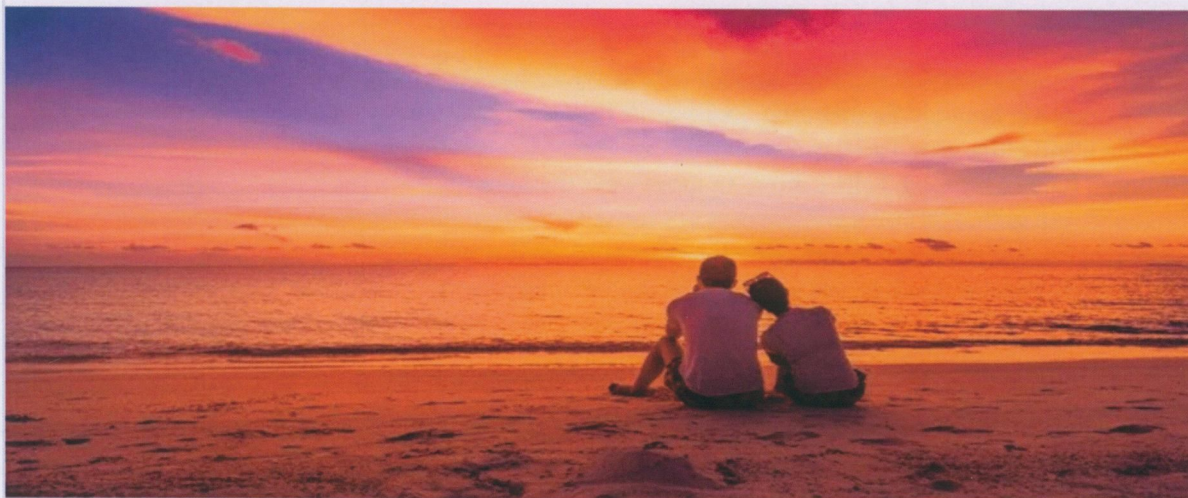


HughJanus

Promoted



I am a very motivated individual looking for an internship or a Co-Op and the one to spend the rest of my life with!



**Touch Grass and Sand**  
engineersforlove.org

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9.7k

1.0k comments 2.5k shares



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# Saltburn 2023



Watched Jan 23, 2024

Tags: Find God, Find Java

"Do I wanna be you, be in you, or six feet above you?"

That is the question you will find yourself asking about the deceptively horny sexpest Oliver Quick in the very serious, very dramatic Emerald Fennell film, "Saltburn." That was certainly my question as I watched on from my little corner in the UMB office, one Tuesday evening, as I was recorded reacting to the heartbreaking scenes in which Oliver strips himself bare to his God, Felix Catton, in more ways than one.

But that's not all I have to say. Here lie the very words and reactions I wrote as I experienced the rambunctious wet dream of a psycho middle-class Scouser that is "Saltburn".

- That intro monologue was giving Yandere
- Title card ate tho
- "FUCKING ASK ME A SUM THEN" - right because that'll get me to give you a sum
- Oh wait he doesn't have a life like me lol
- "ask me a sum" guy eats candy like a psychopath (if only i knew who else was...)
- Ok but that aside, I want a meet-cute like that
- STOP CLEANING RICH BOY'S TOILET AND ACT LIKE THE LABOUR VOTER YOU ARE
- The more i think about it, Felix's school kinda sounds like mine
- now that I think about it, I think my school also taught Latin, water polo, and child abuse
- God, of course you'd say yes and go there, you're so down bad for him
- I swear the butler just looked him down and up like "ew, you poor"
- "YOU ACCIDENTALLY WHAT YOUR COUSIN???"
- Rich British people = Indian aunties of suburbia
- Superbad slay
- Sorry but why does the one POC in this entire movie have the whitest-looking name ever?
- "I've lost so many friends to addiction" and you're addicted to not watching your fucking mouth, lady. So when are we losing you next?
- 38:06 - me too babes
- Elspeth > godmother from fleabag
- Bro Ollie is eye-banging Felix so hard in these montages
- STAND UP. STAND UP. GET YOUR TONGUE OUT OF THERE NASTYYYY
- 55:50 - "YOU'RE A WHAT???"
- Bro just being around a rich guy's got this man so deranged
- Oop... damnn he's a god actor, felix's got BEEF with him
- Ok, at this point he really is twisted... please don't let this be a twist
- Broski rubbing the dirt like he's gonna hit Felix's g-spot
- Lol the wine girl drowned in a wine bath... oh.
- "Flat white" - a perfectly apt description of Mother Catton
- Aaaand the twist happened... yay /s
- Nice cock, Barry Keoghan.

To make a long story short - Emerald Fennell, I will see you in hell.

Signed, a CS major who really could've just spent his time learning the basics of Linux.



# How to Find the LOVE of YOUR Life on LinkedIn in 16 STEPS!

By Maya Grain

YOU DON'T NEED TO BE A LINKEDIN INFLUENCER TO FIND THE PERSON OF YOUR DREAMS THAT YOU DESERVE!

It's common advice on this website to hard launch your date-searching career with forward questions such as "How do I stand out in a job search and land a co-op?" "How do I get recruiters to fall for me?" "Do they like me, or are the recruiters getting paid to butter me up?"

Building rapport with your fellow peers on LinkedIn is an uphill battle, but the next steps are fool-proof methods to landing a spot in your recruiter's heart and a spot in an internship. Gen-Z is lazy and never wants to get their ass up and work, they don't want to put in the effort to fully commit to their recruiter, who is also talking to 100 other candidates just like you! But we'll help you skip the line and land straight into your recruiter's heart!

1. Start off with a one-liner
  - a. Start off with a very funny joke. Ex: Are you an electrician 😊, because you 😊 light up my day 🥰
  - b. Always be sure to use excess emojis to signal your situational awareness and Millennial sense of humor.
2. Humblebrag
  - a. Tell them about yourself! Along with the 10 shares in Tesla you own.
3. Set your profile up for success
  - a. #OpentoLove is a green flag for recruiters and suitors!
4. State your values
  - a. Values such as being 100% engaged in profit motives without ethics will win over your recruiters' hearts.
5. Master Sweet Talk
  - a. Management loves key phrases such as, "I really wanted to piggyback off your point on the hyperlocal, next-generation wave of hyperlinked transit, in the ballpark for this generation".
6. Arrive at least 5 minutes late to your interview
  - a. This shows to your interviewer that you're lax on time and an easy-going co-worker.
7. Don't forget to mew in your interview
  - a. This signals to your recruiter you do indeed looksmaxx engineermaxx.
8. Never ask about pay/compensation:
  - a. You wouldn't marry for money, you're not broke—you don't work for pay!
9. NEVER talk about the outside world
  - a. At your internship, the outside world DOESN'T exist. Never make mention of it. You will only learn to love the 4 concrete walls that surround you.
10. NEVER shower or hydrate before an in-person interview
  - a. You want your interviewer to know you embrace the body's natural odor and aren't afraid to bear your self for the masses!
11. Wear your RAD fan merch to job fairs
  - a. Make sure the shirt says something cool like, "#1 Force Awakens Hater" to signal your superior taste.
12. End the interview on a high note
  - a. Now that you've stolen the recruiter's heart, ask them out on an outing to the mixed cement lab in Bingham's basement—the most romantic spot on campus!
13. Profit
  - a. Congratulations! You've landed the love of your life and an internship with Lockheed Martin!



# Please...Take a Graphic Design Class

By Your Favorite Engineering Teacher

Dearest Students,

I have been teaching at this school for 30+ years and never in my life have I seen students so horrible at using colors, fonts, and the basic skill of using one's eyeballs. The presentations this year have been nothing short of atrocious, my eyes will never be the same again. I will outline all the problems I have encountered below with my recommendations for how not to kill another student while using Prezi.

I cannot count the number of times this year I have seen this style of PowerPoint for student presentations:



Know what colors go together. If I have to see another combination of red, green, orange, and purple, I will go blind. And I don't mean my eyes will stop working, I mean I will put a pen through my eyes because of the horror. You should not use lime green wording, especially not over an orange background!!

## embryo development is impaired by sperm mitochondrial-derived ROS

The energetic metabolic signature of mammalian sperm influences reproductive outcomes, both in terms of oocyte fertilisation and embryo development [1, 2]. Indeed, mitochondrial membrane potential (MMP), which indirectly reflects the cellular capacity to produce ATP by oxidative phosphorylation (OXPHOS) [3], has been found to positively influence oocyte fertilisation in humans [4, 5, 6]. In spite of this, a metabolomics approach carried out using the pig as an animal model found that metabolites linked to OXPHOS were related to suboptimal in vitro fertilisation (IVF) outcomes in terms of altered embryo development [2]. While the underlying mechanisms of these associations are yet to be uncovered, one could reasonably suggest that reactive oxygen species (ROS) are implicated. Sperm mitochondria have been proposed as a major source of ROS [7], produced from the leakage of respiratory chain electrons [8]. Under physiological conditions, ROS are involved in the regulation of sperm function, participating in the modulation of sperm capacitation and acrosomal reaction and, even, oocyte fertilisation [9]. Overproduction of ROS, nonetheless, results in oxidative stress, which has extensively been described to have harmful effects for sperm including the induction of membrane lipid peroxidation and DNA damage, the reduction of sperm motility and the impairment of oocyte fertilisation [2, 9, 10]. Focusing on the latter, sperm DNA fragmentation has been widely reported to compromise in vivo and in vitro fertility outcomes in both humans [11, 12] and other mammals [13, 14, 15, 16]. Considering the lack of studies unfolding the mechanisms by which sperm metabolism influences the reproductive success, the present work aimed to evaluate the impact of ROS resulting from mitochondrial activity on IVF outcomes, as well as their underlying mechanisms. To this end, the relationship between mitochondrial activity, intracellular ROS levels and IVF outcomes was explored. Next, Complex IV (also known as cytochrome C oxidase), the last enzyme of the mitochondrial respiratory chain [17], was pharmacologically inhibited to address whether variations in mitochondrial activity affect sperm DNA integrity. In this work, Complex IV was blocked with cyanide, which is known to prevent electrons from reaching molecular oxygen, inhibiting the production of superoxides ( $O_2^{\cdot-}$ ), the precursor of most other ROS [18], through the electron transport chain. This approach allowed us to extend our knowledge on how sperm metabolism, and particularly mitochondrial activity, may shape fertility pot.

Be more creative. PowerPoint, Canva, GoogleSlides, and other presentation sources have set templates that you can use and design ideas to reformat your words and photos to ensure nothing is the same. You can be creative and have interesting slides with little to no work. Stop sending me Case-branded slideshows or blank white ones because I cannot handle them anymore.

What the hell is this?

Why do my students hate me?

Be mindful of your amount of words and their sizes and for the love of whatever, use pictures!!

No one wants to look at presentations like this (not even your mother).

Break up the words, keep things brief, and don't just read off the slides. This is not a research paper it is a presentation, know the difference!!



# New Accommodations for Engineers

By Amdis Rose

The Case Western Reserve University Disability Resources team has announced several new accommodations directed at the engineering students on the CWRU campus. These are meant to fit with just how "special" engineering students are and the administration hopes that these ideas will be implemented throughout the country as more research into the students studying engineering is being completed.

As research has shown, engineering students need less sun and human interaction than your average student. Many have reported rashes after being exposed to too much sunlight and sudden onsets of ravenous rage. To combat some of these experiences the list of new accommodations is as follows:

Underground doors and tunnels to all buildings on the quad and leading to housing on South-Side. The hope is that allowing the use of these tunnels will allow engineering students to move about campus to dining halls, classes, and sleeping quarters without sunlight exposure to protect their skin from burning. A number of these doors are made of thick metal to block sunlight and trap the cool air from below to help engineering students maintain a lower-than-normal body temperature of 69 degrees.

Blackened windows and black-out curtains will be added to classrooms and dorm buildings across campus if asked by the student's educational advisor team. CWRU understands that engineering students have sensitive eyes and skin and to help them feel safe in their above-ground rooms they have decided to add UV protection to all glass windows and doors in the buildings. Some traffic incidents have occurred due to increased glare but it is predicted that these rates will decrease as more time with the new windows has passed.

Nutrient Bags have also been added to dining halls, grab-and-go stations, and other places on campus for engineering students to grab as they walk to and from class. They are encouraged to drink the nutrient pouches as they go through their day to maintain a steady stream of vitamins and minerals they would otherwise not get. CWRU staff have noticed a decrease in engineering students eating regular meals so they hope these bags will help keep students healthy. It is also hoped that the increase in nutrients will help prevent the ravenous hunger and rage associated with engineers who have lacked food for more than two days. Following the implementation of this new "food" system, incidents of engineering attacks have decreased dramatically.

If the nutrient bag is too off-putting, there is also a specialized meal plan for engineers considering their sensitive palate. It has been included as an allergy meal plan, giving engineers food with limited spices like onions, garlic, cumin, salt, and pepper.

CWRU also hopes to unveil its latest construction project, building three new structures and moving to add floors underground to the preexisting ones on campus. These renovations will include sleeping areas, learning spaces, kitchens, and lounges designed to keep the sun away and promote learning and relaxation among the engineering students. These new housing options will have smaller rooms than other dorm rooms but they will all be singles with specialty-made beds equipped with their own wooden light visor to help block out the sun as they sleep.

CWRU has made great strides recently to accommodate their students, most recently with a strategy targeted to help engineering students as they adjust to sunny Cleveland and live on their own. We at the Athenian surely hope these new changes to campus will be beneficial to the engineering student body and fully support these types of housing developments.



# Tips for How to Survive Your One Humanities Elective as an Engineering Major

By Cass Artsandsciences

Breadth electives. Look, we all know you hate them—it's not like you make it some big secret. Your 9-12 measly credit hours of anything not in the School of Engineering under the old requirements, and God-knows-what under UGER or whatever the fuck it's called now. But we get it. Think of it as what biologists might call a hostile environment. For many of you, it's unfamiliar territory: having to write in full sentences, express yourselves creatively, or *-gasp-* maybe even having to read something other than a boring-ass technical manual or lab write-up. The horror.

So, on behalf of everyone on campus *not* in engineering (because believe it or not we do in fact exist), here are your CAS-approved tips for surviving the single humanities gen-ed you're taking this semester:

1) The readings are optional. You actually don't have to do them before contributing to discussion.

Why let a silly thing like the assigned readings get in the way of in-class discussion? If anything, confining yourself to a single text inhibits dialogue. As a rule, we humanities students also appreciate random and unrelated tangents because our small and simple minds can't make connections to other subjects on our own, nor do we understand the products of your often overwhelming intellects. The more time you spend explaining these things, the better for everyone's understanding of the content and the more enriching the experience is for the class.

2) On the subject of discussions, remember that they're all about confidence and being right, in that order.

We all know that every discussion in the humanities has a single right answer, all the time. And without fail, it's always the one the engineer in the room comes up with. Remember this if and when people start to disagree with you: our humanities and soft-science brains simply haven't found this answer yet, and it's up to you to defend your position without modification until you inevitably prove your brilliance and correctness to everyone else in the room. The best way to do this is with confidence. After all, you don't even need to be right if you can simply convince everyone you're right. If a humanities major—or hell, even the professor—takes issue with your stance, bolster your own argument by pointing out semantic errors in even the smallest minutiae of what they're saying. If code doesn't compile that way, why should human conversation?

3) Remind everyone as often as you can that you'll never use this in the real world.

Sometimes it helps to put things into perspective. Loudly and repeatedly reminding everyone that you'll never use the content of whatever class you're in "in the real world" is a helpful contextualizing tool for what the job market looks like regardless of degree path. If Raytheon didn't make you do any readings or discussions about ethics or philosophy or the rich culture and political dynamics in the Middle East, why should the school? Preparing 1:1 transferable career skills is basically the entire point of higher education, you shouldn't be wasting your early 20s learning how to think critically and develop a sense of self through developing your beliefs.

4) Bring up the fact that you're an engineering major at the start of every new sentence.

Especially coupled with the last tip, this will strengthen your perspective and foster a sense of respect from all the non-engineering majors who couldn't possibly do what you do day-in, day-out in all your classes. Better yet, if you've had any experience interning for major engineering companies, be sure to bring that up as well. They provide a great source of those unrelated tangents mentioned earlier while also boasting your employability over the pre-law students who will be serving you fries, the pre-med students who will inevitably work *for* you, or the nursing students who will be wiping your ass when your kids put you in a home because they hate you.

5) Have enough crayons to share with the rest of the class.


Other non-engineering students don't like it when this gets spread around, but it's true: most of our classes are actually just coloring, talking about our feelings, and doing the kind of easy pre-calc math that doesn't make you suicidal. That being said, the business majors eat all our crayons, so we'd really appreciate it if you brought enough to share.



# Case Western Students Create Controversial Personal Items in Think[box]

By The Mediocre Mr. Maisel

CLEVELAND - Case Western Reserve University students are among the most depraved creatures in Ohio, according to thinkBox employee Aryu Sienthisshitte. And the proof is in the printing.	I know I'm supposed to be supervising, but it was just too much."	"These things [sexual gratification devices] aren't just ornamental, either, they [the cool students] come back in a week because the old one wears out. Like, I don't know if you have sandpaper in there or what, it's ridiculous!"
"Dicks" they said. "Dicks, dicks, dicks, it's all these little goblins and grimbies can print."	Sienthisshitte's testimonial is part of a larger trend of students using the makerspace for personal and often intimate designs, not the engineering projects the think[Box]'s founder, Larry Sears, intended.	According to sources, Bo Ryngasfuk has reportedly reported other students for making such devices as bongos, stolen Leutner spoon art, ghostwritten Eric Kaler controversy emails, and the Tungsten Cube. However, Ryngasfuk has not found any rule against sexual gratification devices.
Sienthisshitte is on the frontlines of a new battle: one for the hearts and holes of Case Western students, who have been accused of making inappropriate and vulgar items in the ThinkBox. And they use much more than the 3D printer.	Sienthisshitte reported students making all manner of sexual gratification devices, including butt plugs, dildos, anal beads, twisty tubes, Jingle Balls, Tommy Two-Holes, Crazy Jaws, Flappy Jacks, Jiggly Wigglys, Plimbi, Friction Friends, Dingle Dongles, isosexahedrons, SawCons and much, much more.	
"One time, there was someone on the lathe, and I got excited they were just making a normal butt plug, but it just kept getting longer and longer. When they added the balls I had to step out of the room.	Engineering Student Bo Ryngasfuk spoke out about his problems with the new wave of sexual design.	"I [nerd] would have absolutely found any rule against them by now. It's not like I have anything else to do than search for them on a Friday night!"

S	Mechanical Engineering	Door Engineering	Material Engineering	
A	Electrical Engineering	the Economy, Generally	Electrical Engineering	Civil Engineering
B	Escobarian Cocaine Hippos			
C	Business Majors	Computer Engineering	Chemical Engineering	
my innocent pookie bears	Aerospace Engineering			

## Engineering Majors Ranked by How Responsible They Are For that 737 Door Flying Off

By Bailey "Unbiased Aerospace Engineer" Dalton



# Up for Review: Being a Woman in Engineering

By Katherine with a C



Year: Freshman

Rating: 0.5/5 stars

Review: Why are there so many other women here??? Like seriously, I only chose engineering so I could complain about being the only girl in my classes. I'm all for equity and inclusion, but how am I supposed to feel special if there are other women within a ten-mile radius of me? I am appalled. CWRU is admitting way too many women. This is ridiculous!

Year: Sophomore

Rating: 4/5 stars

Review: Engineering really helps you discover what you're passionate about. There's nothing like getting a 13% on an exam to help you realize math and science are not, in fact, your passion.

Year: Senior

Rating: 2.5/5 stars

Review: The years I've spent here have aged me like milk. My professor told me I look like his fourth wife today. He is sixty-five years old and has been married six times. On the other hand, this is the first compliment I've received in months.

Year: Sophomore

Rating: 3/5 stars

Review: I was a little intimidated when I started engineering. Then, I started sleeping with my TAs. It does wonders for your GPA...and your confidence.

Year: Senior

Rating: 1/5 star

Review: This degree has taken my health, my dignity, and my joy from me. The only thing it hasn't taken is my virginity.

Year: Junior

Rating: 1/5 star

Review: Not enough misogyny. I just feel too supported by my environment. How am I supposed to cite the number of times I have faced adversity at a job interview if I didn't face any adversity? Men in engineering need to do better at being worse.

Year: Freshman

Rating: 5/5 stars

Review: I'm a pre-med engineering student. Easy major. Easy classes. People are complaining for no reason. (edited)

Update: I switched to psychology after one week of classes.



# Glossary of Engineering Terms

By MG Davis

If you've touched grass at least once, there are some words and acronyms from the engineering department that you might be unfamiliar with. *The Athenian* understands that not all of its readers are familiar with these terms, so here are some simple definitions. Unfortunately, all of our engineering majors were too busy to fact-check these, so you'll just have to trust me.

**Absolute Zero**- The average score on the last ENGR 145 exam. The professor didn't even have to curve this time.

**BME**- Business Major Eventually.

**Burger's vector**- The shortest distance between a hungry freshman and The Den.

**CAD**- Complicated and Distressing.

**Complex Numbers**- Anything higher than 50 or so. Maybe a little higher, if you're good at math.

**Creep**- See also: Weirdo. See also: What the hell am I doing here? I don't belong here.

**CS**- Can't Shower.

**Discrete Mathematics**- When engineering majors don't show their work on their physics exams.

**Drive Trains**- How engineers make the locomotive go.

**e**- Do I seriously have to define letters for you? It's a fucking e.

**EDM**- Electronic Dance Music.

**FEA**- Fullm Etal Alchemist (Fullm Etal Alchemist: Brotherhood is better, so I don't know why this made the list. Maybe engineers just have bad taste.)

**Fugacity**- Punk rock band from the late 80s and early 90s. 100% recommend.

**G**- 10-ish, apparently. It looks like a letter to me, not a number.

**IEEE**- The sounds everybody makes before their circuits exams.

**Induction**- Like hazing, but a little more official.

**Matrix**- The place you need to escape from. Blue pill or red pill?

**Mechanics**- Those guys who fix your car.

**Moment of Inertia**- That moment when it's just a little too early for you to get out of bed but you can't sleep so you just lie there.

**Ohm**- Mantra for EEs to calm themselves during exams.

**Penetrant Testing**- There's no way engineering majors are having enough sex for this to be real.

**Pi**- A pastry with a crust and filling typically composed of fruit. I knew engineers couldn't spell.

**Radius of Gyration**- The distance one should keep away from an engineer on the dance floor.

**Shaft Work**- Average topic in Sackstroker Lecture Hall.

**Signals and Systems**- Those "subtle" hints engineers give to tell you they're into you.

**Statics**- You know when you rub your feet on the carpet and then zap somebody? That, but a whole class.

**Stress/Strain**- Exam week.

**Taylor Series**- See also: Eras Tour. I wasn't expecting engineers to be Swifties.

**think[box]**- The only reason engineers go to the gym. Apparently, they make sex toys there, too.

**Vector**- That guy from Despicable Me. Do engineers want to steal the moon too?



# Harrowing Reports of Hazing in Engineering Fraternities

By Etaoin Shrdlu

Nationwide, a troubling pattern of hazing in engineering fraternities (which *the Athenian's* lawyer has advised shall remain nameless) is currently pending investigation, calling into question what constitutes allowable activities to be considered part of recruitment for pledging members.

Though specific details vary from school to school and even from chapter to chapter within individual fraternities, *the Athenian* received various testimonials from affected students detailing hazing practices ranging from being forced to watch school sporting events to taking *Calculus for Science and Engineering III*.

Though initial investigations are still ongoing and many remain heavily redacted to protect the privacy of victims and prevent the spread of new and unheard-of hazing rituals, inside sources have since been able to leak a copy to *Athenian* journalists for reporting purposes.

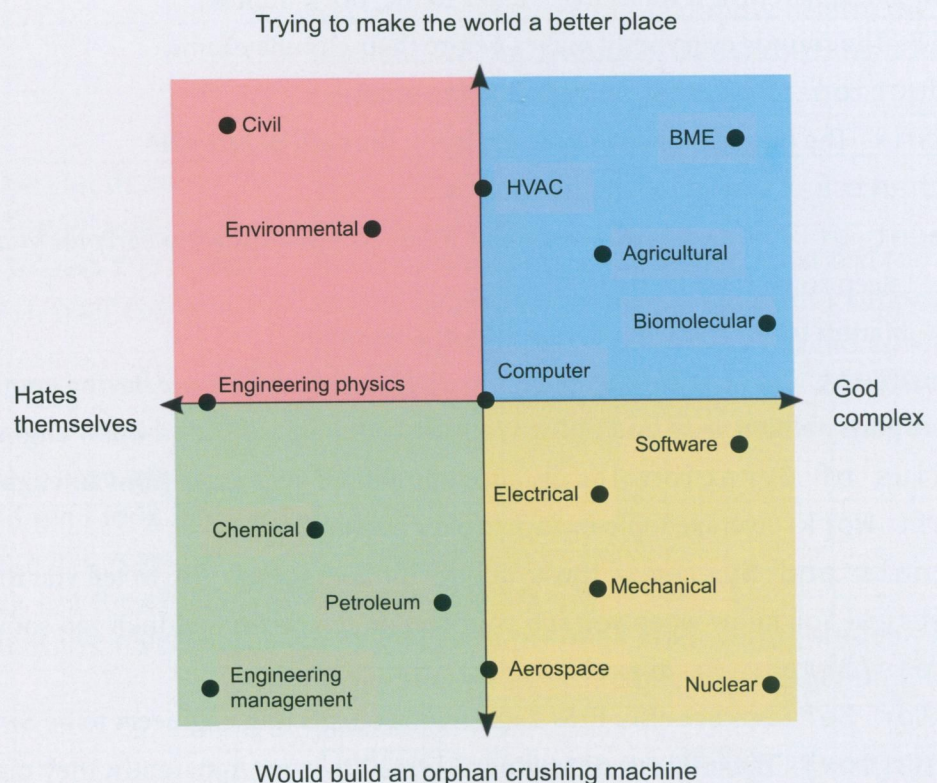
In these initial findings, by an investigatory probe paired with the knowledge of computer science and engineering students, were alleged to have been targeted the harshest toward pledges. These students were forced to apply deodorant after showering, take ENGR 145, and use a non-specified programming language indexing at 1 for all assignments. The report

further alleges incidents of pledges across all engineering majors being made to touch grass, apply for SOURCE funding, or receive safety training on think[box] machines.

In a confidential interview with *the Athenian*, one student specifically recounted, "They asked us to do cruel and unusual things that they knew couldn't be done, things well outside any reasonable engineer's comfort zone," stating that they were required to, "have a conversation with a woman, any woman, except your mom or a professor." Further allegations about the existence of an automated "paddling robot" could not be independently corroborated nor verified by insider sources.

## Types of Engineering Political Compass

By N. G. Nearing

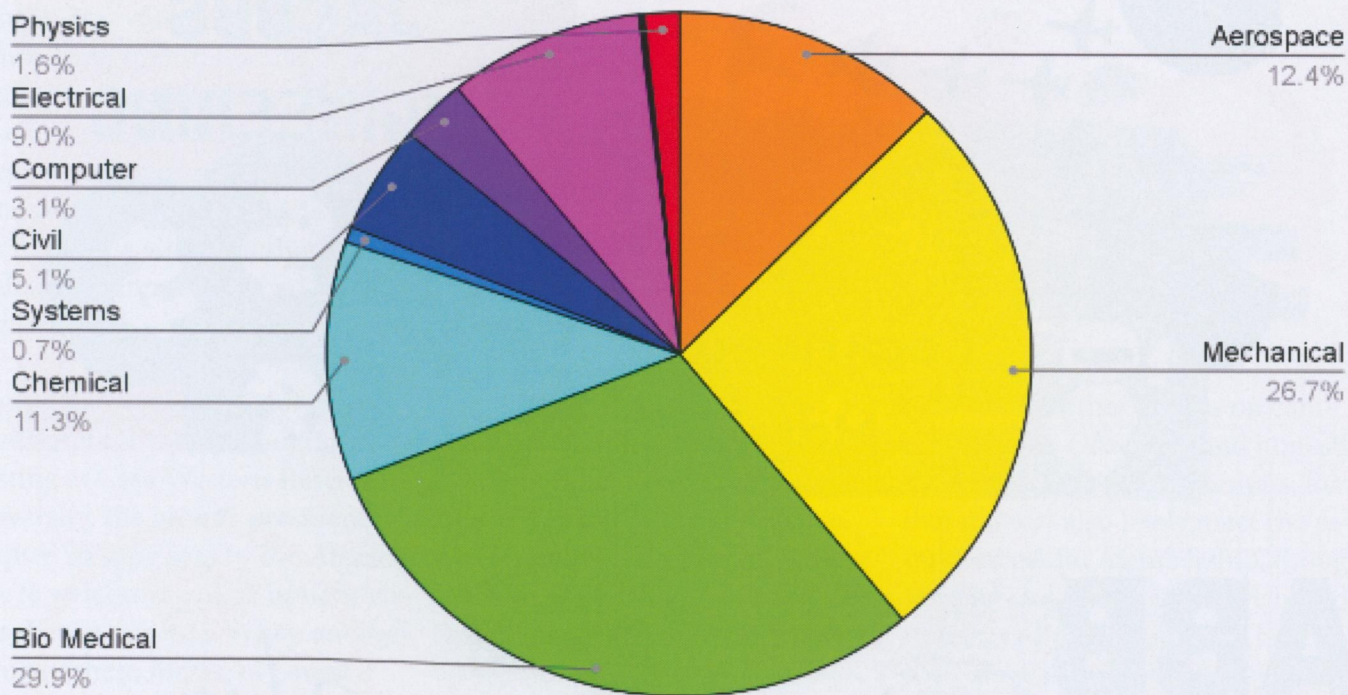




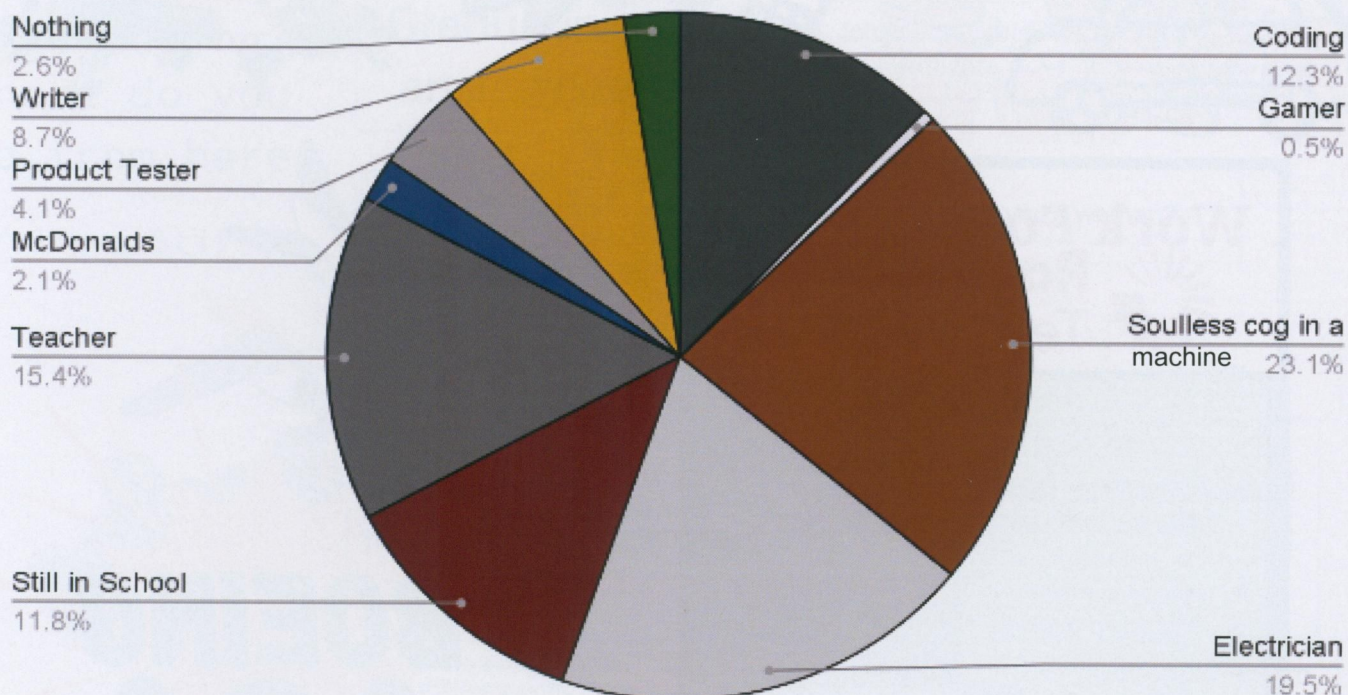
# Number of Engineers using their degrees

By REDACTED

## Number of Engineering Graduates by Degree in 2022



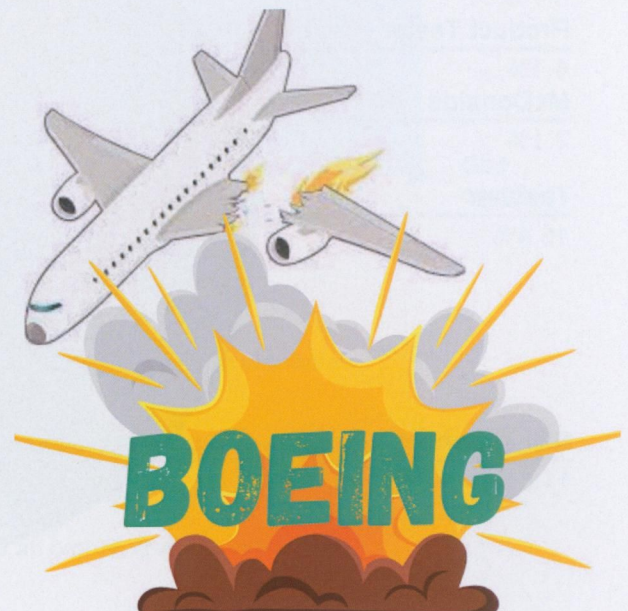
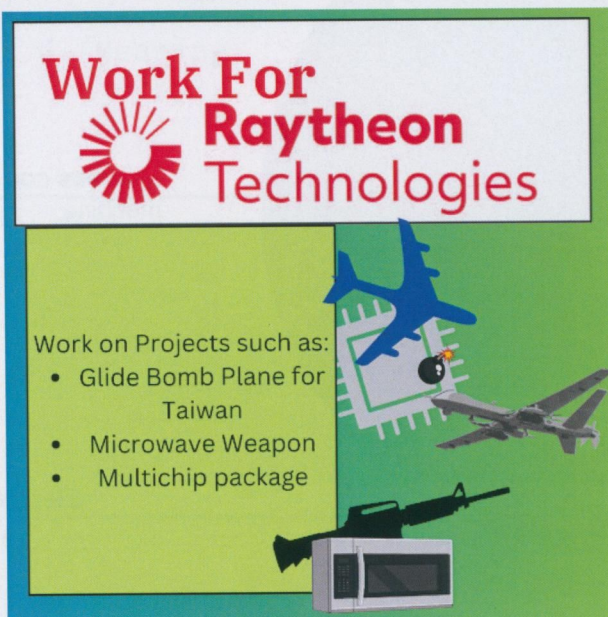
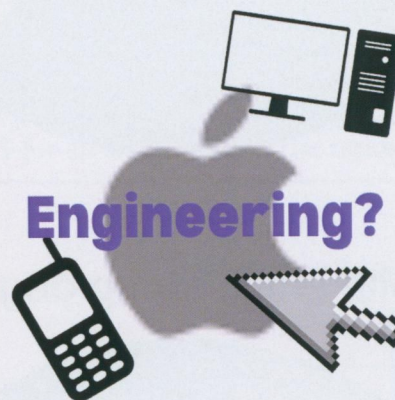
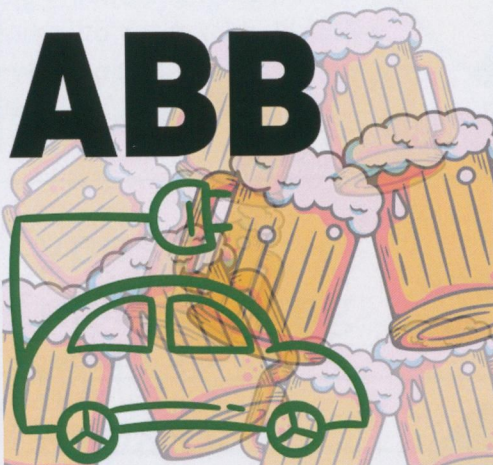
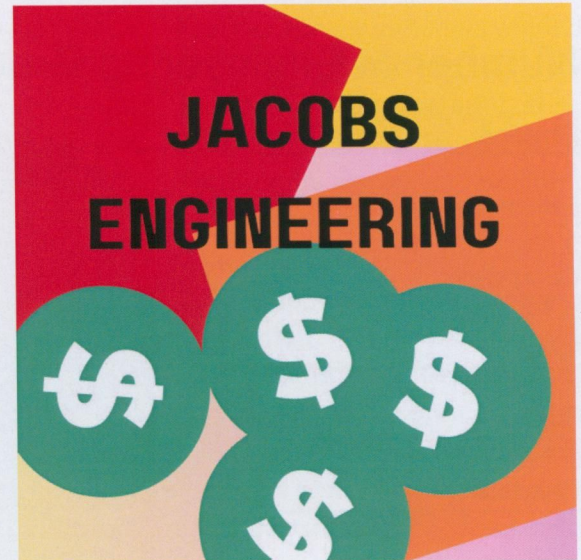
## Jobs held by people with engineering degrees





# Ads!

By: A Woman in Engineering (name lost to time)





# “Uptight Virgin Society” to Expand Targeted Recruitment to Linux Club

By Anonymous

Originally formed after the controversial University Student Government (USG) vote to formally recognize and provide student activity funding to the anti-choice group Case For Life, the Uptight Virgin Society has announced plans to expand its targeted recruiting efforts to the CWRU Linux Club, another group of albeit differently-aligned uptight virgins.



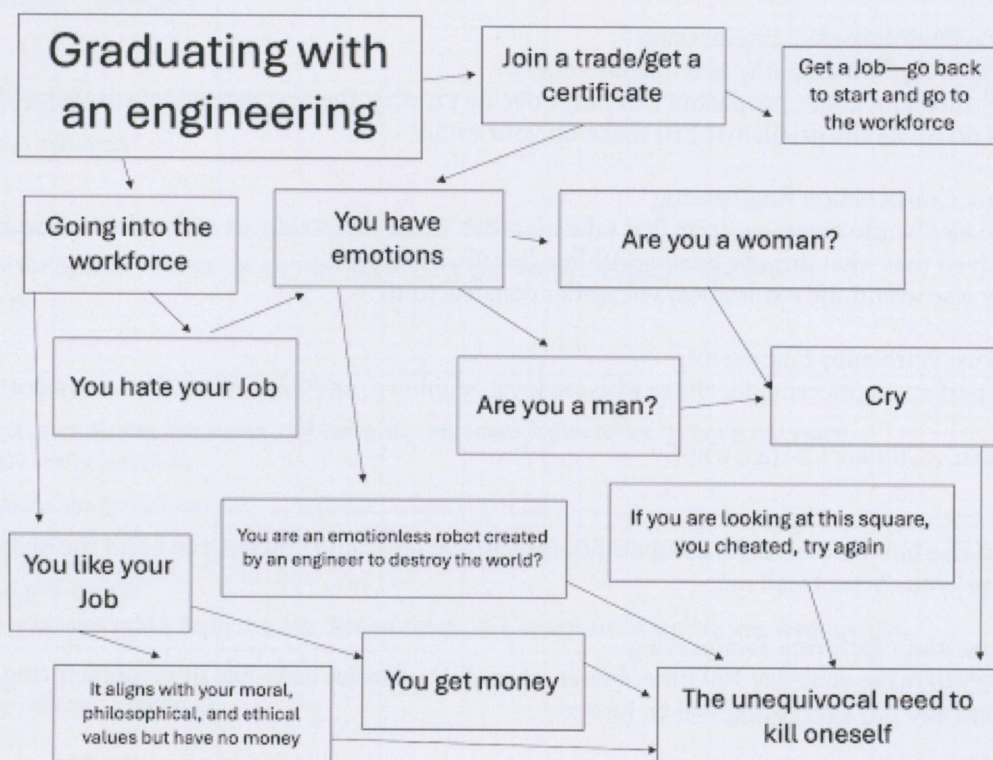
Citing Case For Life as a proof-of-concept for their demographic existing at Case Western Reserve University, the group's president Jacques Strappe said to *the Athenian*: “We’re welcoming of all uptight virgins, hence our title. When another group of them forms, of course, we’d be inclined to reach out to their members.”

Strappe acknowledged the reasons probably aren’t the same, with CFL likely practicing a more voluntary form of celibacy (or not, who really knows. On top of the abstinence, we certainly wouldn’t want to have sex with any of them). Nevertheless, the *too-good-for-mac-or-Windows* crowd still qualify, even if their virginity is protected by Red Hat and Ubuntu instead of prayer and the poophole loophole.

Admittedly, other groups on campus like *The Observer* (and honestly most everyone else on campus, for that matter) also likely meet the requirements for membership, though Strappe and his co-executive board members already appear to have their work cut out for them.

## Studying Engineering? Where do you go from here?

By Steve Stiffler





# Engineering Horoscopes

By Shannon Shahid

## Cancer: Marine Engineering

The Ocean, the second frontier.

Marine Engineering means these signs can sit in the middle of the ocean alone on a boat, talking to no one and working on their favorite topic (whatever happens in the middle of the ocean).

## Leo: Computer Engineering

Take a field that starts small and works until it takes over the world. Dominating the other engineering fields, their confidence knows no bounds as they expand into more than just engineering.

They reach their fingers into everything they can and "fix" all of the problems the other signs create.

## Aquarius: N/A

These signs wanted to change the world, they had all of these thoughts and ideas *but* they spent too much time with their heads in the clouds to prevent them from actually doing anything about it.

## Sagittarius: Transportation Engineering

They work on 100 projects at once, starting new and ending old whenever they feel like, and run when the project gets too serious. Blame these signs when your roads and public transportation are struggling...

## Scorpio: Nuclear Engineering

Only the Scorpios could make something so dangerous so elusive. They could make everything go boom with the push of a button, perfect for people more intense than a volcano of their own emotions.

## Capricorn: Materials Engineering

Of all the people to trust to make a goal and stick to it, it is the Capricorns. Their goal will consume their life and make them incapable of doing anything else until their task is done. They are unwieldy and *will* be mad when you mess up their experiments.

## Gemini: Chemical Engineering

These signs can do anything and everything, but they have no patience to get there. Chemical Engineering means they can set out to make what they want and no one would bat an eye if they accidentally made a deadly mistake. It's still progress, they made it and you can too, with only gasoline, a blowup doll, and 20 minutes alone in your mom's basement.

## Libra: Environmental Engineering

Libras with their empathy and indecisiveness...

They care a lot about people but can never decide on what the best path to take is. Solar? Wind? Nuclear? What is it guys, how do we fix the problems? Just make up your mind!

## Virgo: Construction Engineering

Who else would create projects that take months? These perfectionists will redo their work for the smallest problem, so much so that what they do breaks within a few weeks of use.

Why else would the roads always be under construction?

## Taurus: Petroleum Engineering

The perfect engineering for those who are loyal, stubborn, and Just. Won't. Go. Away. Just like the field they chose to work in.

I mean...Climate Change who?

## Aries: Aerospace Engineering

Who else but the confident, competitive, insecure Aries would you trust to build the biggest rocket?

We see you, Aries;) Call me

## Pisces: Manufacturing Engineering

They will make your day 100 times better when doing menial tasks like in manufacturing, *but* if one thing messes up their system and day everything will be fucked.



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