

THE FISHWRAP

Official newsletter of the Engineering Student Society stream A

All the news that's fit to wrap your fish in, since 1988

Monday, July 25, 2011

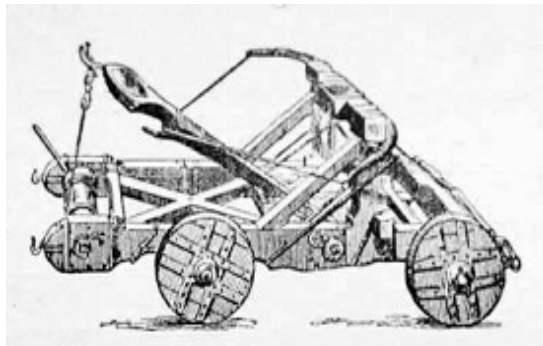
Fishue 3!

The Siege is On!

Enjoy destroying things for charity? Here's your chance! Presenting the first annual **Siege Week**, the ESS's new summer charity.

For a minimum donation of \$5, you get an opportunity to fire siege weapons at targets. If your siege is successful, you could win awesome prizes! All proceeds will go to Engineers Without Borders to fund development projects in 3rd-world countries.

Events are happening every day this week from 12-3 on the lawn outside the SUB. Rumor has it that one such event may involve birds that are quite upset about something. Could these rumors possibly be true? You'll have to drop by and find out...



Now that the FTP server is fixed, Fishwrap is once again available online! Scan this with your webcam/phone/tablet to be taken to a pdf of this issue online, or go to ess.uvic.ca/publications/fishwrap



Industry Social

Don't have a co-op yet? Want to practice your networking skills? Or need tips on how to build a career in engineering? APEGBC is working with the ESS to host an industry social this Wednesday night from 5-8 PM in the ECS.

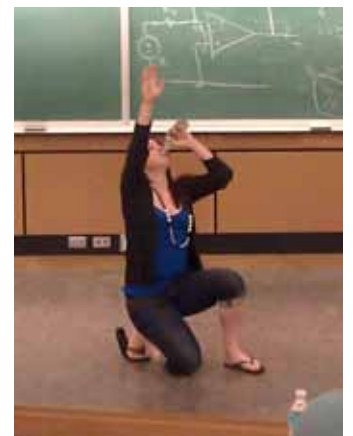
In addition to being able to mix with over 20 industry reps, guest speaker Doug VanDine (P.Eng, M.Sc) will be sharing his insight on *(continued on page 2)*

Inside

Announcements	2
New Schwag	3
EcoCAR 2	4
Grinds My Gears	4
You know you're a UVic engineer when	5
The Love Engineer	6
Minecraft ECS	8
ENGR-scoops	9
Fun	10

Picture of the Week

Fulch gets iced in Elec 250 (a video of the incident is available at www.fulch.me)



"Let's say there's a glitch in the ATM and it starts spitting out 20 dollar bills. Is this acceptable? Obviously. Depending on your point of view." -F. Gebali, CEng 241

"We don't know tiddly-winks about this." -R. Bhiladvala, Mech 494

"Say I have a hot body." -R. Bhiladvala, Mech 295

"You guys have heard of parallel circuits, right?" -TA to 2B Elec students

Events & Announcements

Industry Social

(continued from page 1)

how to strive towards excellence in engineering and geoscience. APEGBC president Frank Denton will also be giving a presentation.

This event is free, and light refreshments will be provided. Space is limited, and **registration closes today** (though late registrations *might* be accepted):

<http://www.apeg.bc.ca/students/maps/events/uvicindustrynt.html> (you will need a free APEGBC online account to register)



Slushie Friday

The last slushie Friday of the semester is this week! Slushies will be available in the ESS office. As always, slushies are free, cups 50¢.

UVic Project Finalist in ASUS Contest

For their Elec 499 project, UVic Engineers Kylee Lothrop, Stephen Lau, and Ethan Gill made an American Sign Language converter using Xbox Kinect. They have since ported it to the ASUS WAVE Xtion motion controller for a contest, and are now finalists with a shot at winning the \$20,000 top prize.

Voting requires creating a free account, but it can win you ASUS prizes including one of 3 EEE Pad Transformers with keyboard dock!

http://event.asus.com/wavi/gallery/work_contest.aspx?wid=201106309



Co-op Office Info

Reminder: get your old resumés and cover letters off the old MyCoop site. No official date has been set as of yet, but it will be offline before the beginning of the next term.

Many of the co-op coordinators are currently on vacation or doing worksite visits. If you need to speak with a co-op coordinator, there is an open-door policy, so feel free to drop by any other coordinator's office.

Also, this fall there will be a Moodle site to help co-op students communicate and keep track of required documents. More info will be emailed by your coordinator after the start of your co-op.

LAN Party

The CSCU is hosting another LAN party this Friday. Celebrate the end of classes with epic games of Team Fortress 2, Starcraft: Brood War, Savage, Age of Empires 2, Worms World Party, Defcon, Tron, and more. These LAN parties are a ton of fun even if you aren't much of a gamer.

The action starts around 7:30 in the ECS 2nd-floor labs. Bring headphones and \$5 for pizza.

APEGBC Student Video Contest

APEGBC has recently launched a Student Video Contest for Undergraduate Engineering and Geoscience Students in BC. APEGBC wants the students to show the world why they love Engineering or Geoscience! We are asking students to send us your video on "Why I Love Engineering or Geoscience". The winning submission will win a trip to APEGBC's Annual Conference & Annual General Meeting in Kelowna BC on October 14-16, 2011 and a \$1000 prize.

To submit, or for more information, go to:

<http://www.apeg.bc.ca/students/maps/studentnewsletter/%20June2011/videocontest.html>



New ESS Schwag!

The ESS has two awesome new pieces of schwag!

Item #1 is the hot look for this fall, the new ESS bandana. Designed by internationally-acclaimed fashion designer Jakov Gullivère, it's all the rage in fashion right now. One of them was just spotted on the runways in Milan, and they're flying off the shelves at Saks Fifth Avenue in New York. Your new bandana will be the talk of your co-op watercooler this fall. This stylish new piece is available exclusively in burgundy, because nothing says "stay classy" like Burgundy.

Item #2 is the new credit card bottle opener. Stamped out of 18-gauge steel with a laser-etched Viktor Viking logo and designed to fit in your wallet, it's practical, sturdy, *and* stylish!

Bandanas and bottle openers are both \$5 and available now in the ESS office.



EEE Recap



So close... so very close. The Scavenger Hunt Engineering Evening Excursion was one ticket short of selling out last Friday, but it was fun none the less for the 49 of us that went. It included a little pong in the sun, an epic chimney plank, stops at Felicitas, Sopranos, Metropolis and Boutique, one of which was still under construction when we showed up. Many of us were successful in completing a variety of challenges, and if anyone feels the successfully completed them all they should bring their shirt to the ESS! Thanks to all that came out, and look forward to the next one in September or October!



So after finishing all of your assignments, scraping together a few projects and passing some midterms, you start to look for a co-op job. Of course, not all companies are looking for students whose skill set consists of calculus and the ability to memorize 20 elements; some of these employers want hands-on skills. This is the main reason I took my last co-op with the UVic EcoCAR team. Yes, it was unpaid; however, the skills I learned were invaluable. If you aren't familiar with EcoCAR, it is a three-year engineering competition that challenges 16 North American universities to design and build a next generation hybrid. I learned everything from hybrid control design to swapping out a transmission in less than five hours. The whole competition is restarting in September (a new car, new design, and another three years), and therefore we need new team members. The competition is a great networking opportunity as you meet many industry representatives (GM, Magna, Snap-On, and more) at the competitions.

If you are at all interested in automotive or hybrid vehicle design, whether as a co-op or part-time volunteer, check out our website at ecocar.uvic.ca, or send me an email at dougthom@uvic.ca.

-Doug Thompson

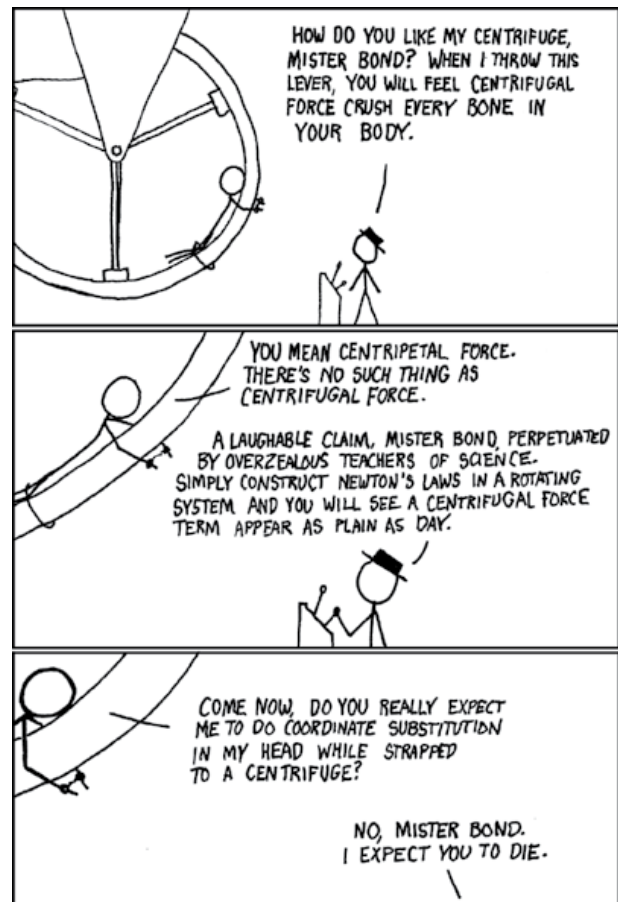
What Grinds My Gears

Tangential questions in class

Don't get me wrong - there's nothing wrong with asking good questions in class. If you're confused by what the prof has just said or you have a question that is directly helps you understand the material, ask away. Chances are, someone else is wondering the same thing.

But if you're completely lost in general or you have a tangential question that nobody else is going to care about, go see the prof after class! Not only do you not annoy the rest of the class, but your prof gets to know you're genuinely interested in the material (which might even score you some wiggle room in the marking). Just don't hold up the entire class because you just have to know something barely related and can't stand to wait until after class.

XKCD: Centrifugal



by Randall Munroe, xkcd.com. Creative Commons-licensed.

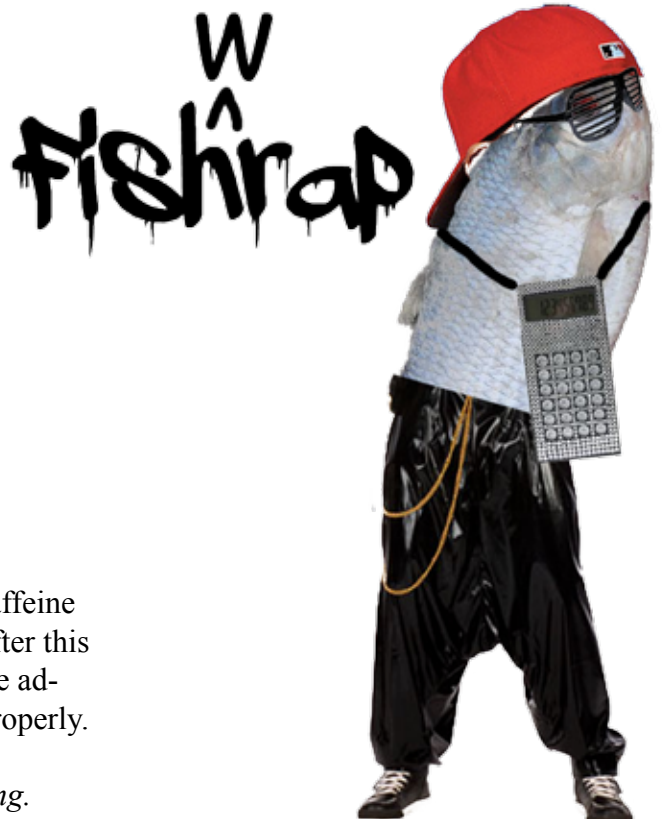
You know you're a UVic Engineer when:

- you've sat in on "the speech" in later years as well
- your prof introduces himself in Arabic.
- "crossing streams" means something completely different to you.
- you've considered purchasing large quantities of computation paper direct from the supplier and undercutting the bookstore.
- you see someone dressed in a suit and know they have a job interview after class. Unless it's Friday.
- you hate Nibbles & Bytes coffee, but drink it anyway.
- you've pushed a VW Bug around Ring Road.
- you can explain exactly why the doors to ECS125 make that windy noise when one of them isn't propped open.
- you get 40% on a midterm but end up with a B+ in the class.
- your stats prof does a proof "for funzies".
- you've shotgunned a beer in Finnerty Gardens.
- you've caught the 7 AM ferry from Tsawwassen to make it back in time for a midterm.
- the Order of Pi comes to your class and you think, "Hey, I know all these people!"
- you've *played* every role in the Order of Pi
- you go on "Engineering Evening Excursions" instead of pubcrawls.
- your student society isn't allowed to sell you slushies, so they give you free slushies and charge 50¢ for the cup.
- your prof tries to hypnotize you.
- the only reason you ever go outside is to get cell reception.

Rejected Fishwrap logo

At the start of the semester I played around with Photoshop and Illustrator to come up with a new logo for Fishwrap. Partway through the semester when I was looking through the old Fishwrap files, I found the old logo and decided I liked it more.

This logo is one I came up with at the start of the semester and decided not to use due to it officially being the worst thing ever (masive world crises notwithstanding). Enjoy!



URBAN
DICTIONARY

Word of the Week

Caffeine Window

The daily time slot in which you must have some form of caffeine otherwise you will get a headache. No amount of caffeine after this window will cure the headache. A common ailment of coffee addicts who need their morning fix before they can function properly.

I've missed my caffeine window; I feel a headache developing.

The Love Engineer

The Romance Table

There is nothing better than when a guy is romantic. A romantic guy is the best thing that a girl can get giddy about. But how do you know when you've crossed the line? Yes, men can try very hard to be romantic but sometimes it is not even worth trying when you've crossed into the zones of "Creepy", or even worse, "Disappointing".

Romantic	Creepy	Disappointing
Buying a girl flowers	"Here are some stolen flowers from the vase in the girls bathroom."	"Flowers?! Why should I get a girl flowers? It's a typical act I'll never succumb to."
Giving a girl chocolates	"Want the chewing gum in my mouth?"	"Here is half of my pizza from Nibbles and Bytes."
Catching her eye from afar and holding her gaze (if you can't hold her gaze then you fail)	Lurking in the deepest, darkest corners, around every bend and turn, waiting to creep on her.	Either hiding from her because you're too lame to make a move, or making yourself too available.
Surprises!!	Surprising her with things you shouldn't know about her.	Surprising her with facts about your ex or comparing her to your ex. BIG NO NO!
Talking about each other	Asking about her best friend, sister or another female other than her. (Wow you're creepy)	Talking only about yourself, how great you looked in your tight jeans, and boasting.
Gently touching a girls' hair and massaging her neck and shoulders (if she's creeped out by you already you shouldn't go here)	Eating her hair (I had a discussion about this at a recent girls' night. Apparently this does happen)	Not showing your emotions (I'm not saying "let's talk about our feelings". This is more along the lines of don't avoid her like the plague, and don't act like you don't know her.)
Respecting a girls' dietary restrictions, not making fun of what she eats, and being polite at the dinner table	"When I bite into this pork tenderloin, I think of you."	"You probably won't be able to finish that. Besides, it has too many calories. Let me help you."
Watching a movie together and cuddling	I can't imagine how this one can attain "creep" status. However if you've managed to accomplish it you probably shouldn't be dating anyone.	Falling asleep during the movie, obnoxiously commenting on everything, yelling at the characters even though they aren't real people and can't hear you, and farting during the movie.



On another random note, if you ever want to attract a girl, please do not wear flame pants. I just want to point out that since their existence, it is the WORST style of pants ever created by a human. They are ugly, show you have no taste, and will not get you girls. If you own a pair, burn them. If you were planning on getting a pair, re-read this paragraph.

Engineering Undergrads Reap Top Salaries

May 24, 2011, Bloomberg L.P.

College students' choice of major can mean the difference between median earnings of \$120,000 for petroleum engineering and \$29,000 for counseling psychology, a study by Georgetown University showed.

Of the top 10 undergraduate majors with the highest median salaries, eight were in engineering, including aerospace, chemical and mechanical, according to the study released today by Georgetown's Center on Education and the Workforce.

Many of the least popular majors, including naval architecture and marine engineering, command among the highest pay, while some popular subjects -- elementary education and psychology -- generate some of the lowest, according to the report. While a bachelor's degree holder can expect to earn 84 percent more over a lifetime for full-time work than someone with only a high school diploma, a student's major is correlated to income, said Anthony P. Carnevale, director of the

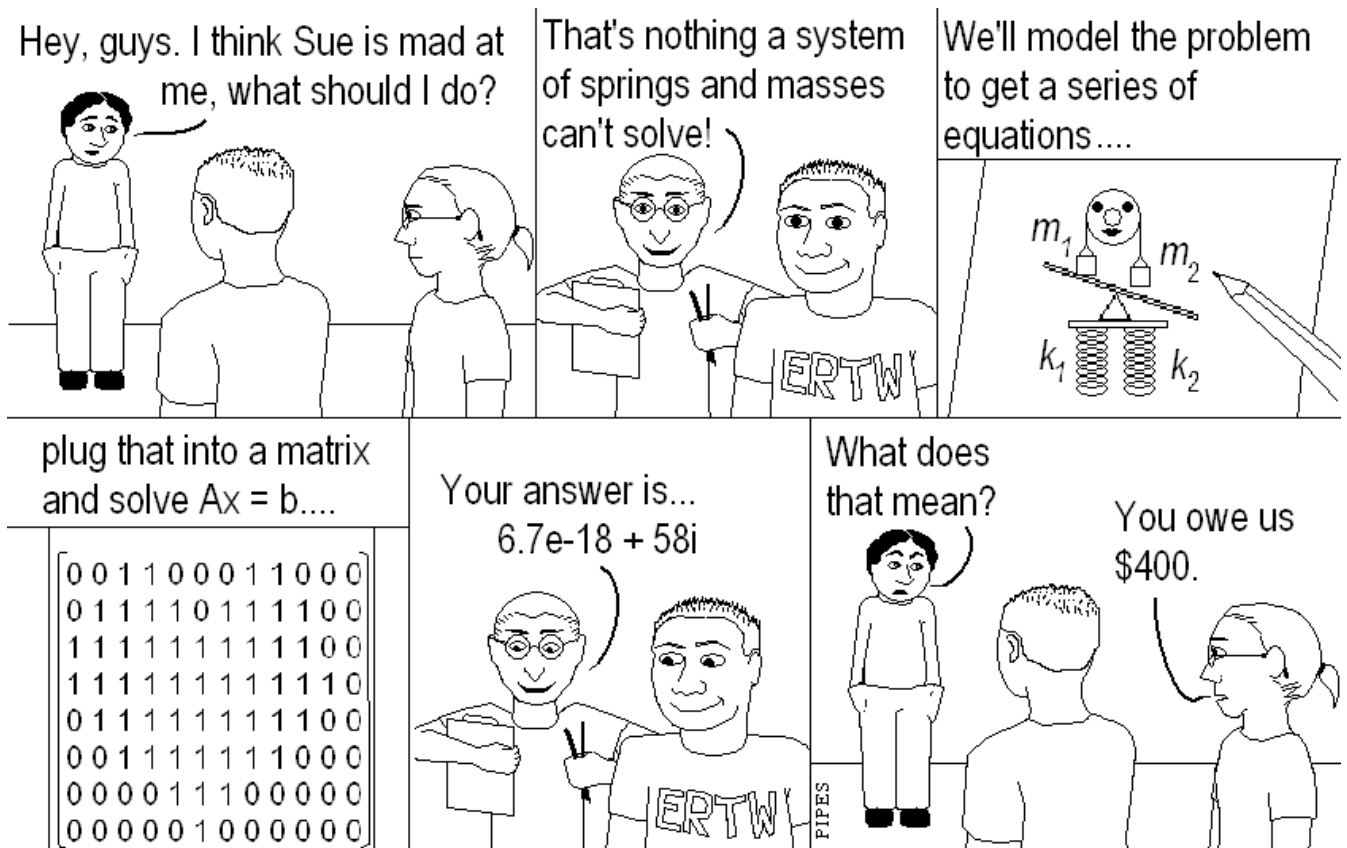
center.

"It's not the way most people see college," Carnevale said in an interview from Washington. "Most people think it's about getting a degree," rather than what you major in, he said.

Researchers categorized 171 undergraduate majors into 15 groups including health, humanities and liberal arts, and law and public policy. They analyzed data from more than half a million respondents to the U.S. Census Bureau's 2009 American Community Survey, who reported their undergraduate major and how much they earn. All were between the ages of 25 to 64.

As a group, engineering majors of all disciplines reported the highest median earnings at \$75,000, the study showed. The lowest pay, at \$42,000, came from two groups -- education and psychology and social work, which includes such categories as clinical psychology and communications disorders.

COMIC BY PIPER GORDON



Minecraft ECS

An engineering student created a 1:1 scale replica of the ECS in Minecraft.

For full-color pictures, view this issue of Fishwrap on-line at ess.uvic.ca (or scan the QR code on the front page)



MENTAL DEPREDATION

by Golden Perogi



Engr-Scopes

by P. Gordon



Aquarius (Jan 20 - Feb 18)
You may be stressed, but at least you have your health, for now.



Sagittarius (Nov 22 - Dec 21)
The stars say to focus on family this week. Silly stars, family is for BA students.

Pisces (Feb 19 - Mar 20)

“Everything in moderation” doesn’t apply to studying, or pain.



Capricorn (Dec 22 - Jan 19)

Lack of sleep is triggering flashbacks to your previous life as a circus clown. Contain that urge to juggle soldering irons.



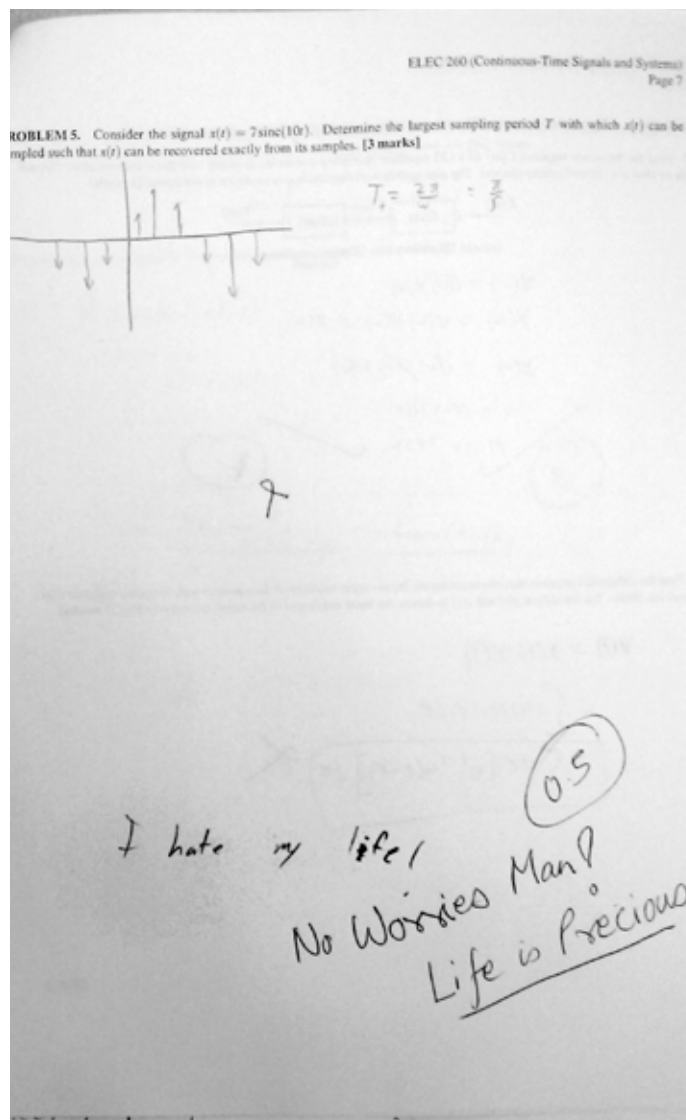
Aries (Mar 21 - Apr 19)
The mole people are at war with the elves; you can finally get some work done.

Taurus (Apr 20 - May 20)

Emotions are running high, Taurus, but stabbing strangers will get you in trouble with the law.



This was spotted on a student’s Elec 260 midterm:



Gemini (May 21 - Jun 20)
You should stop taking advice from astrologers, seriously.

Cancer (Jun 21 - Jul 22)

A tough problem has you at a standstill and it’s crunch time, so you’re doomed.



Leo (Jul 23 - Aug 22)
Your body will thank you if you lighten your backpack and avoid conflict with armed militiamen.

Virgo (Aug 23 - Sep 22)

The path to good times and the path to good grades don’t cross... your path, at all.



Libra (Sep 23 - Oct 22)
The workload has you at a tipping point. Strap something heavy to your left leg and you should be fine.

Scorpio (Oct 23 - Nov 21)

Support from friends could really help you now, but you’ll have to wait until they’re done exams.

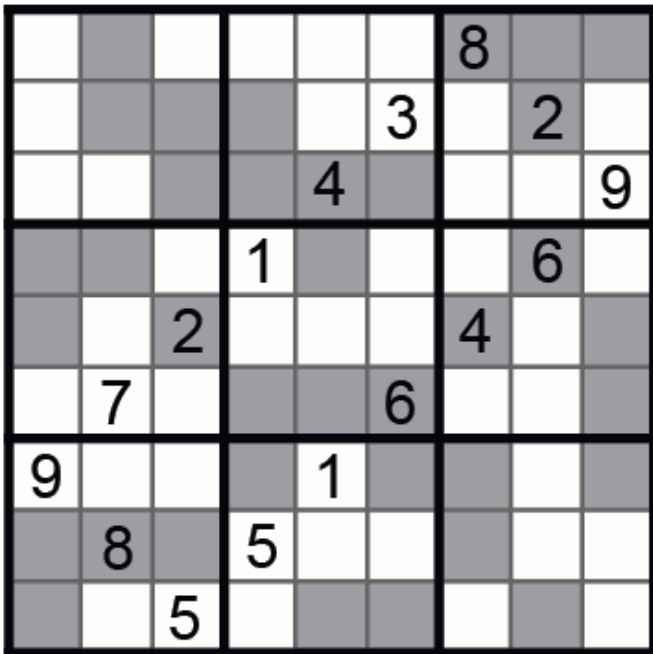


The Fun Page!

Even-Odd Sudoku

In this Sudoku puzzle, white cells must have odd numbers and grey cells must have even numbers.

As always, the first person to bring this completed puzzle to the ESS office wins a free shot glass.



This week's list of people who are awesome (and submitted to this Fishwrap)

Piper Gordon Golden Perogi
 Doug Thompson Tiffany Yu
 Nigel Syrotuck

Dominosa

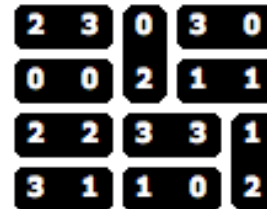
Circle pairs of adjacent numbers (horizontal and vertical) to form dominoes. To solve the puzzle correctly, one of every possible combination of two numbers must be circled.

4 5 0 1 1 0 3
 1 5 2 5 4 5 4
 0 1 3 1 2 2 4
 0 3 3 3 5 0 0
 0 2 5 4 2 4 2
 4 3 5 3 1 1 2

To help you out a little bit, here's a checklist of all the dominoes you need:

- 0 0 2 2
- 0 1 2 3
- 0 2 2 4
- 0 3 2 5
- 0 4
- 0 5 3 3
- 3 4
- 1 1 3 5
- 1 2
- 1 3 4 4
- 1 4 4 5
- 1 5
- 5 5

Example
 Here's a solved 0-3 puzzle:



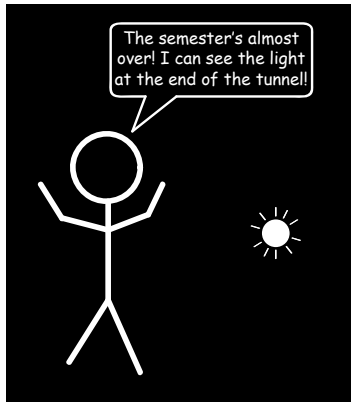
Editor's Note

Well, it looks like I'm done Fishwrap for the semester. It's been a slice.

Soon will be the very brief calm before the storm between classes and finals. Before you know it, we'll be done. Many of us will be on co-op, others will be back in classes, and some will even have graduated (congrats, by the way!) All the best in whatever endeavour you embark upon this fall!

Joel Geddert
 ESS Director of Communications

Sans Comic



by Joel Geddert

