Semesterly General Meeting

This Thursday, January 13, 2:30 P.M. to 5:30 P.M. in the ELW Lobby

The Semesterly General Meeting is your opportunity to give feedback as to how the Engineering Student’s Society is being run.

It is also an opportunity to run for positions, and get involved in the Student Society. Several positions will be available, and it is an ideal time to become involved! Whether you are a first year, a bridge student, or a well aged senior engineering student, there is a position for you on the ESS. Also, it looks awesome on the co-op resume!

There will be **FREE PIZZA**.

For more information on executive positions, and getting involved see page 2.

Engineering Concept Development Workshop

The Innovations Centre for Students in cooperation with Gustavson Entrepreneurship Faculty and the ESS will be hosting an idea generation workshop for 3rd and 4th year Engineering students. The workshop is designed to teach participants a systematic and scientific approach to generating ideas that could potentially fulfill a market need.

This workshop is great for students looking for ideas for their fourth year design projects.

The workshop is free and will be held Monday, January 10 @ 4:00 in EOW 430.

Pizza will be provided!

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**Contents Of This Edition**

- Where to Find Free Pizza
- How Safe is your Password
- Events News
- Other Random Crap you Could Know

**Resumania**

Want to improve your resume? Bring your resume to the ECS building lobby on Wednesday, January 19 for some free tips from career experts. The event runs from 10am to 2pm.

For full details visit www.uvic.ca/coopandcareer
ESS Executive Positions

**President**
The President is the official representative of the Executive and the Society and is responsible for everything that the ESS does as individuals and as a whole. The president also performs all dealings with subsidiary organizations and other professional engineering societies.

**Vice-President External**
The Vice-President External acts as a liaison between the ESS and other organizations outside of UVic by communicating with other student engineering societies and advertising and arranging guest speakers, community programs and attendance of conferences and competitions.

**Director of Communications**
The Director of Communications is responsible for internal communication with the student body, including the Engineering Student Society's newsletter. In addition to this, the communications director also aids in the promotion of events and public awareness.

**Director of Events (Open)**
The Director of Events is responsible for organizing all ESS events which includes sports events, at least one charity event per term, and pub-crawls.

**Director of Services**
The Director of Services manages all ESS services, including photocopier/printer services and merchandise sales.

**Secretary**
The Secretary takes minutes and posts notices of all meetings, takes records of functions and events, and is responsible for all general correspondence to and from the ESS.

**Vice-President Academic**
The VP Academic acts as a liaison between the ESS and everything inside UVic by going to the faculty of engineering in the case of academic disputes on behalf of the engineering students, making sure the ESS has representation at university meetings and communicating with other UVic course unions, professional development unions, and the UVSS board of directors. The VP Academic replaces the president when he/she is absent.

**Vice-President Finance (Open)**
The Vice-President Finance maintains accurate and up-to-date accounting books, preparing the ESS budget (to the approval of the student at the General Meeting) and disburses funds according to the adopted budget.

**Director of Corporate Relations (Open)**
The Director of Corporate Relations is responsible for both the gaining of corporate aid for events and the maintaining relations which are involved in maintaining organizing all ESS events which includes sports of good relations with all the corporations that he/she becomes involved with.

**Director of Sport**
The Director of Sport is in charge of running sports events and competitions throughout the semester.

**Director of Information Technology (Open)**
The Director of Information Technology is responsible for maintaining and upgrading the technology services of the society.

**Director at Large**
The Directors at Large fulfill a number of small roles in the engineering student society. Director at large is a non-elected position that is open to volunteers. If you interested in getting involved, contact an ESS executive for more information.
How Fast Could Your Password Be Hacked?

Your password might not be as safe as you think. Statistically speaking, about 20% of people use one of the following as their password. If this isn’t you, the table on the right shows how fast an average computer could break your password using a brute force attack.

Common Passwords:
- Your partner’s, child’s or pet’s name
- 123 or 1234 or 123456.
- “password”
- Your city, or college, football team name.
- Your date of birth
- “god”
- “letmein”
- “money”
- “ERTW”

Password Length  All Characters | Only Lowercase
--- | --- | ---
3 Characters 0.86 Seconds | 0.02 Seconds
4 Characters 1.36 Minutes | 0.05 Seconds
5 Characters 2.15 Hours | 11.9 Seconds
6 Characters 8.51 Days | 5.15 Minutes
7 Characters 2.21 Years | 2.23 Hours
8 Characters 2.1 Centuries | 2.42 Days
9 Characters 20 Millennia | 2.07 Months
10 Characters 1,899 Millennia | 4.48 Years
11 Characters 180,365 Millennia | 1.16 Centuries
12 Characters 17,184,705 Millennia | 3.03 Millennia
13 Characters A Long Freakin’Time | 78.7 Millennia

Want to Build a Satellite?

UVic is taking part in The Canadian Satellite Design Challenge (CSDC) which is a bold and innovative programme which will advance space education in Canada, inspire students to pursue science and engineering educations and careers, and prepare tomorrow’s leaders with the interdisciplinary teamwork skills which are necessary for success.

The time has come to recruit students interested in this design competition. There is a necessity for students of all academic levels and disciplines ranging from all facets of engineering, computer science, and physics. A meeting will be hosted next week for all who want to check it out, come down and see if you would like to participate. Here are the details:

Where: ECS 660
When: 12:30pm, Wednesday, January 12
Why: Sparking peoples interest in spacecraft design

If you are interested but cannot attend the meeting for any reason, please contact Nathaniel Kitzke at nkitzke@uvic.ca.
Hello, and welcome back to another semester of technical jargon, unwarranted amounts of math, and lengthy labs followed by lengthy lab reports. Whether you are in 4B, 3A, 1B, or somewhere in between, I pledge to bring you some minor relief from the plights of engineering on bi-monthly basis, in the form of a Sudoku. The completion of these legendary Sudoku will separate the men from the boys, the women from the girls, and heroes from those who pay attention in class.

In other news, I’m looking for minions to assist with the creation of this semester’s Tubes and Wires. If you are in any way interested, drop by the ESS office, say hello at the SGM, or send me an email at essb-com@engr.uvic.ca. Until next time remember: where there’s a will, there are five hundred relatives.

Signing off,
B.N.