Who Are We?!

By Michelle Mabuyo, Computer IV & AVP Publications

We are! We are! We are the engineers! Welcome (back) to engineering student life, geerheads! Back to the grind. The first week may have been pretty chill for most of you, stopping by the beer gardens in between classes, snagging free swag from tables at Clubs Fair and lounging around in quad when the weather was nice enough to let you. Or maybe you were like me, making classic first year mistakes like going into the wrong classroom (twice in two days, can I...
even university??) and running around with barely a breather to eat before I got too grumpy to function. The start of the semester holds different adventures for everyone!

Speaking of adventures, you’ve got one in your hands (or computer screen) right now. Who are we? We’re The Bridge, ESS’ monthly newspaper, filled with relatable articles, funny comics and jokes about engineering students’ life and culture. This first issue marks off the start of this adventure, and we’re pretty excited to share it with you! I hope you find something in here that speaks to you, makes you chuckle, or proves a worthy distraction from courses; and if not, well, you’re more than welcome to contribute your part to make The Bridge one of the best reading adventures for the engineering student body!

ICE ICE Baby

By Solbee Seo, Mechanical II

Look at non-engineering buildings. Now look at ETLC. Now look at CAB. Now back at ECERF. Standing in the middle of Engineering Quad, you almost feel bad for other faculties because we have so many fancy buildings like NREF and NINT. Yet here it is, another addition to the bunch – Donadeo ICE. With fourteen floors and possibly the most number of glass windows, ICE is constructed to accommodate a further 50-percent expansion in

**What is the definition of an engineer?**

Someone who solves a problem you didn’t know you had in a way you don’t understand.

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**Goodbye GeerCard, Hello ScoutCard**

Get it at the Geer Store (2nd floor ETLC by the Tim Horton’s) for $10. It also comes with a $20 Uber ride, so really it pays for itself. For more information, check out scoutcard.ca.
the Faculty of Engineering and will prove its excellence of being a green building with LEED Gold Certification.

There are directory panels everywhere so you won’t get lost in the building, but mind that several sections are still under construction! In the meantime, let me show you what each floor has to offer for you:

- **L1 Basement** – Loading dock
- **M** – Graduate student work stations and meeting rooms
- **2** – Offices for outreach and student services, Co-op interview rooms, and access to Windsor Car Park, ChemE building, ETLC, and NINT
- **3, 4, 5** – Graduate students, faculty, and staff work spaces and access to ChemE building
- **6, 7** – Department of Civil and Environmental Engineering and IT Services on 6th floor, more graduate student work spaces, access to ChemE building
- **8** – Meeting rooms, access to ChemE building AAAANNNNNDDDD the **Fred Pheasey Student Common** (or more studying spaces for students! Yay! #engglife)
- **8A** – more common areas
- **9** – Office of the Dean and academic services (HR, finance, etc.)
- **10** – Department of MecE, **11** – Department of ECE, **12** – Department of Chemical and Material Engineering, **13** – Department of Biomedical Engineering
- **14** – Elevator machine room

Enjoy the view and chill at ICE.

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*Engineering students are special, and so are textbooks. You deserve a special used-textbook registry, rather than a plain Facebook page. Buy & sell used textbooks, tailored for engineering students! Visit the Geer Store for more information, or you can find the spreadsheet here.*

*If you haven’t checked out 8th floor of ICE, go do it. JUST DO IT! What are you waiting for?*
Engineering Carnival
By Michelle Mabuyo, Computer IV

Engg Carnival felt like Week of Welcome done over the span of two days, Engineering Style. While WOW gives you a taste of university life and culture, Engg Carnival caters specifically to engineering students and their interests. Yeah, we get our fair share of visitors from other faculties but what makes the Carnival great is how it celebrates engineering students outside of coursework. The chance to meet people with similar interests and bond outside the constraints of a classroom was something hundreds of students jumped at.

You may have been drawn to the Carnival by the presence of the colourful contraption used for bungee run, the chance to get people wet in the dunk tank, or maybe the silly people in bumper balls careening into each other. Maybe you stopped to watch all those weird people running with brooms between their legs tossing a soccer ball (Quidditch!). Whatever it was that got you to stop on your way to class, hopefully you stayed and participated!

It was also a fantastic time to admire the showcase of achievements from project groups and discipline clubs. Strolling through the engineering quad, you really had to stop and check out every booth! From MecE’s Jumbo Jenga to SPIE Club’s laser harp and CivE’s balloon darts, crowds enjoyed all sorts of interactive activities. You could grab a bite to eat with burgers and spring rolls, finishing it off with some liquid nitrogen ice cream, courtesy of EngPhys. Brain teasers like CompE’s riddles competition were perfect for challenging bright engineering minds. And the merch! Who doesn’t want to represent their discipline with shirts and lanyards? EE had the most to show off at their table, from snapbacks to hoodies to jerseys. Formula SAE and EcoCar brought out their impressive custom club-made cars, attracting and showcasing cars that have made it through tough competitions. If you want to learn more about all the project groups and clubs, check the engineering handbook!

Events like this are made possible by ESS. Come out to the ESS’ Annual General Meeting on September 17th at 5pm in ETLC 1-003!
Why I Went Greek and You Should Too
By Alyx McMillan, Mechanical IV

In my first year of University, I decided to pledge a Panhellenic women’s fraternity. Before I made that life-changing decision, I had long subscribed to the media’s perception of a “sorority girl”. That being said, I’m also a firm believer in having a solid and supported opinion, and my only reason for judging those girls came from movies that they definitely didn’t star in. So I reached out to the sororities listed on the University’s website and, essentially, asked the Greek women on campus to enlighten me.

Starting University was a whole new ballgame. I wasn’t the smart girl anymore; EVERYBODY was the smart girl. And in engineering, it felt like I was just another fish in the sea. But I was still the socially awkward girl with really bad jokes who made people laugh, I made friends "easily" in my weird way of literally asking somebody if I could be their friend (“Hey, I don’t know anybody in this class, can I sit with you and be friends?”). I had come to a plateau, I guess. Not in my friendships, but in being encouraged to push my limits. It felt like since my friends had known me my whole life, they knew my behavioural patterns and what my limits were, and they weren’t going to push me through boundaries that I had previously imposed on myself. And when high school reached its end, my friends split up all over campus, most going to Faculté St. Jean (I was in French Immersion throughout grade school). I was a first year female student in engineering, and the idea that I would be navigating campus alone was scary.

University was a new beginning, and that meant that I would have new goals, more growing to do, and a brand new finish line. The Greek women on campus convinced me that being part of a Panhellenic sorority meant limitless opportunities and encouragement – no hazing, embarrassment, or otherwise emotionally scarring experiences. That was my main reason for joining a women’s fraternity: I was looking for support. A whole new network of people who were new to the idea of me and had no handle on my abilities and would therefore see no limitations.

Some things you just don’t want to do on your own, you know?”

“I was looking for support. A whole new network of people who were new to the idea of me and had no handle on my abilities and would therefore see no limitations.”

SNAPCHAT: bucklingESS
Send us snaps of engineering life. Maybe you’ll end up being featured on EnggLink as the Snap of the Week!
Please be aware that all snapchats will be saved. So be careful what you send.

“Some things you just don’t want to do on your own, you know?”

“I was looking for support. A whole new network of people who were new to the idea of me and had no handle on my abilities and would therefore see no limitations.”

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Maybe, just maybe, there would be people out there who recognized the pressure I put on myself and, instead of letting me carry it alone, would shoulder it with me. (I'll give you a hint: these people exist!)

But then there were the secondary reasons for joining: global connections, scholarships, leadership initiatives, and volunteer opportunities. Some things you just don't want to do on your own, you know? The thought of being surrounded by people who came together for a common purpose and with the intention of maintaining friendships was very appealing. I wanted to spend my time at University with people who wanted to be more than just Facebook friends and who would support me like a real sister would, and that's exactly what I have found.

First Years: X
Things I Hate About You
By Manuela Key Marichales, Computer IV

I'm choosing to believe that I'm not alone in the strange resentment I feel towards all the first years. I find myself constantly glaring at the arrogant, wildly hungover newbies and rolling my eyes. At first I considered it a rite of passage but then I discovered my animosity might just be a strange mix of jealousy and protective instinct for the poor unfortunate souls.

I, like many others, came into Engineering with an optimism deeply rooted in being the smartest person at my high school, a confidence that got beat out of me sometime during an ENGG 130 lecture. As I progressed in my academic career, what little optimism I retained dwindled down as I realized exactly how smart I was and all I had to do to become as smart as I'd always thought I was. I envy the first years their confidence, but wish them a bit more self-awareness. I roll my eyes at them because I think of all the ways I could have done my first year better and all the ways the majority of [first years] will screw theirs up.

But I won’t roll my eyes at them anymore.

Us older students could stand to regain some of the confidence that years of botched midterms and last-minute all-nighters have taken from us. The first years would benefit from learning, as quickly as physically possible, that they are not indestructible. They’ll learn the way we all did that the life they’ve chosen for themselves as
engineers is going to be as difficult as everyone warned them it would be. Don’t become disheartened the first time you fail a midterm. Don’t bury yourself under so many assignments and labs that you forget what made you want to do this in the first place. You’ll fail — and that’s virtually inevitable — but you’ll make it through even the worst of it.

This is my plea to all engineering students — straight out of high school to on the brink of graduating: remain humble but proud and hardworking. You made it this far, and that’s pretty amazing in of itself, but there’s still a long way to go...

Distraction Corner

Circle Sudoku

In case you didn’t know, the Engineering Handbook already has several pages of Sudoku for you to enjoy. So here’s a variant called Circle Sudoku in case you needed more time sucked out of your day!

Within each circular ring and wedge of the puzzle, you must place the digits 1-8 once only.

Circle Sudoku puzzle from http://www.clarity-media.co.uk/aboutpuzzles/circle-sudoku
September holds some common experiences for engineering students. We’re all in this together! Here’s the first edition of Engineering Bingo. Let us know if you complete a column, row or a diagonal.

<table>
<thead>
<tr>
<th>B</th>
<th>I</th>
<th>N</th>
<th>G</th>
<th>O</th>
</tr>
</thead>
<tbody>
<tr>
<td>The line-up to Timmy’s reaches up to Pizza 73</td>
<td>All the nearby plug-in outlets are taken</td>
<td>Someone hurriedly asks to borrow a stapler; their assignment is due in 5 minutes</td>
<td>The prof still uses transparencies on a projector for lectures</td>
<td>Spending time to make sure you got the right dropbox for the section before handing in the assignment</td>
</tr>
<tr>
<td>Vowing to go to ALL your classes for the whole week</td>
<td>Exploring the new ICE building</td>
<td>Someone is snapchatting in class</td>
<td>Hearing the orders being shouted out from the Tim Hortons workers</td>
<td>Dropping off your assignment in the wrong dropbox and panicking</td>
</tr>
<tr>
<td>Did any of the Engg Carnival activities</td>
<td>Someone falls asleep in class (hopefully not you)</td>
<td>Events and meetings advertise free pizza, luring you in</td>
<td>You miss an 8AM class (either purposefully or accidentally)</td>
<td>Buying stacks of engg paper in preparation for the rest of the semester</td>
</tr>
<tr>
<td>People start packing up 5 minutes before class ends</td>
<td>Actually using the engineering handbook</td>
<td>You hit up club AGMs for the free food</td>
<td>Someone is wearing faculty merch</td>
<td>Going into the wrong classroom for a lecture and trying to leave as inconspicuously as possible</td>
</tr>
<tr>
<td>Someone is playing on their phone/computer during a lecture</td>
<td>Eating your food in class because you have no breaks in between lectures</td>
<td>BBQs in quad</td>
<td>Being caught in the waves of people entering and exiting ETLC between classes</td>
<td>Going into the wrong classroom for a lecture and staying for the full hour anyway</td>
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