Welcome to the Faculty of Engineering

Timmons Wong

New Student Welcome 2019
The Faculty of Engineering acknowledges with respect the Lkwungen-speaking peoples on whose traditional territory the university stands and the Songhees, Esquimalt and WSÁNEĆ peoples whose historical relationships with the land continue to this day.
# Faculty of Engineering Degrees

<table>
<thead>
<tr>
<th>Degree</th>
<th>Field</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSc</td>
<td>Computer Science</td>
</tr>
<tr>
<td>BEng</td>
<td>Biomedical Engineering</td>
</tr>
<tr>
<td></td>
<td>Computer Engineering</td>
</tr>
<tr>
<td></td>
<td>Civil Engineering</td>
</tr>
<tr>
<td></td>
<td>Electrical Engineering</td>
</tr>
<tr>
<td></td>
<td>Mechanical Engineering</td>
</tr>
<tr>
<td>BSEng</td>
<td>Software Engineering</td>
</tr>
</tbody>
</table>
Dr. Peter Wild
Dean, Faculty of Engineering

Dean’s Welcome
Faculty of Engineering
Department Chairs

CIVIL ENGINEERING
Chair: Dr. Christopher Kennedy

MECHANICAL ENGINEERING
Chair: Dr. Nikolai Dechev

ELECTRICAL & COMPUTER ENGINEERING
Chair: Dr. Michael McGuire

COMPUTER SCIENCE
Chair: Dr. Sudhakar Ganti
Faculty of Engineering
Program Directors/Managers

BIOMEDICAL ENGINEERING
Dr. Stepanie Willerth

SOFTWARE ENGINEERING
Dr. Stephen Neville

Engineering CO-OP:
Ms. Meeta Khurana
Faculty of Engineering
New Student Welcome

Dr. LillAnne Jackson
Associate Dean, Undergraduate Programs
Faculty of Engineering

Intro to the Faculty
Congratulations!

- The Faculty of Engineering accepted YOU
- You are becoming an Engineer

But . . . What, exactly, is Engineering?
Engineering Graduates Demonstrate

- A knowledge base for engineering
- Problem analysis
- Investigation
- Design
- Use of engineering tools

- Impact of engineering on society and the environment
- Economics and project management

- Individual and team work
- Communication skills
- Ethics and equity

- Professionalism
- Life-long learning
Engineering Knowledge . . .

Team work
Communication
Ethics
The Environment
Society
Economics
Professionalism

. . . plus . . .
... Co-op Opportunities ...
Future Career
ENGINEER

There's No Thing Such A "Little Mistake"
A Simpler Definition of Engineering?

An Application of Science and Mathematics

If you speak the language of Mathematics . . . Your Engineering problems will not be difficult.
### What is different in university?

<table>
<thead>
<tr>
<th>Hours in class</th>
<th>Grading</th>
<th>Type of learning</th>
<th>Independence</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Less formal class time; more independent study time</td>
<td>- Less frequent grades that are worth more</td>
<td>- Expect deeper learning</td>
<td>- Choices</td>
</tr>
<tr>
<td>- Lots of in-between time</td>
<td>- Expected vs. Required work</td>
<td>- Connecting &amp; Extending vs. Memorizing</td>
<td>- Self-checking</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- Mistakes</td>
</tr>
</tbody>
</table>

Slide Credit: A. Hadwyn
Grades are correlated with attendance

FIGURE 5. Illustration of the curvilinear relationship between attendance and grade outcomes. Data from Gendron and Pieper (2005).
What do professors expect?

- **Engagement (Be there + complete the work)**
- **Workload expectations (2:1 rule)**
- **Read the Syllabus: Attention to the instructions, purpose, and context**
- **Break things down and prioritize**
- **Take advantage of instructor availability**
You Decide

- When to study Calculus . . .
- When to work on that Programming assignment. . . .
- If you have the time to go out with friends
- If you should take on a part time job:

168 HOURS IN WEEK
- 23 -- in class
- 2 x 23 -- study: 2 hours (min) per class hour
- 7 x 7 -- sleeping (min)
- 21 x 1 -- meals
- 7 x 2 -- exercise, shower, dress, transportation
- 7 x 2 -- email, phone, instagram, etc

TIME FOR WORK = 1 hour

- Which grade you receive!
Socializing & Activities

Critical for your Academic Success is:

- Physical Health / Exercise
- Social Interaction
- Minimal use of alcohol, cannabis, other medications
  - All negatively affect your academics!
  - Keep it legal!!

This is a year of transitions!

- Set goals that work for you
- Then make choices that feel right for you (and say no to the others!)
- Communicate with people who are important to you!
A Prize for the Best Answer:
(please raise hand)

We all come from somewhere in this world . . . .

. . . . . . . You've listened to me talk for 7 minutes now . .
. . . . . . . . Can you tell where I am from?
Be specific, please!

You will meet people (students, professors, teaching assistants) from all over the world . . . .

- All are proficient in English
- You will hear many accents
- If someone says something that you don’t understand, ask for clarification!
Safe, Welcoming Environment for all

• Respect others perspectives
• Refrain from discriminatory behaviour/speech
• Talk about uncomfortable situations, distress

Inclusion of all and open exchange of ideas is central to the Faculty’s mission
Faculty of Engineering
New Student Welcome

Austin Sawyer
4th Year Student, Biomedical Engineering

Student Experience
Math Help

Math & Stats Assistance Centre
First Year Math at UVic
Two locations:
• David Turpin Building A202
• Library room 129

Friendly study space,
Free tutoring,
Resources
www.uvic.ca/msac
Who uses the Math & Stats Assistance Centre?

Fall 2018 requests (8553 total)
- Science
- Engineering
- Social Science
- Business
- Other
- Education
- HSD
- Pathways
Who uses the Math & Stats Assistance Centre?

First year math: 59%
Second year math: 18%
Statistics: 21%
Math & Stats Assistance Centre

We will see you there!
First Year Math at Uvic

We now have three different first-semester calculus courses:

MATH 100, MATH 102, MATH 109

1. MATH 102 is designed for you.
   You may enrol in MATH 109 or MATH 100 if you wish.

Yes

MATH 100 is designed for you.

Yes

Next Course: MATH 101

No

MATH 109 is designed for you.

No

Have you taken Calculus before?

Yes

Are you in Social Sciences or Biology?

No
What do you know about l’Hospital’s Rule?

A: I don’t know much about hospitals...

B: It’s the best rule ever and you should use it for all limits all the time.

C: It was not proven by the Marquis de l’Hospital.
What reaction do you have to the words “The Quotient Rule”?

A: Please don’t ask me to state it – are they going to make us prove that on a midterm?

B: I try to avoid it by thinking of a quotient as a product instead and making use of the Chain Rule.

C: I’m guessing it’s some kind of rule from Calculus.
You’re going to learn a lot of mathematics as you pursue your Engineering degree, and your 1st year Math & Stats instructors look forward to helping you do it!
Faculty of Engineering

New Student Welcome

LeAnne Golinsky
Admissions / Advising Officer

Advising
Academic Advising

Engineering Undergraduate Office
Engineering Office Wing (EOW) 206
engr@uvic.ca   (250) 721-6023
WHAT IS ADVISING?

- Program planning & advice
- Registration questions
- Program declarations
- Workload / Success help
- Academic & illness issues
- Campus referrals

because there are some questions that even GOOGLE can’t answer.
WHO ARE THE ADVISORS?

- 1st Year, other Undeclared  **LeAnne**  engradav@uvic.ca

- Mechanical, Software  **Belinda**  engradv1@uvic.ca

- Biomedical, Civil, Computer, Electrical  **Alejandra**  engradv2@uvic.ca

- Mimi, Tracy and Val are all there to help too!

  Drop in advising? – always available!

Engineering Undergraduate Office, EOW 206  
engr@uvic.ca
ACCESSING ADVISING

• **Drop in EOW Room 206** — drop in advice, general questions, registration information, do you need to see an advisor?

• **Booking an appointment** — ENGR Advising Site, in your Course Spaces (don’t worry – you’ll find out about this soon enough!) [https://coursespaces.uvic.ca](https://coursespaces.uvic.ca)

• **Email or phone**
ALTERNATE FIRST YEAR SCHEDULES

- Do 1st year over 3 terms
- Slows things down – time for other things!
- Finish 1st year by August instead of April
  - Some courses in Summer session

- Interested? There is still time to change....
<table>
<thead>
<tr>
<th>Resources for Success</th>
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</thead>
<tbody>
<tr>
<td><strong>Computer Science Assistance Centre</strong></td>
</tr>
<tr>
<td><strong>Math Assistance Centre</strong></td>
</tr>
<tr>
<td><strong>Centre for Academic Communication</strong></td>
</tr>
<tr>
<td><strong>Study Solutions Office</strong></td>
</tr>
<tr>
<td><strong>Learning Assistance Program</strong></td>
</tr>
<tr>
<td><strong>Chemistry</strong></td>
</tr>
<tr>
<td><strong>Physics</strong></td>
</tr>
</tbody>
</table>
Degrees requirements are outlined:
• In the Calendar – of course!
• On the department websites
• On the program planning worksheets

Do your reading ahead of time, and come prepared with your questions.

Our advisors can help you understand these requirements – YOU have read them!
YOUR GPA MATTERS

• Your GPA is reviewed twice a year
  – Winter – September – April
  – Summer – May – August
• Good Standing – 2.0 or better
• Probation – Less than 2.0
• Required to withdraw – unsuccessful probation period
• Acknowledge early warning signs. Come talk to us. We can help!
• Rank your program choice for 2\textsuperscript{nd} year

• On-line declaration form
  • On our website in February

• Minimum requirements – 2\textsuperscript{nd} year standing, C+ average and \underline{no grades less than C}
  • Competitive averages may be required.
  • ALL program requirements are considered.

• Declare by: April 30\textsuperscript{th}
• Decisions by: May 31\textsuperscript{st}
2nd YEAR....AND BEYOND!

Admitted to the 2nd year of your program?

• Consider your specialization or options

• Consult your advisor
I WANT TO DROP A COURSE

<table>
<thead>
<tr>
<th>Date</th>
<th>Drop Deadline</th>
<th>Tuition Refund Conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>September 17th</td>
<td>100% drop deadline</td>
<td>100% of tuition back for course(s) dropped on or before this date</td>
</tr>
<tr>
<td>October 8th</td>
<td>50% drop deadline</td>
<td>50% of tuition back for course(s) dropped on or before this date</td>
</tr>
<tr>
<td>October 31st</td>
<td>Academic drop deadline</td>
<td>No tuition back, but won’t fail the course</td>
</tr>
</tbody>
</table>

Results of assignments, labs, midterm unsatisfactory?
Talk to your advisor!
Use feedback to make the right decisions for you!
WHAT DO I DO IF...

...I am ill, get in an accident, something happens in my family

1. Consult immediately with Counselling Services, Health Services or another health professional

2. See your Advisor
Learning Commons in the Mearns Centre (McPherson Library)

- Writing support
- Library technical and computer help
- Math, Statistics and Physics assistance
- Research and library help

Counselling Services in the University Centre

- Personal counselling
- Career exploration
- Peer helping, groups and workshops

Centre for Accessible Learning

- Assistive technology
- Academic accommodations
Giveaway time !!

Questions, you answer, we give prizes!
MOUSSA MAGASSA
UVIC HUMAN RIGHTS EDUCATOR
EQUITY & HUMAN RIGHTS OFFICE (EQHR)

Professionalism in Engineering and
The issues of human rights discrimination and harassment

Email: mmagassa@uvic.ca
Tel: 250-472-4114
THE UVIC EQUITY & HUMAN RIGHTS OFFICE

Mandate

The Equity and Human Rights Office champions UVic’s commitment to practices of equity, fairness and inclusion. In partnership, we foster communities where strength is found in diversity and respect for difference provides dynamism and vibrancy to university life.
EQHR works across four priority areas:
Prohibited Grounds under the BC Human Rights Code

- Age
- Ancestry,
- Colour,
- Place of origin
- Race
- Disability - physical or mental
- Family status
- Marital status
- Political belief
- Religion
- Sex
- Sexual orientation
- Conviction for an unrelated criminal offence
What should you do to avoid being accused of harassment or discrimination?
Multiple layers of Diversity

Question

Engineering Students are stereotypically:

A. Very sociable and outgoing
B. Elitist (male dominated)
C. Respectful of all genders (accepting of all genders)
D. All the above
Male privilege

I HAVE THE PRIVILEGE OF

BEING TOTALLY UNAWARE
OF MY OWN PRIVILEGE
‘Ism’ triangle model

Individual Behaviours & Experiences

SYSTEMS - The normal way things work
- Institutional structures, policies, established practices

POWERFUL UN-EXAMINED IDEAS
- Underlying beliefs and attitudes, often rarely spoken

IMPACT
- on organization
- on various groups/individuals involved (e.g., racialized workers, white workers)
- others who are impacted
- Clients?
Prohibited Grounds under the BC Human Rights Code

- Race
- Colour
- Ancestry/ethnicity
- Place of origin
- Political belief
- Religion
- Marital status
- Family status
- Physical or mental disability
- Sex/Gender identity
- Sexual orientation
- Age
- Conviction for an unrelated criminal offence
Are there limits to the obligation to behave professionally

(i.e. are there places, times, situations where you don’t believe you need to be professional?)

A. We are free to criticise our employer outside of the workplace and in public

B. As engineers we are obliged to act professionally everywhere and anytime

C. We are only engineers when we are at work
THANK YOU

For more information about

The Equity and Human Rights Office

Visit:  http://web.uvic.ca/eqhr

Email me: mmagassa@uvic.ca
Tel: 250.472.4004
Faculty of Engineering
New Student Welcome

Dr. Michael McGuire
Electrical and Computer Engineering

Your GPA, Time Management & Academic Integrity
GPA - a ticket to **success or suffering**!

- Know how to calculate GPA (Grade Point Average)

<table>
<thead>
<tr>
<th>Grade</th>
<th>Grade Point</th>
<th>Percent</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>9</td>
<td>90 – 100</td>
<td>Exceptional</td>
</tr>
<tr>
<td>A</td>
<td>8</td>
<td>85 – 89</td>
<td>Outstanding</td>
</tr>
<tr>
<td>A-</td>
<td>7</td>
<td>80 – 84</td>
<td>Excellent</td>
</tr>
<tr>
<td>B+</td>
<td>6</td>
<td>77 – 79</td>
<td>Satisfactory</td>
</tr>
<tr>
<td>B</td>
<td>5</td>
<td>73 – 76</td>
<td>Good</td>
</tr>
<tr>
<td>B-</td>
<td>4</td>
<td>70 – 72</td>
<td>Solid</td>
</tr>
<tr>
<td>C+</td>
<td>3</td>
<td>65 – 69</td>
<td>Satisfactory</td>
</tr>
<tr>
<td>C</td>
<td>2</td>
<td>60 – 64</td>
<td>Minimally satisfactory</td>
</tr>
<tr>
<td>D</td>
<td>1</td>
<td>50 – 59</td>
<td>Marginal</td>
</tr>
<tr>
<td>F</td>
<td>0</td>
<td>0 – 49</td>
<td>Unsatisfactory</td>
</tr>
<tr>
<td>N</td>
<td>0</td>
<td>0 – 49</td>
<td>Did not complete course requirements</td>
</tr>
</tbody>
</table>

**Standing GPA**

- **Good**: $\geq 2$
- **Probation**: $1 \leq & < 2$
- **Failed**: $< 1$
<table>
<thead>
<tr>
<th>Course</th>
<th>Grade</th>
<th>Grade Point</th>
<th>Weight</th>
<th>Multiply: Grade Point * Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSc 106</td>
<td>A</td>
<td>8</td>
<td>1.5</td>
<td>12</td>
</tr>
<tr>
<td>CSc 110</td>
<td>A</td>
<td>8</td>
<td>1.5</td>
<td>12</td>
</tr>
<tr>
<td>Engl 135</td>
<td>B+</td>
<td>6</td>
<td>1.5</td>
<td>9</td>
</tr>
<tr>
<td>Math 100</td>
<td>B+</td>
<td>6</td>
<td>1.5</td>
<td>9</td>
</tr>
<tr>
<td>Math 122</td>
<td>B-</td>
<td>4</td>
<td>1.5</td>
<td>6</td>
</tr>
<tr>
<td>CSc 115</td>
<td>A</td>
<td>8</td>
<td>1.5</td>
<td>12</td>
</tr>
<tr>
<td>Math 101</td>
<td>A</td>
<td>8</td>
<td>1.5</td>
<td>12</td>
</tr>
<tr>
<td>Psyc 100</td>
<td>B+</td>
<td>6</td>
<td>1.5</td>
<td>9</td>
</tr>
</tbody>
</table>

Weight Sum

<table>
<thead>
<tr>
<th>Sum: Grade Point * Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>81</td>
</tr>
</tbody>
</table>

Weight Sum / Sum

<table>
<thead>
<tr>
<th>GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>81/12 = 6.75</td>
</tr>
</tbody>
</table>

GOOD!!
<table>
<thead>
<tr>
<th>Grade</th>
<th>Weight</th>
<th>Multiply: Grade Point * Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSc 111</td>
<td>C+</td>
<td>3</td>
</tr>
<tr>
<td>Math 100</td>
<td>C</td>
<td>2</td>
</tr>
<tr>
<td>Math 110</td>
<td>F</td>
<td>0</td>
</tr>
<tr>
<td>ENGR 110</td>
<td>C+</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 130</td>
<td>COM</td>
<td>-</td>
</tr>
<tr>
<td>Phys 110</td>
<td>C</td>
<td>2</td>
</tr>
<tr>
<td>Chem 150</td>
<td>B-</td>
<td>4</td>
</tr>
<tr>
<td>Math 101</td>
<td>D</td>
<td>1</td>
</tr>
<tr>
<td>ENGR 120</td>
<td>C</td>
<td>2</td>
</tr>
<tr>
<td>ENGR 141</td>
<td>F</td>
<td>0</td>
</tr>
<tr>
<td>Phys 120</td>
<td>D</td>
<td>1</td>
</tr>
</tbody>
</table>

Weight Sum: 17

Weight Sum / Sum = 32/17 = 1.88 GPA

ALEX

<table>
<thead>
<tr>
<th>Letter</th>
<th>Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>9</td>
</tr>
<tr>
<td>A</td>
<td>8</td>
</tr>
<tr>
<td>A-</td>
<td>7</td>
</tr>
<tr>
<td>B+</td>
<td>6</td>
</tr>
<tr>
<td>B</td>
<td>5</td>
</tr>
<tr>
<td>B-</td>
<td>4</td>
</tr>
<tr>
<td>C+</td>
<td>3</td>
</tr>
<tr>
<td>C</td>
<td>2</td>
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<tr>
<td>D</td>
<td>1</td>
</tr>
<tr>
<td>F</td>
<td>0</td>
</tr>
<tr>
<td>N</td>
<td>0</td>
</tr>
</tbody>
</table>

Probation 😞
Ten Ways to be Successful at University

10. Take advantage of the university’s resources.
9. Hand in assignments in requested formats, in requested places, or at requested times.
8. Read the textbook, posted notes, or other resources that the instructors select for their courses.
7. Do the requested problems for your classes.
6. Attend your classes.
5. Learn university policies.
4. Take notes in class.
3. Be respectful to your fellow students, university staff, teaching assistants and instructors.
2. Have fun or participate in extracurricular activities.
1. Schedule your time.
Time Management
Make It or Break It

A New and Different Life:
- New tasks: Laundry? Cooking?
- New social structure

Different Learning Expectations
- More materials covered over a shorter period of time
- Learn independently
- Become a professional

Not Easy to “Undo”
- Make a Weekly Study Schedule
- Plan for unexpected events
<table>
<thead>
<tr>
<th>S</th>
<th>M</th>
<th>T</th>
<th>W</th>
<th>T</th>
<th>F</th>
<th>S</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>Labour Day [UVic closed]</td>
<td>New Student Welcome Day</td>
<td>First term classes begin</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13</td>
<td>14</td>
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<td></td>
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<td></td>
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<td></td>
<td></td>
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<tr>
<td>15</td>
<td>16</td>
<td>17</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CSC 111 Assignment 1 due; CSC 111 Quiz 1 during this week</td>
<td>Last day for 100% reduction of tuition fees for first term courses</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
<td>28</td>
</tr>
<tr>
<td></td>
<td>CSC 111 Assignment 2 due; CSC 111 Quiz 2 during this week</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Last day for paying first term fees without penalty</td>
<td></td>
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</tr>
</tbody>
</table>

**Schedule independent study time before each Assignment, Lab, Quiz, Exam, ...**

**DEADLINES & TEST DATES ARE EXAMPLES ONLY**
<table>
<thead>
<tr>
<th>S</th>
<th>M</th>
<th>T</th>
<th>W</th>
<th>T</th>
<th>F</th>
<th>S</th>
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<td></td>
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<td></td>
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<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CSC 111 Assignment 3 due; CSC 111 Quiz 3 during this week</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CSC 111 Mid-term 1 in class; ENGR 130 A01 Skill Assessment due</td>
<td></td>
<td></td>
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<td>CSC 111 Mid-term 2 in class MATH 110 Matlab Project due</td>
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**DEADLINES & TEST DATES ARE EXAMPLES ONLY**

**MATH 110**: Weekly in-class quizzes
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**MATH 110:** Weekly in-class quizzes

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<td>31 New Year’s Eve [UVic closed]</td>
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Academic Integrity

• **Becoming and Acting as a Professional**
  o Act Professionally
  o Show Respect

• **Honor and Honesty**
  o University’s Academic Integrity Policy
“For a successful technology, reality must take precedence over public relations, for nature cannot be fooled.”

Prof. Richard Feynman, Challenger Report

Research Shows:

1st Year University is one the largest transitions that will happen in your life!!

- Self-management of Learning
- Moving: associated Life or Cultural Changes
- Workload is HIGH in this program!

Goals:
- Ensure YOU learn as much a possible in 1st year courses
- Ensure YOU become an Engineer
Giveaway time !!

- How much study time do you need to be successful at University?
- What is the purpose of professors’ office hours?
- What is plagiarism?
- Where are/is the Help Centre(s)?
Giveaway time !!

- Who is most likely to get the best grade?
  a) A person who is *naturally gifted* in the subject and doesn’t *get into* studying it.
  b) A person who does a lot of work to understand the course concepts (*definitely does not* consider himself or herself *gifted*).

- Where is your Advisor located?
Welcome to Engineering

Susan MacDougall, P.Eng.
University of Victoria
September 3, 2019
INTRODUCTION TO ENGINEERS AND GEOSCIENTISTS BC
WHO ARE WE?

We regulate the practice of engineering and geoscience.

We set and maintain high standards of practice for these professions.

We ensure applicants have met academic and experience requirements before they can practice.
MEMBERSHIP TIMELINE

STUDENT MEMBER
- Undergraduate or master’s student
- Has access to member resources, scholarships, team funding

EIT
- Has graduated an undergraduate engineering program
- Has been granted EIT status (it’s not automatic)

P.ENG.
- Has completed at least four years of work experience and other requirements
- Licensed to practice engineering in BC
PROFESSIONALISM AND CODE OF ETHICS
ENGINEERS AND GEOSCIENTISTS BC CODE OF ETHICS

MEMBERS SHALL…

1. Public interest
2. Know your limits
3. Don’t fake it
4. Conflict of interest
5. Respect your value
ENGINEERS AND GEOSCIENTISTS BC CODE OF ETHICS

MEMBERS SHALL…

6. Lifelong learning
7. Do unto others…
8. Stand your ground
9. Be brave
10. Spread the word
RESOURCES FOR STUDENTS
BECOME A STUDENT MEMBER

• Visit egbc.ca/Students to register
• University of Victoria students pay a $25/year fee
• $12.50 is credited back when you register as an EIT
• $12.50 funds scholarships for Student Members
STUDENT RESOURCES

STUDENT MEMBERS HAVE ACCESS TO:

Student Team Funding
Event discounts
Competency Experience Reporting System
SCHOLARSHIPS

STUDENT MEMBER SCHOLARSHIPS

• Must be an Engineers and Geoscientists BC Student Member
• For all undergraduate students in any field of engineering or geoscience
• Eight scholarships worth $1,500 each
• Applications due October 28
THANK YOU

Susan MacDougall, P.Eng.

CONTACT THE STUDENT PROGRAM COORDINATOR
STUDENTS@EGBC.CA
604.412.4860