Welcome to ECE!

Academic Orientation 2022
We wish to acknowledge this land on which the University of Toronto operates. For thousands of years it has been the traditional land of the Huron-Wendat, the Seneca, and most recently, the Mississaugas of the Credit. Today, this meeting place is still the home to many Indigenous people from across Turtle Island and we are grateful to have the opportunity to work on this land.
• We understand access to be a shared responsibility between everyone in this space.
• We will strive to create an accessible space that reduces the need for you to disclose a disability or impairment for the purposes of gaining an accommodation. In doing this together, we strive to welcome disability, and the changes it brings, into our space.

- Is there anything about the space that we should address now?
- Are there any other access needs that might affect your participation in the orientation that we could also address?

Please reach out to Jess MacInnis
Welcome from the ECE Chair and ECE Undergraduate Office

Deepa Kundur
Professor & Chair
• Professor Deepa Kundur

• ECE Chair
  – Professor who leads and manages the Department and reports to the Dean

• Triple Alumna
  – B.A.Sc., 9T3 (EE)
  – M.A.Sc., 9T5 (ECE)
  – Ph.D., 9T9 (ECE)
The **Strength** of **ECE** is in **Our People**
The Strength of ECE is in Our People
What is **Special** about **ECE** at **U of T**?

- Excellence
- Innovation
- Diversity
- Scale
What is **Special** about **ECE at U of T**?
Common Tips to Help You Succeed

- Read your UTORmail messages!
- Make backups of your computer!
- Manage your time!
- Work with people, but don’t copy!
- Focus on learning, don’t obsess about marks!
- Ask for help!
- Have a balanced life!
Prof. Deepa’s DOs and DON’Ts
**DOs**

Treat people with respect

- Refer to your professors as “Professor [LastName]”
- Be polite to staff members
- Respect people’s time, space and values
- Respect yourself
DOs

Focus on Competence NOT Confidence

• Competence can protect you from getting voted off the island, but confidence will not.
DOs

Value Your Mistakes

One of the best things ever said:

“Good judgement comes from experience and experience comes from bad judgement.”

- Learning happens through failure
- Overcoming obstacles leads to resilience
- Take risks
DOs

Manage Your Time

Procrastination → Wasted Time → Stress
DON’Ts

Don’t Take Things Personally

- What happens academically or professionally is often not personal

- Taking this personally leads to “drama” and stress

- Understand that what someone does is because of them, not you
DON’Ts

Don’t Give Up

• Don’t give up on yourself; if you give up, you will surely fail!

• Pick yourself up and try to see things differently

• Quick starts vs. Late bloomers – both good

“It ain’t over till it’s over.”

-- Yogi Berra
DON’Ts

Don’t Worry about Conflict

• Conflict is natural; conflict is healthy

• Avoid dysfunctional conflict/situations/people

• Choose your battles

• “politics”/”backstabbing” occurs when at least one party is fearful
DON’Ts

Don’t be Fearful

• 6 cancers (by Stephen R. Covey):
  – Cynicism
  – Criticism
  – Comparing
  – Competing
  – Complaining
  – Contending

• How do I overcome fear? COMMUNITY

“Fear is the path to the dark side. Fear leads to anger. Anger leads to hate. Hate leads to suffering.”

-- Yoda, Star Wars
Are you passionate about ECE, Engineering and U of T?

---

**BECOME AN ECE AMBASSADOR!**

- Share your enthusiasm with prospective students
- Gain professional experience and training
- Meet ECE professors, Chair and upper year students

Apply: uoft.me/ece-ambassadors
Become the engineering leader the future needs and build a better world.

Visit uoft.me/ileadstudents to sign up to our mailing list.
Join ILead courses, workshops and programs to learn about:

Leadership styles / Relationship building / Networking / Team building and global teams / Goal setting / Motivation / Persuasive communication / Personal values / Influence / Self-knowledge / Organizational culture / Organizational development / Difficult conversations / Strengths identification / Life path clarification / Professionalism / Equity / Coaching for Club Leaders

Visit uoft.me/ileadstudents
Our Events

MakeUofT

NewHacks
Connect With Us

See more on our website!

Recruiting First Year Associates!
About Me

Sam Chowdhury

- Third-year Class Representative
  - Solo Second-year Class Rep for 400 students last year

- Finance Director

- Interim Co-Chair
Mentorship

- A program to help you transition into university during your first year
- A mentor to ask questions and receive advice throughout the year
- Mentors are hand-picked to match with mentees
- Mentoring events to connect with your mentor throughout the year
- Sign up link at the end of this presentation!
Academics

- Academic Advocacy
  - Class Representative elections take place in late September!

- Course feedback and Anticalendar on https://courses.skule.ca
Events, Media and Organization

- Running destressing, networking and celebratory events
- Keeping you up to date and informed with relevant news and info
- Managing our facilities and resources
Follow us!

ECE Club links and social platforms: https://linktr.ee/ece__club/

My links and social platforms: https://samn.ca

See you around Skule :)

Haven’t registered yet? Don’t fret!

https://engineeringcareers.utoronto.ca/explorepeyco-op

Come explore the world of work with us!
Sample Opportunities By Discipline

Below are just a few of the industries and employers who hired students in each engineering discipline in 2021-2022, along with the average PEY Co-op salary for that discipline.

1. Note: You are not limited to opportunities that are only listed in the discipline you are in. Many students step into atypical work environments out of curiosity or personal fit.

<table>
<thead>
<tr>
<th>Discipline</th>
<th>+</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Engineering</td>
<td>+</td>
</tr>
<tr>
<td>Civil Engineering</td>
<td>+</td>
</tr>
<tr>
<td>Electrical and Computer Engineering</td>
<td>+</td>
</tr>
<tr>
<td>Engineering Science</td>
<td>+</td>
</tr>
<tr>
<td>Industrial Engineering</td>
<td>+</td>
</tr>
</tbody>
</table>
WELCOME TO
PEY CO-OP

Questions?
sd.ecc@utoronto.ca
Meet Your Professors

Professor Margaret Chapman  
Professor Xilin Liu  
Professor Mark Jeffrey  
Professor Shurui Zhou  
Professor Jon Eyolfson