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 River. 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 virtual 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 Laura Brown in the chat.
Welcome from the ECE Chair and ECE Undergraduate Office

Deepa Kundur
Professor & Chair
• Professor Deepa Kundur

• ECE Chair
  – Faculty member who 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

Professor Ravi Adve
Associate Chair - Undergraduate

Leanne Dawkins
Program Manager & Advisor

Karen Irving
Student Advisor

Lina McDonald
Undergraduate Program & Payroll Officer

Neena Peterson & Neda Demiri
Information Services Assistants
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?

ECOSYSTEM

Considered the best economy for young people

3rd largest design industry in North America

2nd largest financial services hub in North America

3rd largest ICT cluster in North America

3rd in the world “to live and work in tech”
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.
Value Your Mistakes

DOs

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
The Edward S. Rogers Sr. Department of Electrical & Computer Engineering,
UNIVERSITY OF TORONTO

ECE Undergraduate Office Team

**Professor Ravi Adve**
Associate Chair - Undergraduate

**Leanne Dawkins**
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TROOST ILEAD
Troost ILead is the Faculty's leadership institute. With ILead, you can tailor your leadership learning to suit your schedule, level of experience and personal goals.

THE ILEAD EXPERIENCE
You'll gain skills to strengthen:
- Self awareness and confidence
- Relationship building, networking and interpersonal skills
- Teamwork, collaboration and leading teams
- Understanding equity in engineering contexts

HOW TO FIND US
Sign up for our newsletter at uoft.me/ileadstudents
Follow us @ILeadUofT
HOW DO I GET INVOLVED WITH TROOST ILEAD?

**DROP-IN WORKSHOPS**
- Time commitment: 90 mins/session

**DEEP DIVE!**
- Time commitment: 8–25hrs/program

**SKULE OF FISH!**
- Time commitment: 8–25hrs/program

**PLUNGE!**
- Time commitment: 40+ hrs/course
Fall 2020

**Leadership Labs**
for all engineering students

**TROOST ILEAD**

**Join us**

**Conversations for Creating Connection**
September 14

**Chart Your Future for Campus Involvement**
September 22

**Engineering Peak Performance**
September 30

**Time and Stress Management**
October 5

Register at: uoft.me/leadershiplabs
Workshops, Talks, and Networking Events

- **Workshops**
  - Technical Interview Workshop
  - Electronics Certification Workshop
- **Technical Talks**
  - Quantum AI Talk
- **Networking Events**
  - A Tech Evening with Microsoft
MakeUofT

- Our Flagship MLH Makeathon
- 1100+ applicants
- 250+ hackers
- 50+ mentors, industry reps, judges, and volunteers
- Our largest event
NewHacks

- A beginner friendly 24-hour hackathon
- 1000+ applicants
- 170+ participants
- 50+ mentors, industry reps, judges, and volunteers
- No experience? No problem!
All our events are FREE to all participants for the second year running.
THANKS!

Any questions?
Contact us at
uoft@ieee.org
or check out our website at
ieee.utoronto.ca
ECE Club

The club that organizes ECE events, advocates on your behalf, and provides ECE resources

Wire you waiting?! Get Involved!

- Get ECE-specific advice from the ECE Club mentorship program
- Build comm. and leadership skills by running to be a 1st year class rep
- Gain vital insights at our introductory activity at 12:30pm-1:30pm today

Follow us on social media

ECE.Club.UofT ece_ _club r/eceuoft
Haven’t registered yet? Don’t fret!

uofit.me/explorepeyco-op/
A Sneak Peak

**PROGRAM GUIDELINES**

ALL PEY CO-OP STUDENTS
- Complete all required tasks at each stage of the program
- Be responsive and professional in all your communications with the employer, the ECO, and your classmates
- Take each challenge as a learning opportunity
- Engage in emotional reflection
- Be a full-time student before and after your work term

*International students: Use the Handbook as soon as you enter the 12-16 month recruitment cycle
**Contact us if you are taking a part-time course load for accessibility reasons

**STAGES & REQUIREMENTS**

**STAGE 1**
- Review the Handbook contents in order (1-3h)
- Explore Resources: chose 2-5 resources to engage with from the map of resources given in the Handbook (2-4h)
- Baseline Self-Reflection (1h)

**STAGE 2**
- Develop Professionally: engage with your personal career development plan
- Personal Branding & Performance, Workplace Dynamics & Rights & Responsibilities (1h)
- Optimal Recruitment cycle for 4 months of full-time work (summer before 3rd year) + 4 month work term

**STAGE 3**
- Engage in Recruitment: actively explore the recruitment cycle for the 12-16 month work term that will take place after third year
- Submission of Job Applications: Attend Job Interviews: Acceptance of a Suitable Job Offer

**STAGE 4**
- Experience your 12-16 month work term on a full-time basis
- Early, Mid Term & Final Self Evaluations
- Final Reflection Paper

**STAGE 5**
- Return to full-time academic studies after finishing your 12-16 month work term

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**Career Exploration**

In this section, you will have the opportunity to explore and learn more about the work term opportunities offered when participating in PEY Co-op.

**KEY TERMS**

For starters, below are some key terms that may help you when navigating through different career resources. Click on the flashcard to reveal its definition.

Typically the economy is broken up into several sectors, which help describe the general business activities of said economy.
The World of Work: Electrical and Computer Engineering

Industries

Employers

Average Salary

Questions? sd.ecc@utoronto.ca
Meet our New ECE Professors

Professor Margaret Chapman
Professor Mark Jeffrey
Professor John Simpson-Porco
Professor Shurui Zhou