PLANNING TO GRADUATE IN JUNE?

1. Ensure you have your practical experience hours BY THE DEADLINE!

➢ **PEY FINAL REPORT:** If you ***were registered*** with the PEY program, you will need to submit the final report (via Blackboard) upon your return from PEY for timely processing. Students who do not submit a final report will <u>NOT receive PEY credit</u> on their transcript. For details on what should be included on your final report please refer to the Engineering Career Centre website: http://engineeringcareers.utoronto.ca/

- Credit will appear on your transcript in January. If you have not received credit for PEY by the end of January, **you may not be allowed** to attend the Iron Ring Ceremony. It is your responsibility to ensure you follow-up with the PEY Office regarding obtaining PEY Credit on time.

OR

➢ **PRACTICAL EXPERIENCE REQUIREMENT (PER) FORM:** In order to claim your 600 hours of practical experience, you must complete a **PER form** and submit it to the Undergraduate Office in person (SFB600) or electronically (askece@ecf.utoronto.ca). YOUR SUPERVISOR'S BUSINESS CARD MUST BE INCLUDED.

DUE: This is due the first week of January of your graduating year. **PER FORM:** This form will identify you and will provide the name of your employer, your direct manager, hours worked and a detailed job description filled out by you: https://www.ece.utoronto.ca/undergraduates/programs/ug-600-hours/

NOTE: If you were registered with the PEY program and complete a PER form **INSTEAD OF** submitting a PEY Final Report, you can fulfill the practical experience hours. However, a mark of **NCR** (No Credit) will appear next to PEY on your official transcript.

PEY FINAL REPORTS OR PER FORMS HANDED IN LATE
MAY NOT BE PROCESSED IN TIME
FOR IRON RING OR CONVOCATION DEADLINES.

2. ENSURE that you are meeting all ECE program requirements.
See page below. This info can also be found in the 'Engineering Programs' section of the current Academic Calendar: http://undergrad.engineering.utoronto.ca/academics-registration/academic-calendar/

3. Ensure that you are meeting CEAB requirements.
Students must accumulate, during four years of study, a minimum number of academic units in the following categories: mathematics, natural science, engineering science, engineering design, complementary studies.

It is your responsibility to ensure that you meet all graduation requirements!

Remember to keep your main profile up to date on Magellan.
Updating your profile on a regular basis assists with verifying if you are on track to graduate.
Failure to meet the above requirements may result in you not being allowed
to participate in the Iron Ring Ceremony and possibly Graduation.

ECE Program Requirements

Academic Calendar: http://undergrad.engineering.utoronto.ca/academics-registration/academic-calendar/

1. ***Breadth Requirement:*** A minimum of four kernel courses, each in a different area (*6 areas below*), must be chosen.
   - Area 1 – Photonics & Semiconductor Physics
   - Area 2 – Electromagnetics & Energy Systems
   - Area 3 – Analog & Digital Electronics
   - Area 4 – Control, Communications & Signal Processing
   - Area 5 - Computer Hardware & Computer Networks
   - Area 6 – Software

2. ***Depth Requirement:*** Select two areas from which one kernel course has been chosen. In each of these two areas, two additional technical courses must be chosen. Kernel courses may also be chosen to meet this requirement.

3. ***Engineering Economics Requirements (ECE472H1):*** ECE472H1 must be chosen. Course can be taken in either third or fourth year.

4. ***Capstone Requirement (The Design Project: ECE496Y1 or APS490Y1 or BME498Y1):*** The Design Project, ECE496Y1, must be taken in fourth year. To be eligible to register for the capstone course, you must have at least 7 technical electives or 6 technical electives plus ECE472H1.

5. ***Math/Science Requirement:*** At least one course from the Math/Science area must be chosen.

6. ***Technical Elective Requirement:*** A minimum of three additional ECE technical courses must be chosen from any of the six areas of study. With approval from ECE, one of the technical electives can be taken from another department. Only 300, 400 and 500 level courses can be used as a technical elective.

7. ***Free Elective Requirement:*** One is required, and may be a technical or a non-technical course.

8. ***Complementary Studies Requirement:*** In each of terms 3F, 3S, 4F, and 4S, a complementary studies course must be taken. Of the four complementary studies courses, a minimum of two must be humanities and social science (HSS) courses chosen from an approved list on the Registrar's website: http://www.undergrad.engineering.utoronto.ca/Office_of_the_Registrar/Electives.htm

9. ***Practical Experience Requirement:*** Students are required to have completed a total of 600 hours of acceptable practical experience before graduation (normally during their summer vacation periods). Students registered within this program, may elect to enrol and participate in the Professional Experience Year (PEY) program.

CEAB Requirements

To satisfy CEAB requirements, students must accumulate, during four years of study, a **minimum number of academic units in the following categories**: mathematics, natural science, engineering science, engineering design, complementary studies.

This can be determined with the assistance of Magellan *(a software tool to help you plan and verify both your Electrical & Computer Engineering (ECE) program and the Canadian Engineering Accreditation Board (CEAB) requirements).* You will learn more about this in ECE201H1 as well as through notifications from the ECE UG Office.

3rd & 4th Year Course Requirements

Course Category				
Area **KERNEL** Courses *4 required from 4 different areas*	AREA KERNEL	AREA KERNEL	AREA KERNEL	AREA KERNEL
DEPTH courses *4 required (2 from 2 areas)*	**DEPTH**	**DEPTH**	**DEPTH**	**DEPTH**
Technical Electives (3) + **Science/Math** (1)	**TECHNICAL** Elective	**TECHNICAL** Elective	**TECHNICAL** Elective	**SCIENCE / MATH**
Complementary Studies Electives* **two must be HSS*	**CS** Complementary Studies Elective	**CS** Complementary Studies Elective	**HSS** Humanities & Social Science Elective	**HSS** Humanities & Social Science Elective
Other: • Capstone *(ECE496Y1 or APS490)* • ECE472H1 **Free Elective** (1)	**CAPSTONE DESIGN COURSE** *(ECE496Y1 or APS490Y1)*		**ECE472** Engineering Economic Analysis & Entrepreneurship	**FREE** Elective

Example of a 3rd and 4th Year Course Selection

3F	AREA KERNEL	AREA KERNEL	SCI/MATH	TECHNICAL Elective	**CS** Complementary Studies Elective
3S	AREA KERNEL	AREA KERNEL	DEPTH	ECE472 Engineering Economics	**CS** Complementary Studies Elective
4F	DEPTH	DEPTH	TECHNICAL Elective	CAPSTONE ECE496 or APS490 or BME498	HSS Humanities & Social Studies Elective
4S	FREE Elective	DEPTH	TECHNICAL Elective		HSS Humanities & Social Studies Elective