

**January 2020 ECE Undergraduate Newsletter: 3<sup>rd</sup> & 4<sup>th</sup> Year Students**

<b>IMPORTANT DATES/DEADLINES</b>	
Bookmark the Sessional Dates from the 2019–2020 <a href="#">Academic Calendar</a> for ALL dates & deadlines	
<b>Jan 6</b>	First day of classes – Welcome back!
<b>Jan 17</b>	Waitlists Dissolve for S-session courses
<b>Jan 19</b>	Last day to ADD or MODIFY S Courses (LEC/PRA/TUT) <i>*If you need to recover a course from first or second year, contact the undergraduate office before 4pm on Fri. Jan 17<sup>th</sup>.</i>
<b>Jan 23</b>	4th Year Design Project Information Session
<b>Feb 17</b>	Family Day (University Closed)
<b>Feb 17</b>	Last day to drop Y (full year) courses
<b>Feb 17-21</b>	Reading Week
<b>Feb 28</b>	Exam timetable posted (tentative)

**MAGELLAN PRE-REGISTRATION DEADLINE: January 28, 2020 at 11:59 e.s.t.**

Main profiles will then be locked until mid-July for preregistration planning. We will send an email with the exact date at the end of June.

Any changes made to main profiles once unlocked in July will **not** be included in any preregistration planning. Therefore, any revisions will not be uploaded to timetables. **Important preregistration and Magellan info has previously been made available via the links below:**

- [2019 Newsletter](#)
- [UG website](#)

**NOTE:** The courses you select for your upper years are not locked in forever. You will be able to log in to Magellan to set up other study plan profiles. You can make changes to your course selection when ACORN opens (*space permitting as any changes would not have been included in pre-registration numbers*). Remember to test out any possible changes on Magellan first to see if you still meet program and CEAB requirements.

**USEFUL LINKS:** [ECE Undergraduate Webpage](#) / [Engineering Academic Calendar](#) / Additional useful links are [here](#).

**ROOM CHANGES:** Please double check the room allocation for your classes as some of the rooms may have changed since September. Accurate info will be on your online **ACORN** timetable.

**LAB RULES & REGULATIONS:** Students should be very familiar with the [lab rules and regulations](#) so that they will not be surprised if their account gets locked. Please also refer to the email that is sent out at the beginning of term from the ECF office with regards to rules and regulations.

**DROP DEADLINE:** The last day to drop a course without academic penalty is March 15, 2020. The last day to apply for a late withdrawal without documentation (LWD) from electives for the Faculty of Arts and Science courses is April 9, 2020. Students can only late withdraw from elective courses, not core courses. **You cannot late withdraw from ECE472H1 as it is a core course.**

**PER FORMS DUE:** If you are planning to graduate in June 2020, please be sure to submit your PER forms and business card by Friday, January 31, 2020. Click [here](#) for the forms and more information!

**PROMOTIONAL REGULATIONS:** Students should be aware of the promotional regulations and should pay special attention to grades. See the [Academic Calendar](#). For a simplified version of the promotional regulations, visit the [ECE program page](#).

**COURSE CHANGES:** The changes below are for the 2019-2020 academic year. If you had planned on taking any of the cancelled courses, please ensure that you select an alternate course that will allow you to meet requirements to graduate. Remember to use Magellan first to test changes!

<b>COURSE</b>	<b>UPDATES</b>
<b>APS360</b> Artificial Intelligence Fundamentals	Added to area 6 as a TE – this change is retroactive to <b>20189</b>

<b>ECE244</b> Programming Fundamentals	Added prerequisite of APS105
<b>ECE297</b> Communication and Design	Added prerequisite of ECE244
<b>ECE368</b> Probabilistic Reasoning	Added to area 4 – retroactive to <b>20189</b>
<b>ECE410</b> Control Systems	Changed tutorials from 2 hours biweekly to 1 hour weekly
<b>ECE413</b> Energy Systems & Distributed Generation	Removed from curriculum
<b>ECE313</b> Energy Systems and Distributed Generation (formerly ECE413H1)	Recoded from ECE413 and made a kernel in Area 2
<b>ECE421</b> Introduction to Machine Learning	Added Probability/Stats courses from other departments as pre-requisite. ECE286, CHE223, MIE231, MIE236, MSE238
<b>ECE446</b> Sensory Communication	Removed tutorial hours
<b>ECE463</b> Electric Drives	Added co/pre-requisite of ECE311, ECE356, AER372
<b>ECE514</b> Power Electronics: Converter Topologies	Removed from curriculum, replaced by ECE520
<b>ECE533</b> Advanced Power Electronics	Removed from curriculum, replaced by ECE520
<b>ECE520F</b> Power Electronics	Power Electronics - added to curriculum, Area 2
<b>ECE526S</b> Power System Protection and Automation	Power System Protection and Automation - added to curriculum, Area 2
<b>ESC384</b> Partial Differential Equations	Replaces APM384
<b>ECE499H1</b> F/S or <b>ECE499Y1</b> Y Research Thesis	Free elective only

**LIST OF APPROVED CS/HSS ELECTIVES:** The list of approved complementary studies (CS) / Humanities & Social Science (HSS) electives is available on the Faculty Registrar's website. Please refer to it **prior** to selecting any A&S courses. Click [here](#) for the HSS approved list, and [here](#) for the CS approved list.

**SHORT CS AUs?:** The ECE website has a list of courses that has **more than the standard 30 AUs**. Click [here](#) for the listing (*scroll to the bottom of the page*).



**ATTENTION ALL 4TH YEAR STUDENTS:** If you have not yet done so, please come into the Undergraduate Office (SF B600) immediately to confirm that you are on track to graduate! The Undergraduate Office uses your Magellan profiles to verify your ability to graduate. **You must ensure that your main profile is up-to-date before seeking a graduation check.**

**IRON RING CEREMONY / CONVOCATION ELIGIBILITY:** To ensure placement in the March 2019 Iron Ring Ceremony and June 2020 Convocation, please **submit your 600 hours forms ASAP**. It typically takes 2 – 4 weeks to process hours. Forms submitted this late in the academic year **cannot be guaranteed** to be approved in time for Iron Ring deadlines. Students who do not hand in the 600 hours to the ECE UG office in time will not be eligible for the Iron Ring Ceremony and possibly graduation.

In order to be eligible for Iron Ring, you need to submit your PER hours by Thursday, January 31, 2020.

**Convocation Ceremony:** 600 hours must be in and approved by May 1<sup>st</sup> of graduating year for eligibility to participate in the June 2020 Convocation.

**TO ALL ECE STUDENTS GRADUATING IN 2020-2021:**

A key part of your final year will be your **capstone design project**. While it officially begins in September, the actual preparation begins much earlier, starting with the Design Project Information Session:

**DATE:** Thursday, January 23, 2020

**TIME:** 7:00pm



**PLACE:** MC102

This session covers the important steps to prepare for your design project:

- Understanding your capstone project course options: ECE496, APS490, and BME498
- Important deadlines from now until September
- Forming a team, finding, and registering for a project
- The 2020 ECE Design Fair (March 31 - April 3)
- Tips on how to get started early

Presentation slides will be posted for students who are out of town and away on PEY, but it is best to attend and start actively meeting potential team members.

**ECE Undergraduate Drop-In Hours:**

Mon – Fri from 8:45am – 4:30 pm

Sandford Fleming Bldg, Basement Rm 600

E-mail: [askece@ecf.utoronto.ca](mailto:askece@ecf.utoronto.ca) [Facebook - ECEUndergradUofT](#)

Please include your full name, year of study, and student number when e-mailing us.