

May 1, 2018

**Subject: Important Notes and Curriculum Changes in the 2018-2019 UG Calendar**

Dear Student,

Each May, all students enrolled in our **Electrical Engineering** program are sent a letter advising them of curriculum changes that have occurred since their entry into the program. As such, the present letter is to advise you of changes to your program that will appear in the 2018-2019 Undergraduate Calendar.

It is important to read this entire letter, as these changes may affect your selection of courses or potentially your graduation. Students must meet the requirements of their program according to the calendar of their graduating year.

This letter, as well as past ones, can be found on the following website:

<http://www.concordia.ca/encs/students/sas/undergrad-program-info/course-sequences/electrical.html>

Should you have any questions regarding this letter and any of the curriculum changes therein, please do not hesitate to contact your Undergraduate Program Assistant, Ms. Maria Fasciano:

- By email at [mariaf@encs.concordia.ca](mailto:mariaf@encs.concordia.ca);
- By phone at 514-848-2424 extension 3102; or
- In-person in room EV 5.144.

Please be reminded that you can always consult your program requirements and course descriptions by referring to the following website:

<http://www.concordia.ca/academics/undergraduate/calendar/current/sec71.html>

**Please read the following pages carefully.**

**VERY IMPORTANT:**

1. Students must have completed all 200-level courses required for their program before they can register for any 400-level course.
2. All 200-level courses within the program, taken after September 1, 2012 which are prerequisites for other courses, must be completed with a C- grade or better. A 200-level course in which a student obtained a D+ grade or lower must be repeated before attempting any course for which this 200-level course is a prerequisite.
3. Any courses that you are required to repeat due to conditional standing or readmission conditions must be completed with a grade of C- or better prior to graduation. This requirement will not be waived.
4. Students are required to graduate having met the substantial equivalent of the curriculum in force in the winter term prior to their degree conferral.
5. Students may now submit a request to write a supplemental exam, pending on meeting the requirements highlighted in section 71.10.3 of the 2018-2019 Calendar. Meeting the conditions does not guarantee the approval of the request.
6. In order to graduate, students must:
  - i. Satisfy all their program requirements;
  - ii. Be in acceptable standing in their last annual assessment; and
  - iii. Have a minimum final graduation GPA of 2.00.

The academic standings of potential graduates who have attempted less than 12 credits since their last assessment are determined on the basis that these credits constitute an extension of the last assessment period.

7. Graduation does not occur automatically and you must apply for graduation. The application form can be found at: <http://registrar.concordia.ca/convo/gradapp.html>.

The deadlines to apply for graduation are:

- January 15<sup>th</sup> for Spring Convocation; or
  - July 15<sup>th</sup> for Fall Convocation.
8. MATH 202 is no longer required for students in the Extended Credit (ECP) or Mature Entry (MEP) programs.

### 1. Changes to the Engineering Core

- No changes have been made to the Engineering core.

### 2. Electrical Engineering Core

- No changes have been made to the Electrical Engineering core.

### 3. Electrical Engineering Options

- I. Electronics/VLSI Option:
  - No changes have been made to the Electronics/VLSI Option Core.
  - Changes have been made to the Electronics/VLSI Option electives. The following course has been added to the Electronics/VLSI Option electives list:
    - **ELEC 413 Mixed-Signal VLSI for Communication Systems** – 4.00 credits.
- II. Telecommunications Option:
  - No changes have been made to the Telecommunications Option Core.
  - Changes have been made to the Telecommunications Option electives. The following courses have been added to the Telecommunications Option electives list:
    - **ELEC 413 Mixed-Signal VLSI for Communication Systems** – 4.00 credits
    - **ELEC 470 Broadcast Signal Transmission** – 3.00 credits
- III. Power and Renewable Energy Option:
  - No changes have been made to the Power and Renewable Energy option.
- IV. Avionics and Control Option:
  - No changes have been made to the Avionics and Control option.
- IV. For students not selecting an option - General Stream:
  - No changes have been made to the general stream.

As a transitional measure, students may still graduate with no option and not from the General Stream, provided that they graduate no later than November 2019. After November 2019, this transitional measure will be rescinded.

#### 4. Electrical Engineering Technical Electives

- Changes have been made to the Electrical Engineering technical electives courses. The following courses have been added:
  - **ELEC 413 Mixed-Signal VLSI for Communication Systems** – 4.00 credits
  - **ELEC 470 Broadcast Signal Transmission** – 3.00 credits
  - **ELEC 473 Autonomy for Mobile Robots** – 3.00 credits