

May 1, 2016

Subject: Important Notes and Curriculum Changes in the 2016-2017 Calendar

Dear Student,

Each May, all students enrolled in the Electrical Engineering program are mailed a letter advising them of curriculum changes that have occurred since their entry into the program. This letter and letters from previous years can be viewed at the following website:

<http://www.encs.concordia.ca/current-students/undergraduate-program-requirements/course-sequences/electrical-engineering/>

Students must meet the requirements of their program in the calendar for the year in which they graduate. This letter is to advise you of changes to your program that will appear in the 2016-2017 Calendar. These changes may affect your selection of courses. Should you have any questions regarding this issue, please do not hesitate to contact Student Academic Services at (514) 848-2424, extension 3055.

You can view the program requirements and course descriptions at the following website:
http://registrar.concordia.ca/calendar/pdf/calendar_pdf.html

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- or higher. A 200-level course in which a student has obtained a D+ or lower must be repeated before attempting a course for which it is a prerequisite.**
3. **Any courses that you are required to repeat (due to conditional standing or readmission) must be completed with a grade of C- or higher 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 degree conferral.**
5. **To graduate, students must (i) satisfy all 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.**
6. **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: Spring Convocation January 15th, and Fall Convocation July 15th**

1. Changes to the Engineering Core

There are no changes to the Engineering Core.

2. Electrical Engineering Core

- a) **ELEC264 and ELEC364** courses have been re-organized to ELEC242 and ELEC342 such that the new combination of ELEC242 and ELEC342 is equivalent to ELEC264 and ELEC364. Students may graduate either by fulfilling ELEC264/ELEC364 or ELEC242/ELEC342.
- b) If a student has taken ELEC264 and has not taken ELEC364 or ELEC342, he/she can register for ELEC342 up to the end of the winter term 2018. In this case, after passing ELEC342, the student will be fulfilling the requirements for ELEC242 and ELEC342. If a student has taken ELEC264 and has not taken ELEC364 or ELEC342 by the end of the winter term 2018, he/she has to take ELEC242 and ELEC342 to fulfill the requirements. In this case, ELEC264 will not be counted towards his/her degree.
- c) **ELEC 462 Introduction to Digital Communications** has been renamed ELEC 367 Introduction to Digital Communications and added to the Electrical Engineering Core
- d) **ELEC 363 Fundamentals of Telecommunications Systems** has been removed from the program. As a transitional measure students completing their degree requirements before May 2017 do not need to take ELEC 367 provided they have taken ELEC 363. Students who take ELEC 367 (or 462) in addition to ELEC 363 can count ELEC 367 (or 462) as a technical elective. Students who complete degree requirements after May 2017 must take ELEC 367 (or 462). If ELEC363 is taken as well, then ELEC363 will be counted as a technical elective, provided the student graduates before June 2021. If the student graduates after June 2021, ELEC363 will not be counted as a technical elective.

3. Electrical Engineering Options

I. Electronics/VLSI Option Core:

There are no changes to the option core.

Electronics/VLSI Option Electives:

There are no changes to the Electronics/VLSI Option Electives.

II. Telecommunications Option Core:

- a) **ELEC 462 Introduction to Digital Communications** has been renamed ELEC 367 Introduction to Digital Communications and removed from the option core and added to the Electrical Engineering Core

ELEC 464 Wireless Communications has been added to the Option core. As a transitional measure, a student completing degree requirements by May 2017 can complete the Telecommunications option without ELEC 464 provided he or she has completed ELEC363 and 367 (or 462)

Telecommunications Option Electives:

The minimum number of Option Elective credits has changed from 17.00 to 17.50.

III. Power and Renewable Energy Option Core:

There are no changes to the option core.

Power and Renewable Energy Option Electives:

There are no changes to the Power and Renewable Energy Option Electives list.

IV. Avionics and Control Option:

There are no changes to the option core.

V. For students NOT selecting an option:

- a) **ELEC 462 Introduction to Digital Communications** has been renamed ELEC 367 Introduction to Digital Communications and removed from the electives list and added to the Electrical Engineering Core