

May 1, 2014

STUDENT NAME  
ADDRESS

**Subject: Important Notes and Curriculum Changes in the 2014-2015 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 2014-2015 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](http://registrar.concordia.ca/calendar/pdf/calendar_pdf.html)

**VERY IMPORTANT: Students must have completed all 200-level courses required from their program before they can register for *any* 400-level course.**

**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.**

**Students are required to graduate having met the substantial equivalent of the curriculum in force in the Winter Term prior to degree conferral.**

**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 15<sup>th</sup>, Fall Convocation July 15<sup>th</sup>.**

**1. Changes to the Engineering Core**

There are no changes to the Engineering Core

## **2. Electrical Engineering Core**

The Electrical Engineering Core has changed from 60.00 to 59.50 credits

ELEC 370 Modelling and Analysis of Physical Systems: has been removed from the Electrical Engineering Core.

ENGR 290 Introductory Engineering Team Design Project: has been added to the core and is now a mandatory except for the exception explained below:

1. ELEC370 is no longer in the core and therefore is no longer required. However, as a transitional measure, if students passed ELEC370 they can use the credits toward their graduation if they graduate no later than June 2019. Furthermore, if students passed ELEC370 and graduate on or earlier than June 2019 they are not required to take ENGR290 if they take ELEC390 no later than January-April 2015.
2. The pre-requisite for ELEC390 is now ENGR290. However, as a transitional measure for the academic year 2014-2015 students will be allowed to register for ELEC390 with the old pre-requisites. They will also be allowed to register for ELEC390 with the new pre-requisites.

Students cannot use credits for both ENGR290 and ELEC370

## **3. Electrical Engineering Options**

### I. Electronics/VLSI Option Core:

There are no changes to the option core.

#### Electronics/VLSI Option Electives:

The minimum number of Option Elective credits has changed from 18.00 to 18.50.

### II. Telecommunications Option Core:

There are no changes to the option core.

#### Telecommunications Option Electives:

The minimum number of Option Elective credits has changed from 19.50 to 20.00.

### III. Power and Renewable Energy Option Core:

There are no changes to the option core.

IV. Power and Renewable Energy Option Electives

The minimum number of Option Elective credits has changed from 16.00 to 16.50.Avionics and Control Option Core:

ELEC 415 Flight Control Systems; has been renamed AERO 480 Flight Control Systems.

ELEC 416 Avionic Navigation Systems; has been renamed AERO 482 Avionic Navigation Systems.

ENGR 417 Standards, Regulations and Certification; has been renamed AERO 417 Standards, Regulations and Certification.

ENGR 418 Integration of Avionics Systems; has been renamed AERO 483 Integration of Avionics Systems

Avionics and Control Option Electives:

The minimum number of Option Elective credits has changed from 13.50 to 14.00.

- V. Students not selecting an option must complete minimum of 30 credits from the technical electives list

**4. Electrical Engineering Technical Electives**

ELEC 415 Flight Control Systems; has been renamed AERO 480 Flight Control Systems.

ELEC 416 Avionic Navigation Systems; has been renamed AERO 482 Avionic Navigation Systems.

ENGR 417 Standards, Regulations and Certification; has been renamed AERO 417 Standards, Regulations and Certification.

ENGR 418 Integration of Avionics Systems; has been renamed AERO 483 Integration of Avionics Systems

## **5 Power Institute**

Students accepted by the Institute for Electrical Power Engineering are expected to complete five courses as required by the Institute, and offered by participating universities, from among: ELEC 430, 431, 432, 433, 434, 435, 436, and 438. Some of these courses are offered in French. Students register for courses at their home universities. Students accepted by the Institute must complete a minimum of 120 credits in total.