

May 1, 2015

Subject: Important Notes and Curriculum Changes in the 2015-2016 Calendar

Dear Student,

Each May, all students enrolled in the **Computer Engineering** program are mailed a letter advising them of curriculum changes that have occurred since their entry into the program. This letter, including past ones, can also be viewed at the following website:

<http://www.encs.concordia.ca/current-students/undergraduate-program-requirements/course-sequences/computer-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 2015-2016 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: 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 15th, Fall Convocation July 15th.

1. Changes to the Engineering Core

There are no changes to the Engineering Core.

2. Changes to the Computer Engineering Core

- a) The Computer Engineering Core has **changed** from 63.50 to 67.00 credits.
- b) COEN 313 (3.50 credits) Digital System Design II was **added** to the Computer Engineering Core.
- c) COEN 316 Computer Architecture and Design **changed** from 3.00 to 3.50 credits. *Please note that students who have completed this course before May 2015 will receive 3.00 credits.*
- d) COEN 316 Computer Architecture and Design now has COEN 313 as a prerequisite. COEN 212 has been removed from its prerequisite list. *Please note that as a transitional measure, students can take COEN 316 before September 2016 with only COEN 212 instead of COEN 313 as a prerequisite.*
- e) COEN 317 Microprocessor Systems now has COEN 313 as a prerequisite. COEN 212 has been removed from its prerequisite list. *Please note that as a transitional measure, students can take COEN 317 before September 2016 with only COEN 212 instead of COEN 313 as a prerequisite.*
- f) ELEC 311 Electronics I has **changed** from 4.00 to 3.50 credits. *Please note that students who have completed this course before May 2015 will receive 4.00 credits for the course.*

3. Computer Engineering Options

I. Avionics and Embedded Systems Core.

- i. The Avionics and Embedded Systems Core has **changed** from 26.00 to 22.50.
- ii. The minimum number of Elective credits has **changed** from 9.50 to 6.00.

II. For student NOT selecting an option.

The minimum number of credits has changed from 26.00 to 22.50. Students are required to take a minimum of 22.50 credits that must be chosen from the Computer Engineering Electives list. No more than 16 credits may be chosen from topic area C – Computer Science and Software Engineering.

4. Computer Engineering Technical Electives

A. Hardware/Electronics/VLSI.

- a) COEN 313 Digital Systems Design II (3.50 credits) was **removed** from topics area A) Hardware/Electronics/VLSI and placed into the Computer Engineering Core.
- b) ELEC 312 Electronics II has **changed** from 4.00 to 3.50 credits.

B. Real-Time and Software Systems.

There are no changes to the Real-Time and Software Systems Electives list.

C. Computer Science and Software Engineering.

- a) SOEN 431 Formal Methods (3.00 credits) was **removed** from topic area C) Computer Science and Software Engineering. *As a transitional measure, student who took this course before May 2015 may use this course as a Technical Elective. This transitional measure may be rescinded June 2019.*

D. Telecommunication, Network and Signal Processing:

There are no changes to the Telecommunication, Network and Signal Processing Electives list.

E. Control Systems:

There are no changes to the Control Systems Electives list.

F. Avionics:

There are no changes to the Avionics Electives list.

G. Others:

There are no changes to the “Others” listing of Electives list.