

May 1, 2011

Subject: Important Notes and Curriculum Changes in the 2011-2012 Calendar

Dear Student,

Each May, all students enrolled in the **Software 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/software-engineering/>

This letter is to advise you of any additional changes that will appear in the 2011-2012 Calendar which 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.

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. Graduation Application deadlines:
Spring Convocation January 15th, Fall Convocation July 15th.
Additional information can be viewed at the following website:
<http://registrar.concordia.ca/convo/gradapp.html>.**

1. Changes to the Engineering Core

There are no changes in the Engineering Core for Software Engineering students

2. Changes to the Software Engineering Core

SOEN 331 Introduction to Formal Methods of Engineering has been added to the Software Engineering core. As a transitional measure student who will graduate by June 2012 will not be required to take SOEN 331.

3. Changes to the Basic Science Courses

There are no changes to the Basic Science Course

4. Software Engineering Options

Software Engineering students will now have to choose one of three options consisting of a minimum of 15 credits with the remaining Technical Elective credits to be taken from other options or the Electives list. As a transitional measure student who will graduate by June 2012 will not be required to select an option.

The Software Engineering Options are:

- I. **Computer Games Option** previously the Computer Games Subgroup
 - a. There are no changes to courses in this option
- II. **Web Services and Applications Option** previously the Web Services and Applications Subgroup
 - a. There are no changes to courses in this option
- III. **Real-Time, Embedded and Avionics Software Option** previously Real-Time and Embedded Software Subgroup
 - a. COMP 444 System Software Design has been added to the Real-Time, Embedded and Avionics Software Option
 - b. SOEN 422 Embedded Systems and Software has been added to the Real-Time, Embedded and Avionics Software Option
 - c. SOEN 423 Distributed Systems has been added to the Real-Time, Embedded and Avionics Software Option
 - d. MECH 480 Flight Control Systems has been added to the Real-Time, Embedded and Avionics Software Option
 - e. MECH 482 Avionic Navigation Systems has been added to the Real-Time, Embedded and Avionics Software Option

5. Technical Electives

- a. The total length of the program is 120 credits. Students must take sufficient technical electives in order to obtain this total number of Technical electives.
- b. There are no changes to the list of available Electives
- c.