

May 1, 2011

STUDENT NAME
ADDRESS

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

Dear Student,

Each May, all students enrolled in the **Civil 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/civil-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 Civil Engineering Program

The total length of the Building Engineering Program in the 2011-2012 Calendar is 119 credits.

2. Changes to the Engineering Core

There are no changes in the Engineering Core.

3. Changes to the Civil Engineering Core

BCEE 232 Programming for Building and Civil Engineers I has been deleted from the Building Engineering Core and will no longer be offered.

BCEE 342 Structural Analysis I credit value has been increased from 2.00 to 3.00 credits.

CIVI 212 Civil Engineering Drawing has been renamed CIVI 212 Civil Engineering Drawing and Introduction to Design.

CIVI 231 Geology credit value has been increased from 2.75 to 3.00 credits and has been renamed CIVI 231 Geology for Civil Engineers.

CIVI 372 Transportation Engineering will require BCEE 371 Surveying as a prerequisite as of May 2011.

CIVI 381 Hydraulics credit value has been decreased from 3.75 to 3.5 credits.

CIVI 390 Civil Engineering Design Project will require ENCS 282 in addition to CIVI 361; BCEE 344 previously or concurrently.

4. Civil Engineering Options

Option C - Information Technology has been deleted from the available options in Civil Engineering. Students completing BCEE 331, COEN 231 and/or COMP 352 prior to May 2011 may count one course as the course allowed outside their option. This transitional measure may be rescinded after June 2016.

Note: Students in Option A may choose one course marked* from Option B or C.
Students in Option B may choose one course marked* from Option A or C.

A new Option C has been added to the Civil Engineering program.

Option C - Construction Engineering and Management with the following electives:

BLDG 478* Project Management for Construction
BLDG 491 Labour and Industrial Relations in Construction
BLDG 492 Construction Processes
BLDG 493 Legal Issues in Construction
BCEE 464 Project Cost Estimating
BCEE 465 Construction Planning and Control
BCEE 466 Simulation and Design of Construction
CIVI 440 Computer Applications in Civil Engineering Practice
ENGR 411 Special Technical Report

Note: Students may choose one course marked with* from Option A or B.

5. Civil Technical Electives

BCEE 464 Project Cost Estimating has been added to the list of Electives in Option C.

BCEE 465 Construction Planning and Control has been added to the list of Electives in Option C.

BCEE 466 Simulation and Design of Construction Operations has been added to the list of Electives in Option C.

CIVI 435 Foundation Engineering credit value has been decreased from 3.5 to 3.00 credits.

CIVI 453 Design of Reinforced Concrete Structures will no longer require BCEE 343 Structural Analysis II as a prerequisite; it will now require BCEE 342 in addition to BCEE 345.

CIVI 454 Design of Steel Structures will no longer require BCEE 343 Structural Analysis II as a prerequisite; it will now require BCEE 342 in addition to BCEE 344.w

CIVI 471 Highway Pavement and Design credit value has been decreased from 3.5 to 3.00 credits.