

May 1, 2007

STUDENT NAME
ADDRESS

Subject: Curriculum Changes in the 2007-2008 Calendar

Dear Student,

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

http://www.ens.concordia.ca/scs/content/Sequences_INDU.htm.

This letter is to advise you of any additional changes that will appear in the 2007-2008 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.

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

1. Changes to the Engineering Core

- a) ELEC 275 Principles of Electrical Engineering had its credit value changed from 3.75 credits to 3.5 credits. Students who have completed this course prior to September 2007 will receive 3.75 credits. As of September 2007, students will receive 3.5 credits and will have to take sufficient number of technical electives in order to obtain the total number of credits for their programme.
- b) EMAT 213 Ordinary Differential Equations has been replaced with ENGR 213 Applied Ordinary Differential Equations. As a transitional measure, students who have completed EMAT 213 prior to September 2006 may use it as a substitute for ENGR 213. This transitional measure may be rescinded after June 2012.
- c) EMAT 233 Advanced Calculus has been replaced with ENGR 213 Applied Advanced Calculus. As a transitional measure, students who have completed EMAT 233 prior to September 2006 may use it as a substitute for ENGR 233. This transitional measure may be rescinded after June 2012.
- d) Complementary Studies. In previous years students were given two lists from which to choose their General Education elective. The first list contained a number of prefixes from which students could choose any 200 or 300 level course (with one of

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these prefixes) as their General Education elective, with a few exceptions which were noted. The second list contained a number of specific courses that could also be used. *These lists have been reorganized in the following manner:*

- Specifically, there are now three lists of courses: a Social Science list, a Humanities list and an Other Complementary Studies list. When choosing a General Education elective, which is part of the Engineering Core, students may choose any course on any of these three lists.
- For students who have been asked to fulfill a Social Science/Humanities requirement, they must choose only from the Social Science list or the Humanities list. They may not use courses from the Other Complementary Studies list.

Please see the accompanying calendar pages. As a transitional measure, if a student completed a course prior to September 2007 in conformity with the previous requirements, it may be used as a General Education elective. This transitional measure may be rescinded after June 2012.

2. Industrial Engineering Core

- a) ENGR 242 Statics (3 credits) and ENGR 243 Dynamics (3 credits) have been taken out of the Industrial Engineering Core and replaced with ENCS 245 Mechanics of Analysis. Here are the following transitional measures:
- If a student has already completed both ENGR 242 and ENGR 243 prior to September 2007 they will have satisfied the ENCS 245 requirement and will not have to take ENCS 245. All of the credits for ENGR 242 and ENGR 243 will count towards their degree.
 - If a student has already completed ENGR 242 prior to September 2007 they may do either ENGR 243 or ENCS 245 (but not both), in order to complete the ENCS 245 requirement. All of the credits for the two courses the student will have done will count towards their degree.
 - If a student has not completed ENGR 242 prior to September 2007, they must take ENCS 245 and must not take ENGR 242 or ENGR 243, as it will not count towards their degree.

This transitional measure may be rescinded after June 2012.

- b) ENGR 361 Fluid Mechanics I (3 credits) has been removed from the Industrial Engineering Core and moved to the Industrial Engineering Elective list.
- c) INDU 471 Stochastic Models in Industrial Engineering (3 credits) has had its course number changed to INDU 371.

- d) INDU 420 Production Engineering II (3 credits) has been added to the Industrial Engineering Core. As a transitional measure, students who graduate in June 2008 or earlier may graduate without this requirement.
- e) INDU 430 Operations Research II (3 credits) has been added to the Industrial Engineering Core. As a transitional measure, students who graduate in June 2008 or earlier may graduate without this requirement.
- f) MECH 211 Mechanical Engineering Drawing had its credit value changed from 3 credits to 3.5 credits. Students who have completed this course prior to September 2007 will receive 3 credits and will have to take sufficient number of technical electives in order to obtain the total number of credits for their programme. As of September 2007, students will receive 3.5 credits.

3. Industrial Engineering Technical Electives

- a) The total length of the programme in both the 2006-2007 and 2007-2008 Calendars is 120 credits. Students must take sufficient technical electives in order to obtain this total number of programme credits.
- b) ENGR 361 Fluid Mechanics I (3 credits) has been added to the Industrial Engineering Elective list.
- c) INDU 430 Advanced Operations Research (3 credits) has been renamed Operations Research II and moved to the Industrial Engineering Core (see above).
- d) INDU 463 Industrial Automation (3 credits) has been removed from the Industrial Engineering Elective list. As a transitional measure, students who have completed this course prior to September 2007 may use it toward their degree. This transitional measure may be rescinded after June 2012.