

May 1, 2018

Subject: Important Notes and Curriculum Changes in the 2018-2019 UG Calendar

Dear Student,

Each May, all students enrolled in our **Industrial Engineering** program are sent a letter advising them of curriculum changes that have occurred since their entry into the program. As such, the present letter is to advise you of changes to your program that will appear in the 2018-2019 Undergraduate Calendar.

It is important to read this entire letter, as these changes may affect your selection of courses or potentially your graduation. Students must meet the requirements of their program according to the calendar of their graduating year.

This letter, as well as past ones, can be found on the following website:

<http://www.concordia.ca/encs/students/sas/undergrad-program-info/course-sequences/industrial.html>

Should you have any questions regarding this letter and any of the curriculum changes therein, please do not hesitate to contact your Undergraduate Program Assistant, Ms. Sabrina Poirier:

- By email at mie-upa@encs.concordia.ca;
- By phone at 514-848-2424 extension 3133; or
- In-person in room EV 4.144.

Please be reminded that you can always consult your program requirements and course descriptions by referring to the following website:

<http://www.concordia.ca/academics/undergraduate/calendar/current/sec71.html>

Please read the following pages carefully.

VERY IMPORTANT:

1. Students must have completed all 200-level courses required for their program before they can register for any 400-level course.
2. All 200-level courses within the program, taken after September 1, 2012 which are prerequisites for other courses, must be completed with a C- grade or better. A 200-level course in which a student obtained a D+ grade or lower must be repeated before attempting any course for which this 200-level course is a prerequisite.
3. Any courses that you are required to repeat due to conditional standing or readmission conditions must be completed with a grade of C- or better prior to graduation. This requirement will not be waived.
4. Students are required to graduate having met the substantial equivalent of the curriculum in force in the winter term prior to their degree conferral.
5. Students may now submit a request to write a supplemental exam, pending on meeting the requirements highlighted in section 71.10.3 of the 2018-2019 Calendar. Meeting the conditions does not guarantee the approval of the request.
6. In order to graduate, students must:
 - i. Satisfy all their program requirements;
 - ii. Be in acceptable standing in their last annual assessment; and
 - iii. Have a minimum final graduation GPA of 2.00.

The academic standings of potential graduates who have attempted less than 12 credits since their last assessment are determined on the basis that these credits constitute an extension of the last assessment period.

7. Graduation does not occur automatically and 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:

- January 15th for Spring Convocation; or
 - July 15th for Fall Convocation.
8. MATH 202 is no longer required for students in the Extended Credit (ECP) or Mature Entry (MEP) programs.

1. Changes to the Engineering Core

- No changes have been made to the Engineering core.

2. Industrial Engineering Core

- Changes have been made to the Industrial Engineering core.
 - The credits for **MECH 313** Machine Drawing and Design has changed from 3.00 credits to 3.50 credits and a lab has been added to the course.
 - The Industrial Engineering core has changed from 75.25 credits to 75.75 credits.

3. Industrial Engineering Technical Electives

- Changes have been made to the Industrial Engineering Technical Electives.
 - **INDU 410** Safety Engineering has changed from 3.50 credits to 3.00 credits. The course no longer has a lab.
 - Students must now complete a minimum of 17.25 credits from the technical electives list instead of 17.75.

4. Upcoming Changes to the Industrial Engineering Program

- The following changes will appear in the 2019-2020 Undergraduate Calendar but will come into effect for students graduating as of June 2021:
 - The Industrial Engineering core will change from 75.75 credits to 78.75 credits.
 - Students will have to select one course from the following list of 3.00 credit Basic and Natural Science courses:
 - BIOL 206 Elementary Genetics
 - BIOL 261 Molecular and General Genetics
 - CHEM 217 Introductory Analytical Chemistry I
 - CHEM 221 Introductory Organic Chemistry I
 - GEOL 206 Earthquakes, Volcanoes, and Plate Tectonics
 - GEOL 208 The Earth, Moon and the Planets
 - PHYS 252 Optics
 - PHYS 260 Introductory Biophysics
 - PHYS 270 Introduction to Energy and Environment
 - PHYS 284 Introduction to Astronomy
 - PHYS 385 Astrophysics