

May 1, 2016

Subject: Important Notes and Curriculum Changes in the 2016-2017 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 website:

<http://www.encs.concordia.ca/current-students/undergraduate-program-requirements/course-sequences/industrial-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 2016-2017 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:

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- 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.**
3. **Any courses that you are required to repeat (due to conditional standing or readmission) must be completed with a grade of C- or higher 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 degree conferral.**
5. **To graduate, students must (i) satisfy all 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.**
6. **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, and Fall Convocation July 15th**

1. Changes to the Engineering Core

There are no changes to the Engineering Core.

2. Industrial Engineering Core

ENGR 244 Mechanics of Materials has been *deleted* from the Industrial Engineering Core. Students who have completed this course prior to May 2016 may use this course to *reduce* their total number of **Technical Electives**. This transitional measure may be rescinded after June 2020.

ENGR 244 Mechanics of Materials is no longer a prerequisite for *MECH 311 Manufacturing Processes*.

INDU 342 Logistics Network Models has been *added* to the Industrial Engineering Core. Students graduating in Spring 2017 and forward must take this course.

INDU 323 Operations Research I includes a lab component, increasing the total credits from 3.00 to 3.50.

INDU 324 Operations Research II includes a lab component, increasing the total credits from 3.00 to 3.50.

The changes above affects the total Industrial Engineering Core credits. As a result of this, the students who are currently in the program should make up any Industrial Engineering Core credit deficiency by taking additional technical elective credits. Here are the possible scenarios students may face as of May 1st 2016:

- I. If a student has not passed INDU 323 and INDU 324 yet, he/she will be taking the versions with labs. He/She will also be taking INDU 342 as part of Industrial Engineering Core. These courses will be part of the Industrial Engineering Core requirements. This situation means that the student will have **17.75** credits of technical electives to take.
- II. If the student has already passed INDU 323 but not INDU 324 yet, he/she will also be taking INDU 342 as part of Industrial Engineering Core. This means the student will be missing 0.5 credits from the Industrial Engineering Core. This situation means that the student will have **18.25** credits of technical electives to take.
- III. If the student has already passed both INDU 323 and INDU 324, he/she will also be taking INDU 342 as part of Industrial Engineering Core. This means that the student will be missing 1.0 credits from the Industrial Engineering Core. In order to fulfill the program requirements, the student will have to take **18.75** technical elective credits.

3. Industrial Engineering Technical Electives

Taking into account the changes discussed above, students are now required to complete a minimum of **17.75** credits from the list of Technical Electives.

MECH 352 Heat Transfer I is no longer part of the Industrial Engineering Program. Students who have completed this course prior to May 2016 may use this course to reduce their total number of Technical Electives. This transitional measure may be rescinded after June 2020.

MECH 361 Fluid Mechanics II is no longer part of the Industrial Engineering Program. Students who have completed this course prior to May 2016 may use this course to reduce their total number of Technical Electives. This transitional measure may be rescinded after June 2020.

INDU 480 Cases in Industrial Engineering (3.00 credits) has been added to the list of Technical Electives.

4. Previous changes from 2015-16 regarding Industrial Engineering Technical Electives

The transitional measure related to the change in Industrial Engineering Technical Electives from 2015-16 has been extended for one more year. Thus students who graduate by June 2017 do not have to satisfy the stipulation that they must take *at least three INDU courses and with no more than two of the courses marked ** from the list of Industrial Engineering Technical Electives as long as they satisfy the other requirements.