

April 2022

Subject: Important Notes and Curriculum Changes in the 2022-2023 UG Calendar

Dear Student,

Each academic year, all students enrolled in our **Mechanical 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 2022- 2023 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:

[Course sequences for Mechanical Engineering \(BEng\) \(concordia.ca\)](#)

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:

<https://www.concordia.ca/academics/undergraduate/calendar/current/section-71-gina-cody-school-of-engineering-and-computer-science/section-71-40-department-of-mechanical-industrial-and-aerospace-engineering/section-71-40-1-course-requirements-beng-in-mechanical-engineering-.html#12120>

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 2021-2022 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: <https://www.concordia.ca/students/your-sis/apply-to-graduate.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.

Changes to the Mechanical Engineering Program

1. Changes to the Engineering Core

No changes have been made to the Engineering Core.

2. Changes to the Mechanical Engineering Core

There are changes to the Mechanical Engineering Core:

- The prerequisite to MIAE380 has changed. The following course must be completed previously: MECH 211 or MIAE 211. The following course must be completed previously or concurrently: ENCS 282.
- The prerequisite to MECH390 has changed. The following courses must be completed previously: ENCS 282; MECH 311 or MIAE 311; MECH 343; MIAE 312, MIAE 380. The following course must be completed previously or concurrently: MECH 344.

3. Changes to the Mechanical Engineering Electives

There are changes to the Mechanical Engineering Technical Electives:

- MECH 451 Renewable Energy: Fundamentals and Applications (3.00 cr) has been added to the Mechanical Engineering Technical Electives under the Thermo-Fluids and Propulsion group.
- The prerequisite to INDU410 has changed. following course must be completed previously: MECH 311 or MIAE 311. The following course must be completed previously or concurrently: MIAE 312.
- The prerequisite to INDU411 has changed. The following course must be completed previously: MECH 311 or MIAE 311. The following course must be completed previously or concurrently: MIAE 312.
- The prerequisite to MECH414 has changed. The following courses must be completed previously: MECH 311 or MIAE 311; MECH 412. The following course must be completed previously or concurrently: MIAE 312.
- The prerequisite to MECH424 has changed. The following courses must be completed previously: MECH 311 or MIAE 311; MECH 343. The following course must be completed previously or concurrently: MIAE 312.
- The prerequisite to MECH425 has changed. The following course must be completed previously: MECH 311 or MIAE 311. The following course must be completed previously or concurrently: MIAE 312.