

May 1, 2018

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

Dear Student,

Each May, 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 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/mechanical.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](mailto: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 15<sup>th</sup> for Spring Convocation; or
  - July 15<sup>th</sup> 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. Mechanical Engineering Core

- Changes have been made to the Mechanical Engineering core.
  - The Mechanical Engineering core has changed from 73.25 credits to 77.75 credits.
  - **MECH 490** – Capstone Mechanical Engineering Design Project (4 credits) has been added to the Mechanical 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.

## 3. Mechanical Engineering Options

- Changes have been made to the Mechanical Engineering Options.
  - The Mechanical Engineering Options have been removed from the program.
  - **MECH 490A**, **MECH 490B** and **MECH 490C** has been replaced by **MECH 490** and moved to the Mechanical Engineering Core.
  - **AERO 417**, **AERO 464**, **AERO 483**, **ENGR 472** and **INDU 410** have been removed from the electives.
  - Students who have completed any of these courses prior to May 2018 can use these courses towards the technical electives. After May 2018, this transitional measure will be rescinded.

## 4. Mechanical Engineering Technical Electives

- **MECH 462** has been added to the list of technical electives
- **MECH 476** has been added to the list of technical electives
- Students in the Mechanical Engineering program must complete a minimum of 15.25 technical elective credits from the groups below. Groups are listed below to facilitate the selection of courses in a particular field.
  - A. Aerospace
  - B. Design and Manufacturing
  - C. Systems and Mechatronics
  - D. Thermo-Fluids and Propulsion
  - E. Vehicle Systems
  - F. Stress Analysis

- As a transitional measure, students graduating after May 2018, but no later than May 2020, will have the choice to register to an Option (as per the Undergraduate Calendar 2017-2018) or the new No-Option program. Students who have already selected their Option, but are not graduating in May 2018 as planned, can remain in their chosen Option, choose a different Option or switch to the new No-Option program. After May 2020, this transitional measure will be rescinded.