

March 2021

Subject: Important Notes and Curriculum Changes in the 2021-2022 UG Calendar

Dear Student,

Each academic year, all students enrolled in our **Aerospace 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 2021- 2022 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:

www.concordia.ca/MIAEUGRAD

Should you have any questions regarding this letter and any of the curriculum changes therein, please do not hesitate to contact your Program Assistant, Mr. Greg Hannah:

- By email at greg.hannah@concordia.ca;
- By phone at 514-848-2424 extension 5708; or
- In-person in room EV 4.111.

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 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: <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.

Changes to the Aerospace Engineering Program

1. Changes to the Engineering Core

No changes have been made to the Engineering Core.

2. Changes to the Aerospace Engineering Core

No changes have been made to the Aerospace Engineering Core.

3. Changes to the Aerospace Engineering Options Core

There are changes to the following Aerospace Engineering Option Cores:

Option B – Aerospace Structures & Materials

- The total number of credits of the Aerospace Option B Core has increased from 54.00 to 54.25 credits
 - MIAE 311 (3.75cr) has been split into two components: the lecture course MIAE311 (3cr) and a standalone lab MIAE312 (1cr).
 - MIAE 311, Manufacturing Processes, is now 3 credits
 - MIAE 312, Engineering Design and Manufacturing Processes Lab, of 1.00 credit has been added to the Mechanical Engineering Core.
 - Students who have completed MIAE 311 prior to Winter 2021 are not required to complete MIAE 312. Students who enroll in MIAE 311 in Summer 2021 or later must complete MIAE 312.

Option C – Avionics and Aerospace Systems

- The total number of credits of the Aerospace Option C Core has increased from 41.50 to 42.00 credits
 - COEN 243, Programming Methodology I, has increased from 3.00 credits to 3.50 credits.

4. Changes to the Aerospace Engineering Option Electives

There are changes to the following Aerospace Engineering Option Electives:

Option B – Aerospace Structures & Materials

- The * notation has been removed from Aerospace Option B elective courses. Students are required to take 1 Option B elective course.

- AERO 455, Computational Fluid Dynamics for Aerospace Applications, has been removed from the list of Aerospace Option B electives.

Option C – Avionics and Aerospace Systems

- COEN 445, Communication Networks and Protocols, has been changed to COEN 366, Communication Networks and Protocols.
- ELEC 442, Digital Signal Processing, has decreased from 3.50 credits to 3.00credits.