February 2025

Subject: Important Notes and Curriculum Changes in the 2025-2026 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 2025 – 2026 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 Aerospace 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 Program Assistant, Ms. Sabrina Poirier:

- By email at aero-pa@concordia.ca
- By phone at 514-848-2424 extension 3133; 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 undergraduate calendar, section 71.55.

Please read the following pages carefully.

VERY IMPORTANT:

It is important to check the undergraduate academic dates:
https://www.concordia.ca/students/undergraduate/undergraduate-academic-dates.html

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 2025-2026 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 Aerospace Engineering Program

1. Changes to the Engineering Core (27cr)

No changes have been made to the Engineering Core.

2. Changes to the Aerospace Engineering Core (38.25)

No changes have been made to the Aerospace Engineering Core.

3. Changes to the Aerospace Engineering Option Core for Options A, B and C

Option A – Aerodynamics and propulsion (50.25)

- No changes were made to the Option A – Aerodynamics and Propulsion core.

Option B – Aerospace Structures & Materials (54.75)

There are changes to the AERO Option B core:

- MIAE 311 is now a pre-requisite to MECH 412. MIAE 313 is no longer a prerequisite to MECH 412. MECH 412 now has the following Prerequisite/Corequisite: The following course must be completed previously: MIAE 311.

Option C – Avionics and Aerospace (46.5cr)

There are changes to the AERO Option C core:

- ELEC 273 now has the following prerequisite/corequisites: The following courses must be completed previously: PHYS 205; ENGR 213.

4. Changes to the Aerospace Engineering Option Electives

There are changes to the following Aerospace Engineering Option Electives:

Option A – Aerodynamics and Propulsion (4.5cr)

- MECH 451 (Renewable Energy: Fundamentals and Applications) is added to the list of Option A Elective courses.
- With permission of the Department, students may now take one technical elective outside of the Option A Elective courses list. Students must get approval from the Department before registering in the technical elective outside of the option list.

Option B – Aerospace Structures & Materials (0cr)

- There are no changes to Option B Electives.

Option C – Avionics and Aerospace (8.25cr)

- ENGR 412 Honours Research Project (3 cr) is added to the list of Option C Elective courses.
- With permission of the Department, students may now take one technical elective outside of the Option C Elective courses list. Students must get approval from the Department before registering in the technical elective outside of the option list.
- ELEC 251 now has the following prerequisite/corequisites: The following course must be completed previously: ELEC 273; ENGR 233.
- COEN 320 is now equivalent to 3.5 credits instead of the previous 3 credits, because a lab component is added to the course.