

May 1, 2014

STUDENT NAME  
ADDRESS

**Subject: Important Notes and Curriculum Changes in the 2014-2015 Calendar**

Dear Student,

Each May, all students enrolled in the **Mechanical 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/mechanical-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 2014-2015 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](http://registrar.concordia.ca/calendar/pdf/calendar_pdf.html)

**VERY IMPORTANT: Students must have completed all 200-level courses required from their program before they can register for *any* 400-level course.**

**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.**

**Students are required to graduate having met the substantial equivalent of the curriculum in force in the Winter Term prior to degree conferral.**

**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 15<sup>th</sup>, Fall Convocation July 15<sup>th</sup>.**

**1. Changes to the Engineering Core**

There are no changes to the Engineering Core

**2. Mechanical Engineering Core**

There are no changes to the Mechanical Engineering Core.

### **3. Mechanical Engineering Options Core**

i. **Option A Aerospace and Propulsion:**

- a. **MECH 464 Aerodynamics** has been renamed AERO 464 Aerodynamics.

ii. **Option B Design and Manufacturing:**

- a. There are no changes to the Design and Manufacturing Core.

iii. **Option C Systems and Mechatronics:**

- a. There are no changes to the Systems and Mechatronics Core.

### **4. Mechanical Engineering Option Electives**

i. **Option A Aerospace and Propulsion:**

- a. **ENGR 417 Standards, Regulations and Certification:** has been renamed AERO 417 Standards, Regulations and Certification
- b. **ENGR 418 Integration of Avionics Systems:** has been renamed AERO 483 Integration of Avionics Systems
- c. **MECH 431 Principals of Aeroelasticity:** has been renamed AERO 431 Principals of Aeroelasticity
- d. **MECH 462 Turbomachinery and Propulsion:** has been renamed AERO 462 Turbomachinery and Propulsion
- e. **MECH 465 Gas Turbine Design:** has been renamed AERO 465 Gas Turbine Design
- f. **MECH 480 Flight Control Systems:** has been renamed AERO 480 Flight Control Systems
- g. **MECH 481 Materials Engineering for Aerospace:** has been renamed AERO 481 Materials Engineering for Aerospace
- h. **MECH 482 Avionic Navigation Systems:** has been renamed AERO 482 Avionic Navigation Systems

- i. **MECH 485 Introduction to Space Systems:** has been renamed AERO 485  
Introduction to Space Systems
  - j. **MECH 486 Aircraft Stress Analysis:** has been renamed AERO 486  
Aircraft Stress Analysis
  
- ii. **Option B Design and Manufacturing:**
  - a. There are no changes to the Design and Manufacturing Electives.
  
- iii. **Option C Systems and Mechatronics:**
  - a. **MECH 480 Flight Control Systems:** has been renamed AERO 480 Flight  
Control Systems
  - b. **MECH 482 Avionic Navigation Systems:** has been renamed AERO 482  
Avionic Navigation Systems