

May 1, 2009

**Subject: Curriculum Changes in the 2009-2010 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 address for your **convenience**:

[http://www.encs.concordia.ca/scs/content/Sequences\\_MECH.htm](http://www.encs.concordia.ca/scs/content/Sequences_MECH.htm).

This letter is to advise you of any additional changes that will appear in the 2009-2010 Calendar which may affect your selection of courses. It will also be placed at the above mentioned sequence site for your convenience. 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.**

**1. Changes to the Engineering Core**

There are no changes to the Engineering Core

**2. Changes to the Mechanical Engineering Core**

a) **MECH 390** (3 credits) **Mechanical Engineering Design Project** has been **added** to the Mechanical Engineering Core. As a transitional measure, students who complete their program requirements by May 2010 may graduate without this requirement.

b) **MECH 490** ( 4 credits) **Capstone Mechanical Engineering Design Project** has been **moved** to the Mechanical Engineering Option electives list as a required course and is no longer in the Mechanical Core.

*Prepared by: Office of the Dean, Faculty of Engineering and Computer Science May 2009*

### **3. Changes to the Mechanical Engineering Technical Electives**

The total length of the program is **120 credits**. Students must take sufficient technical electives to obtain that total number of program credits.

#### **Option A – Thermo Fluid and Propulsion**

a) MECH 490A (4 credits) Capstone Mechanical Engineering Design Project-Option A has been added to Option A – Thermo Fluid and Propulsion.

b) Students must complete a minimum of 16.25 credits including MECH 490A and at least two other courses marked \*

#### **Option B – Design and Manufacturing.**

a) MECH 490B (4 credits) Capstone Mechanical Engineering Design Project-Option B has been added to Option B – Design and Manufacturing.

b) Students must complete a minimum of 16.25 credits including MECH 490B and MECH 412.

#### **Option C – Mechatronics and Controls**

a) MECH 490C (4 credits) Capstone Mechanical Engineering Design Project-Option C has been added to Option C – Mechatronics and Controls.

b) Students must complete a minimum of 16.25 credits including MECH 490C and at least two other courses marked \*

c) MECH 463 Fluid Power Control is no longer marked \*

#### **Option D – Aerospace and Vehicle Systems**

a) MECH 490D (4 credits) Capstone Mechanical Engineering Design Project-Option D has been added to Option D – Aerospace and Vehicle Systems.

b) Students must complete a minimum of 16.25 credits including MECH 490D and at least two other courses marked \*

### **Writing Skills Requirement:**

All students must meet the Writing Skills Requirement before completing 30 credits. Your student record will indicate if you have already met this requirement. In the past, this requirement was met by either passing the University Writing Test or by taking a sequence of English or French Courses. This is no longer the case.

Students in Engineering and Computer Science may now meet the Writing Skills Requirement by obtaining a grade of C- in ENCS 272 *Composition and Argumentation for Engineers*, or by writing and obtaining C- in a challenge exam (EWT) for this course. **Note that ENCS 272 will generally not be counted towards a student's engineering degree.**

For further information on ENCS 272 and its challenge exam, please visit:  
<http://www.encs.concordia.ca/scs/content/EDCT.htm>.