

**MCG1100 - Introduction to Mechanical Engineering
Course Outline**

This course is intended to introduce you to some basic concepts in mechanical engineering, in particular some practical aspects of mechanical design. It will also give you skills in sketching and computer-aided drafting (CAD) which you will need for the other design components of your program. The course is divided into two parts:

1. Computer-aided drafting and sketching - this is the Lecture and the 3 hr Laboratory part of your timetable. The instructors are:

- for section A: Dr A. Mazzawi
- for section B: Dr M. Yandouzi
- for section C: Dr A. Mazzawi
- for section D: Dr M. Yandouzi

2. Mechanical Dissection (two hour Laboratory in CBY C011 in your timetable) - a series of labs to introduce you to practical aspects of mechanical design. The instructors are:

- for section A: Dr W. Hallett
- for section B: Dr W. Hallett
- for section C: D. MacDonald
- for section D: A. Nastic

There is a separate course outline for each part, which give all other details of the course. The outline for the drafting part will be posted on Blackboard. The outline for the dissection part of the course is included in the dissection lab manual. Material for these two parts is separated into two folders on the course Blackboard site. Please go to those folders for all other course materials.

The coordinator of the course is Dr W. Hallett (hallett@uottawa.ca).

Marking scheme:

The final grade for this course will comprise separate components for the drafting and dissection parts of the course, as follows. Detailed marking schemes are given in the individual course outlines for these two parts.

Mark for dissection labs	30
Mark for drafting part of course	70
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Total for course	100

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Nota bene:

Students must attain a passing mark (50%) on both parts of the course (dissection labs and drafting). If your mark on one part of the course is less than 50%, your final grade will be a failing grade (E or F), regardless of what your numerical grades add up to.

The passing grade for a first year engineering course is D (D+ for second year and higher). If your final mark is E, you are entitled to a supplemental exam in July. The supplemental exam will include exams on both the dissection and drafting parts of the course, even if you got more than 50% on one of those parts. The supplemental exam mark then replaces the April final exam mark in calculation of the final grade.