

Mathematics 1230: Calculus II for Engineers (Revised)

Winter 2011-2012

PREREQUISITES: Math 1210

INSTRUCTOR: T. Miao **OFFICE:** RB 2013 **PHONE:** 346-7722

E-MAIL: tmiao@lakeheadu.ca

LECTURES: 3 hours per week

Monday, Wednesday and Friday 12:30 pm - 1:20 pm UC 0050

LAB: 1 hour per week

Friday 1:30 pm - 2:20 pm UC 2011

TEXT: **Calculus**

by Larson and Edwards (**Fifth Edition**)

COURSE OUTLINE: The topics to be covered are, tentatively, the following:

- (1) Sections 5.5, 5.7, 5.8 and 5.9.
- (2) All of Chapter 7, except 7.7.
- (3) All of Chapter 8.
- (4) All of Chapter 9.
- (5) Sections 14.1 and 14.2.

OFFICE HOURS: Monday and Wednesday 11:30 am - 12:30 pm

If these hours do not fit your schedule you are welcome to consult with me whenever you find me in my office. You may also make appointments through the Secretary of the Department of Mathematical Sciences in RB 2012; the phone number is 343-8469.

MARK DISTRIBUTION:

Your mark for the course will be calculated according to the following formula:

- (a) 10% from homework assignments.
- (b) 30% from the mid-term test and 60% from the final exam.

The final exam may cover both the first half and the second half of the course. The mid-term test will be on Wednesday, February 15, 2012. **Note this date is subject to change.**

RE-EVALUATION OF TEST:

If you want to have any of the questions in your mid-term test re-evaluated, it is important that you follow the following procedure:

- (a) **DO NOT MAKE ANY CHANGES TO YOUR TEST PAPER.**

If you do, then I am obliged to report this to the Dean, who shall then seek a severe penalty consistent with the offense, up to and including expulsion from the University.

(b) This instruction must be followed strictly. On a **SEPARATE** piece of paper note what is wrong with the way your test is marked. Attached it to your test paper and hand it to me. **DO NOT WRITE ANYTHING ON THE TEST PAPER.**

(c) No mark changes will be considered after seven days from the day the test is handed back.

Note that in any re-evaluation of your marks, while there is a potential for your mark to increase, there is also the possibility for your mark to decrease as well.

HOMEWORK ASSIGNMENTS:

Homework assignments are given as topics are covered in class. Some of the questions are required to be handed in for marking; others are there for you to practise. The assignments are to be deposited into the assignment box marked **Math 1230** on the second floor foyer of the Ryan Building. **No late assignments will be accepted.**