

Mathematics 1172: Calculus II
Course Outline (Winter 2012)

Prerequisite: Math 1171 or permission of the Chair of the Department.

Lectures: MWF, 01:30PM-02:30PM, UC0050

Lab/Tutorial Section: Friday, 02:30PM-03:30PM, SN1015.

Instructor: Fridolin Ting
RB2018, 343-8688, fting(at)lakeheadu(dot)ca

Office hours: WF 12:30PM - 1:30PM.

Course website: <http://flash.lakeheadu.ca/~fting/math1172.2012.html>

Please visit the course web site at least once a week for important announcements, assignment questions, exam information and recommended textbook problems.

Required Textbook: *Calculus: One and several variables*, Salas, Hille, and Etgen. 10th Edition. John Wiley and Sons Inc.

Grading Scheme:

Assignments	15%
Midterm	30%
Final Exam	55%

Assignments:

- There will be 10 weekly assignments.
- Assignments will be **given Monday afternoon at 1:30pm**, and are available on the course web page too.
- Assignments are **due the following Monday afternoon** in lecture/class, or in the Math 1172 assignment box on the second floor of the Ryan building (RB) before 2:30pm. In fairness to other students and our marker, **late assignments will not be accepted.**

Midterm Exam: Monday, March 5, 2012 in lecture.

Final Exam: Date: T.B.A.

Course Description: Applications of integrals; one-to-one functions and inverses; logarithmic, exponential, power and inverse trigonometric functions; techniques of integration; limits of sequences; indeterminate forms; improper integrals; infinite series; tests for convergence; Taylor series; power series. We'll cover chapters 6 to 8 and 11 to 12.

Tutorials/Labs: Tutorials/Labs will be spent answering questions and doing example problems.

Missed Midterm: If you miss the midterm test for a legitimate reason which you can document (e.g., Doctor's note, etc), your missed midterm mark will be relegated to the final exam component of your mark. For example, if you miss the midterm for a legitimate reason, you're final exam mark will be worth 85% of your overall mark. **The documented proof of absence (e.g., doctors note) should be submitted to me no later than 7 days after the midterm was written.**

Policy on re-evaluation of Midterms: If you want parts of your midterm re-evaluated, follow the following steps:

1. **Do not write ANYTHING on the midterm.** Random midterms will be photocopied before handing them back.
2. Return the midterm to me within 2 business days of receipt.
3. Inform me in person, by talking to me or writing an email or letter to me explaining the dispute you have with the grading.

Failure to adhere to any of these step will result in no regrade.