

MATH 1160–LONG CALCULUS II SYLLABUS

SPRING 2016

Instructor: Lin Jiu

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Course Description.

Textbook: Calculus Early Transcendentals (8th edition), by James Stewart.

Description: The second part of Calculus I introduces applications of derivatives, integrals and their applications, especially on practical problems.

Basic Organization.

Grades: Your grade will be based on the total sum of your scores on THREE midterms, class work and the final exam.

- Midterms: 10% Each, i.e. 30% Total
- Class Work: 35%. On Fridays, (except for holidays or midterms), you will be assigned at most five problems to finish in class. Everyone can find a partner and submit your solutions in pairs. You are allowed to check notes and discuss. Also, some hints might be given.
- Final Exam: 35%
- Final Grade: Your final grade will be

$$\text{Max}\{\text{Final Exam}, \text{Class Work} \times 35\% + \text{Midterms} \times 30\% + \text{Final Exam} \times 35\%\}$$

- *NO TEST OR CLASS WORK ASSIGNMENT WILL BE CURVED.*

Exams: Midterms will be given on Fridays. The tentative exam schedule is:

- Midterm Exam I: Wednesday, February 3rd
- Midterm Exam II: Friday, March 11th
- Midterm Exam III: Friday, April 22th
- Final Exam: Final exam has been scheduled at **May 2th, Monday, 8:00-12:00**, by the Office of Registrar. It will be a uniform final test for all sections. Please make your summer travel accordingly as well.
- All the exams will be of *multiple choice format*.

Homework Problems.: In the end of this syllabus, there is a table of homework problems for each section of the textbook. They will NOT be collected, but will be strongly recommended to work on.

Some Fine Print.

Grade-Scale.: Your semester grade will be determined according to the scale:

- 90-100: A-, A
- 80-89: B-, B, B+
- 70-79: C-, C, C+
- 60-69: D-, D, D+
- 0-59: F

Attendance: Attendance of all lectures is required.

Blackboard: This course will be maintained on blackboard. Assignments and other important documents will be posted there at

<http://mytulane.blackboard.com>.

Make-up Policy: There will be no make-ups for missed class work assignments or midterms. Two lowest class work assignments will be dropped. If the midterm exam is missed, arrangements will be made on a case-by-case basis provided that appropriate documentation (e.g. a doctor's note) is presented. In case the final exam is missed, you must obtain a written excuse from a Tulane Newcomb associate dean prior to or within 24 hours of the final exam.

Disability Accommodations: Any student requiring accommodations for a physical, psychological, or learning disability must obtain proper documentation through the Office of Disability Services (ODS) at the Educational Resources and Counseling Center (ERC). Additional information is available at

<http://erc.tulane.edu/>.

TABLE OF HOMEWORK PROBLEMS

Section	Problems
3.8	1-4,8,9,13,14,18,19
3.9	1,2,7-10,14,16,20,23,27,34,35
3.10	9,10,35,40
4.1	1-4,29,30,35-46,51-62
4.2	4,5,14-20,23-27
4.3	1-10,13,14,16,18,19,24,47-49
4.4	8-22,25,41-62,74
4.5*	7,10,18,21,28,30,34,39,48,68
4.7	11,16,20,23,32,33,35,38,42,53,54
4.8*	13,16,19,22,28,29,30,31-34
4.9	29-36,44-48,59-64
5.1	19-23,25,26
5.2	9-12,17-20,33,34,47-54,61,62
5.3	3-18,33-42,49-55,58
5.4	3,4,35-40,43,44,48
5.5	31-40,63-70,85,86
6.1	1-4,8-12,20,21,24-28
6.2	2,6,11,17,19-34