

MATH 1310—CONSOLIDATED CALCULUS SYLLABUS

FALL 2015

Instructor: Lin Jiu

Office: Gibson Hall 415-H
Office Hour: MTW11:00-12:00 or by appointment
Email Address: ljiu@tulane.edu
Lecture Room: Gibson Hall 126
Lecture Time: MWF 10:00-10:50

Teaching Assistant: Shanshan Jiang

Office: Stanley Thomas 401
Office Hour: T14:00-15:00
Email Address: sjiang@tulane.edu
Lab Room: Gibson Hall 126
Lab Time: T9:30-10:45

Course Description.

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

Description: This course will cover main subjects from both Calculus I and II, namely from chapter 1 to chapter 11.

Basic Organization.

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

- Midterms: 45%. Midterms will be counted in the following way. MidtermIII will participate 15% directly. For MidtermI and MidtermII, the maximum and average of both will participate 15% respectively. Namely,

$$\underbrace{\text{Max of MidtermI and MidtermII}}_{15\%} + \underbrace{\frac{(\text{MidtermI} + \text{MidtermII})}{2}}_{(\text{Average})15\%} + \underbrace{\text{MidtermIII}}_{15\%}$$

- Quizzes: 15%
- Final Exam: 40%

Exams: Midterms will be given on Tuesdays, during the lab. The tentative exam schedule is:

- Midterm Exam I: Tuesday, Sept. 15th
- Midterm Exam II: Tuesday, Oct. 13th
- Midterm Exam III: Tuesday, Nov. 24th
- Final Exam: Final exam has been scheduled at **Dec. 10th, Thursday, 8:00-12:00**, by the Office of Registration. Room will be announced later. It will be a uniform final test for all Consolidated Calculus sections. Please make your travel accordingly as well.

- **There are NO makeup exams.** If you miss an exam for a valid excuse (serious illness or family emergency) with adequate documentation, your remaining scores will be given additional weight in lieu of the missed exam. Missed exams without a valid excuse or without adequate documentation will receive a score of 0.

Homework.: A table of homework problems for each section of the textbook will be posted later. Homework will NOT be collected.

Quizzes.: Quizzes will be given at the end of the labs on Tuesday. Problems will be based on Homework problems with modifications. The lowest TWO quizzes will be dropped. **There are NO makeup quizzes either.**

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 quizzes or exams.

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/>.

Credit: Students who do not already have credit for Calculus 1210 through AP tests can obtain it in one of the following ways:

- (1) Get a B- or better on the first test, and complete the course with a grade of C- or better.
- (2) Get a B- or better in the course.

Table of Homework Problem

1.5	3, 13, 25
2.6	23, 26, 44
2.7	13, 16, 25
2.8	3, 14, 21, 23, 37
3.1	12, 15, 18, 22, 45, 53
3.2	12, 14, 23, 42
3.3	1, 3, 13, 21, 40
3.4	13, 25, 55a
3.5	2, 6, 53, 54
3.6	5, 10, 29, 43
3.7	2, 10, 21, 31
3.8	7, 13, 18
3.9	2, 13, 23, 35
3.10	3, 7, 11, 21, 42
4.1	4, 11, 31, 32, 37, 41, 47, 50, 52
4.2	3, 5, 11, 17, 26
4.3	12, 14, 18, 24, 29
4.5	1, 2, 3, 7, 9, 13, 14, 45, 49, 55
4.7	6, 11, 13, 18, 22, 27, 30
4.8	5, 7, 29, 31, 34
4.9	3, 6, 7, 41
5.1	1, 3, 11, 16
5.2	36, 40, 51, 56
5.3	5, 7, 8, 19, 20, 28, 39
5.4	1, 5, 11, 17, 29
5.5	1, 2, 3, 13, 19
6.2	1, 2, 3, 5, 31, 49
6.4	1, 3, 5, 8, 14, 29
7.1	3, 4, 5, 15, 61
7.2	1, 2, 3, 4
7.3	1, 2, 3, 4, 7, 9, 14, 17, 23, 25
7.4	1, 2, 3, 4, 7, 11, 13, 14
7.7	3, 4, 7, 10, 22
7.8	1, 7, 13, 20, 43, 51, 70
8.1	1, 2, 5, 20, 22
8.2	1, 4, 5, 14, 17, 29
9.1	1, 3, 4, 7, 9, 10
9.2	1, 3, 5, 19, 22, 24
9.3	1, 6, 11, 14, 18, 36, 39, 42
9.4	2, 3, 5, 10, 15, 19
9.5	1, 3, 7, 19, 23, 26, 34, 35
9.6	1, 3, 9
10.1	5, 7, 14, 19
10.2	3, 5, 7, 37
10.3	15, 17, 25
10.4	29, 32, 36
11.1	2, 16, 18, 20, 27, 29, 33
11.2	9, 10, 15, 21, 22, 30, 35, 58
11.3	1, 5, 6, 15, 20, 23, 25, 32
11.4	1, 2, 3, 4, 5, 9, 10, 24, 37, 46
11.5	3, 7, 11, 14

11.6	2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 18, 23, 29
11.7	1, 2, 3, 4, 6, 16, 20, 28, 30, 35, 38
11.8	3, 4, 6, 7, 8, 10, 12, 13, 16, 19, 21
11.9	3, 4, 6, 8, 10, 11, 13, 14, 18, 23
11.10	2, 4, 6, 11, 13, 18, 26, 27, 28, 39, 48, 49, 60
11.11	1, 2, 3, 7, 9, 13, 15, 18