

Math 20N: Fundamentals of Calculus II

TTh 2:30 — 3:45pm, Lafayette 210

Text: Calculus with Applications 9th Edition Lial, Greenwell & Ritchey

Topics: We will cover the following materials from the book (Chapters 7, 8, 9, 10, 11, 12):

- Integration (Ch. 7)
- Further techniques and applications of integration (Ch. 8)
- Functions of several variables (Ch. 9)
- Differential equations (Ch. 10)
- Probability and calculus (Ch. 11)
- Sequences and series (Ch. 12)

Calculator: You will need a TI-83, TI-83 Plus, or TI-83 Plus Silver Edition for this course. I will assume that you will have a calculator during tests and quizzes. There will be NO sharing of calculators during tests.

Instructor: Prof. Jianke Yang

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Office hours: TTh, 1:00 -- 2:00pm. Additional time by appointment.

Help sessions: to be announced

Homework: Assignments will be given in each class (almost). Turning-in of the homework is voluntary. If you turn in all the homework and do them correctly, you will get **5 bonus points** for the test/exam which covers those homework sections.

Class attendance points: for each class attended, you earn 0.5 points which will be added to your next test.

Exams: There will be three in-class tests (see back of the page for time), and a final (cumulative) exam. All the tests and the final exam are for this class only.

Final exam time and location: Tuesday, May 11, 3:30 - 6:30 PM (Lafayette L210)

Grading: 3 tests: 75% (25% each); final exam: 25%.

Make-up Tests: Make-up tests are given only if

1. a **compelling** reason is **documented** and presented, and
2. your request is made and approved by this instructor at least one day before the test takes place.

Important dates:

Add/drop deadline: Feb 1

Withdraw deadline: Apr 6

Last day of this class: May 4 (Tuesday)

Course Calendar for Math 020, Spring 2010

Tuesday	Thursday
01/19/10---Syllabus & 7.1	01/21/10---7.1 – 7.2
01/26/10---7.2 – 7.3	01/28/10---7.3 – 7.4
02/02/10---7.4 – 7.5	02/04/10---7.5-7.6
02/09/10--- Review	02/11/10--- TEST 1
02/16/10---8.1	02/18/10---8.2
02/23/10---8.4	02/25/10---9.1-9.2
03/02/10---9.2-9.3	03/04/10---9.4
03/09/10---NO CLASS	03/11/10---NO CLASS
03/16/10---9.6	03/18/10--- Review
03/23/10--- TEST 2	03/25/10---10.1
03/30/10---10.2	04/01/10---10.4
04/06/10---11.1	04/08/10---11.2
04/13/10---11.3	04/15/10--- Review
04/20/10--- TEST 3	04/22/10---12.1 – 12.2
04/27/10---12.2 – 12.3	04/29/10---12.3 – 12.4
05/04/10--- Review for Final Exam	

