MATH 1B: Calculus

Fall 2016, TuTh 11:00am-12:30pm, 2050 VALLEY LSB

Instructor: Xinyi Yuan
Office hours: 3:00pm-4:00pm Tuesday & 4:00pm-5:00pm Thursday, 999 Evans
Email: yxy@berkeley.edu
Note: The most efficient way, for both math questions and course policy, is to come to my office hours to talk in person.

Textbook

Single Variable Calculus (Math 1A, B at UC Berkeley), 8th Edition, by Stewart.

Prerequisites

Math 1A or equivalent materials.

Enrollments

For enrollment issues, please contact the math department undergraduate advisors:

- Thomas Brown, 965 Evans, brown@math.berkeley.edu, (510) 643-9292.
- Jennifer Sixt Pinney, 964 Evans, jensixt@math.berkeley.edu, (510) 643-4148.

Webwork, Quizzes, Exams

There will be weekly online webwork problems, and the solutions should be entered by you online. To access webwork, first log into bCourses. In the left-hand column on your bCourses page, find the link for webwork and click it. Currently, you will see assignment 0, which is for you to familiarize with webwork and will not be counted in the final grade.

There will be 3 quizzes, to be taken in your discussion section. They will be graded by your section instructor and returned to you in the discussion section.

There will be 2 midterm exams and 1 final exam. The midterms will be taken in two of the regular TuTh classes, graded by the section instructors and me, and returned to you in your discussion section.

Schedule and Grade Distribution

Type of Work	Date/Due Date	Location	Percentage
Webwork	Mondays	online bcourses	10%
Quiz	Sept 7, Oct 5, Nov 16	Discussion Section	15%
Midterm	Sept 20, Oct 25	2050 Valley	30%
Final	TBA	TBA	45%

Note: There will be no make-up midterm or final in any case. For every student, I will drop the lower one of the two midterm scores automatically. However, the final will be counted as 0 if it is missed. I will also drop the two lowest webwork scores, while the quiz policy is by your section instructors.

Syllabus

The following table describes materials in the textbook covered by the TuTh classes every week, and also indicates the schedule for the quizzes and the exams.

Weeks	Class Dates	Coverage	Quizzes, Exams
Week 1	Aug 25	7.1	
Week 2	Aug 30, Sept 1	7.2, 7.3	
Week 3	Sept 6, 8	7.4, 7.5, 7.7	Quiz 1 (Wed Sept 7, in discussion section, covers materials of Aug 25-Sept 6.)
Week 4	Sept 13, 15	7.8, 8.1	
	Sept 20		Midterm I (Tue Sept 20, 11:10am-12:20pm, 2050 Valley, covers materials of Aug 25-Sept 15.)
Week 5	Sept 22	8.2	
Week 6	Sept 27, 29	11.1, 11.2	
Week 7	Oct 4, 6	11.3, 11.4	Quiz 2 (Wed Oct 5, in discussion section, covers materials of Sept 22-Oct 4.)
Week 8	Oct 11, 13	11.5, 11.6	
Week 9	Oct 18, 20	11.7, 11.8, 11.9	
	Oct 25		Midterm II (Tue Oct 25, 11:10am-12:20pm, 2050 Valley, covers materials of Sept 22-Oct 20.)
Week 10	Oct 27	11.10	
Week 11	Nov 1, 3	11.10, 11.11	
Week 12	Nov 8, 10	9.3, 9.4	
Week 13	Nov 15, 17	9.5, 17.1	Quiz 3 (Wed Nov 16, in discussion section, covers materials of Oct 27-Nov 15.)
Week 14	Nov 22	17.2	
Week 15	Nov 29, Dec 1	17.3, 17.4	
			Final (covers materials of the whole semester.)

Note: Only the materials covered in the classes will appear in the quizzes and exams.

Office hours

My office hours are 3-4 Tue & 4-5 Thur, 999 Evans Hall. The following are the emails and office hours of the section instructors:

- Ravi Fernando (fernando@berkeley.edu), 1-2 Tue, 4-5 Fri, 1065 Evans
- Felix Gotti-Pena (felixgotti@berkeley.edu), 6-7 MW, 1020 Evans
- Archit Kulkarni (akulkarni@berkeley.edu), 10-11 TuTh, 1064 Evans
- Luhang Lai (lailh@berkeley.edu), 11-12 MW, 745 Evans

- Meredith Shea (mshea@berkeley.edu), 2-3 TuTh, 3-4 W, 844 Evans

A student is also welcome to attend office hours of section instructors who do not teach the student's discussion section.