

Calculus, Fall 2017- N. Reshetikhin

office: 917 Evans Hall
email: reshetik@math.berkeley.edu
Lectures: MWF 12:00-1:00, 155 Dwinelle
Office Hours: Friday 10-11:30am

Enrollment Questions

If you want to switch to another section, you have to do it yourself on TeleBears. *During the first week of classes you should register with your GSI, otherwise your place in the section will be cancelled.*

Grading Policy

The grade for the course will be computed according to the following proportions:

- 20% for 12 quizzes (held in discussion sessions on Mondays) based rather closely on the h/w problem sets.
- 25% for each of the two midterms (M1 on Sept 15, and M2 on Oct 20, during normal class hours in the lecture room 155 Dwinelle).
- 30% for the final exam (Dec 13, 3-6pm).

Sections vary by the number and by the quality of students. If some sections will have better average grades for quizzes this should not be surprising. Quizzes will have approximately the same difficulty level in all sections and the grading policy will be uniform.

Final

Do not take this course if you have a conflict in the final exam schedule (check the *exam group numbers* of your courses in the *Schedule of Classes, Fall 2017*). This course is in the exam group 11. The final exam date and time: Wednesday Dec 13, 3-6pm. The location of the exam will be known later.

Incompletes

Official University policy states that an incomplete can be given only for valid medical excuses with a doctor's certificate and only if, at the point the grade is given, the student has a passing grade (a C or better). If you are behind in the course, an incomplete is not an option!

Textbook

The official textbook is Single Variable Calculus: Early Transcendentals 7E for UC Berkeley by James Stewart. 8th edition, 2012, Cengage Learning Custom Publishing.

Alternative textbooks: Single Variable Calculus: Early Transcendentals 7E for UC Berkeley by James Stewart. 7th edition, Cengage Learning Custom Publishing. Or same thing, 6th edition.

The difference between these editions is minimal. Mostly it is in the enumeration of pages and in the price. If you choose an edition which differs from the official one, or any other textbook, make sure you have correct set of homework problems.

Problem sets for the entire semester will be posted on *bCourses*.

Homework Assignments

You are requested to do the assigned reading *before* each lecture. Note that mathematical texts are not meant to be read like novels: very often you will come across passages that must be read many times before they make sense to you.

Never fall behind in this course, either in the reading assignments or in the homework assignments.

Problem sets get rather heavy at times. This is intentional. Sometimes there is simply no substitute for repetitive drills.

Problem (and reading) assignments are subject to change.

It is normal when a student is trying to solve at home some extra, more complicated, problems from the textbook which were not assigned for homework.

It is very effective when you do a part of your homework together with your fellow students in a discussion group. I encourage this.

The Mathematics department is unable to hire graders for problem sets. However, problem sets will be assigned and collected on Mondays. Answer sheets will be available here online on Wednesdays.

The homework is assigned for 8th edition of Stewart.

When you will be working on practice problems for exams, I recommend to time yourself, allowing only 10 min per problem.