

Type	Section	Time	Instructor
Lecture	39444D	MWF 12:00-12:50pm PST	Zhaoyu Zhang
Discussion	39445D	TTh 2:00-2:50pm PST	Jinting Liu
Discussion	39446D	TTh 3:00-3:50pm PST	Jinting Liu

Disclaimer: This syllabus does not constitute a contract. The Instructor reserves the right to make changes at his discretion throughout the semester.

Contact Information:

- **Instructor:** Dr. Zhaoyu Zhang
Email: zzhang51@usc.edu
Office hours: Monday 1:00 - 2:00pm PST, and Wednesday 4:00 - 5:00pm PST, or by appointment.
- **TA:** Jinting Liu
Email: jintingl@usc.edu
Office hours: **TBA**

Course Description: Derivatives; extreme. The definite integral; the Fundamental Theorem of Calculus. Extrema and definite integrals for functions of several variables. Not available for credit toward a degree in mathematics. Prerequisites: Math 108 or Math 117.

Course Textbook: Hughes-Hallett, et al., **Applied Calculus, Sixth Edition**. Please note that we are using a custom **WileyPLUS** version that is not sold on Amazon, as Chapter 11 is added to the book for this USC course.

To register WileyPLUS, do not go to the WileyPLUS website. Instead, just go to the “WileyPLUS” tab in our Blackboard page (<http://blackboard.usc.edu>), and click on any of the WileyPLUS links. You will be prompted to register online-only access, which includes an online textbook. You do not need to buy a physical textbook.

Lectures and Discussions: All lectures and discussions will be offered live on Zoom. The Zoom meeting links are on Blackboard under “**Zoom Meetings**” tab. They will also be recorded and made available as soon as possible. Lecture notes will be posted under “Lecture Notes” tab.

Grading:

Homework:	15%
Reflections:	5%
Quizzes:	10%
Midterms:	20% × 2
Final Exam:	30%

Homework: The homework will be handled through WileyPLUS on Blackboard under the “Assignments” tab. These assignments will be available after each lecture, and they will typically be due the following **Tuesday by 11:00 pm, PST**. Late homework assignments will receive half-credit. Your scores will also

be recorded on Blackboard automatically. It is your responsibility to check Blackboard frequently, and to check that your scores are recorded correctly.

Reflections: Students will be required to submit their “reflections or thoughts” on topics learned to help to understand the main concepts, and mathematical formulas. The purpose of this coursework is to help students better digest course material, and improve their level of understanding. These can take forms of a survey of methodology, flowcharts, and remarks on homework problems etc. These reflections will be due every **Wednesday by 11:00 pm, PST on Gradescope.**

Quizzes: There will be a weekly 15-minute quiz during **Thursday’s** discussion sessions. There will be no quiz in the exam week. **No make-ups under no circumstances**, and the two lowest quiz-scores will be dropped at the end of the semester. At the end of each quiz, you will be given 3 minutes to neatly scan your work (pdf file), then upload and page-label your submission on **Gradescope**. **During each quiz, with no exceptions, everyone will be required to log onto Zoom with their camera ON filming their activity during the entire duration of the examination, including the submission part.**

Important Dates:

Sept. 18th, Friday. 12:00pm - 12:50pm, PST.	Midterm Exam 1
Oct. 2nd.	Drop without “W”
Oct. 16th, Friday. 12:00pm - 12:50pm, PST.	Midterm Exam 2
Nov. 6th.	Drop with “W”
Nov. 18th, Wednesday. 2:00pm - 4:00pm, PST.	Final Exam

Exam Policy:

- Exams are open-book, open-note. You may use calculators, but you are also expected to show all of your work for every question and give detailed explanations for your answers. You may not consult with any other human during the exam, either in person, via chat, or in internet forums. This would be considered a serious violation of the Student Conduct Code (<https://policy.usc.edu/scampus-part-b/>).
- During each examination, with no exceptions, everyone will be required to log onto Zoom with their camera ON filming their activity during the entire duration of the examination, including the submission part.
- If there is a scheduling conflict for an exam, you must **let ME know (NOT the TA) at least 2 weeks before the examination**. A scheduling conflict must involve an activity sponsored and approved by USC (marching band, athlete event, etc.). In particular, the university club or organization in question must send an official request, with the Dean’s approval, to all faculty. Personal activities do not qualify. **FAILURE TO ATTEND AN EXAMINATION WILL NOT BE EXCUSED UNDER NO CIRCUMSTANCES.**

Academic Integrity: Be honest, and don’t cheat. You must abide by the university policies on academic integrity. Please review them [here](#).

Students with Disabilities: Any student requesting academic accommodations based on a disability is required to register with Disability Services and Programs (DSP) each semester. A letter of verification for approved accommodations can be obtained from DSP. Please be the letter is delivered to the instructor as early in the semester as possible. DSP is located in STU 301 and is open 8:30a.m.-5:00p.m., Monday through Friday. The phone number for DSP is (213) 740-0776.