

Type	Section	Time	Location	Instructor
Lecture	39430	MWF 2:00-2:50pm	MHP B7B	Zhaoyu Zhang
Discussion	39431	TTh 12:00-12:50pm	CPA 161	Farhad De Sousa
Discussion	39432	TTh 1:00-1:50pm	GFS 221	Farhad De Sousa

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

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### Contact Information:

- **Instructor:** Zhaoyu Zhang  
Email: [zzhang51@usc.edu](mailto:zzhang51@usc.edu)  
Zoom office hours (tentative): Monday and Wednesday 3:00 - 4:00pm PST, or by appointment.
- **TA:** Farhad De Sousa  
Email: [fdesousa@usc.edu](mailto:fdesousa@usc.edu)  
Office hours: The TAs will be holding consulting hours in the Math Center (KAP 263) starting the second week of classes. The Math Center zoom sessions can be accessed by going to the Math Center website [dornsife.usc.edu/mathcenter](http://dornsife.usc.edu/mathcenter). The hours will be posted on the Math Center website starting the third week of classes.

**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**. 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:** Lectures and discussions in the first two weeks of instruction (January 10 - January 21) 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. In-person instruction starts on Monday, January 24. Lecture notes will be posted under “Lecture Notes” tab.

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### Grading:

Homework:	20%
Midterms:	25% × 2
Final Exam:	30%

Letter grades will be assigned based on standard 10-point intervals (A: 100-90%, B: 90-80%, etc.) with plusses and minuses given appropriately.

**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.

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### Important Dates:

<b>Jan. 10</b>	First day of classes
<b>Jan. 17</b>	Martin Luther King Day, university <b>holiday</b>
<b>Jan. 28</b>	Last day to drop a class without a mark of "W"
<b>Feb. 21</b>	Presidents' Day, university <b>holiday</b>
<b>Feb. 23</b>	<b>Midterm</b> exam 1
<b>March 13-20</b>	Spring recess
<b>March 30</b>	<b>Midterm</b> exam 2
<b>April 8</b>	Last day to drop a class with a mark of "W"
<b>May 11. 8:00am - 10:00am, PST</b>	Final Exam

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### Exam Policy:

- One **8.5 inch x 11 inch**, front and back, handwritten sheet is allowed during exams. We collect the cheat-sheets at the end of the examination.
- A **non-graphing calculator** is allowed.
- 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. You should familiarize yourself with the [Student Conduct Code](#) and particularly with the section on [Academic Integrity](#).

**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.

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**Calendar:** This calendar is tentative. We will cover the following sections of your textbook.

◀ December		January 2022					February ▶
Sun	Mon	Tue	Wed	Thu	Fri	Sat	
						1	
2	3	4	5	6	7	8	
9	10 1.1	11	12 1.2-1.3	13	14 1.4	15	
16	17 Martin Luther King's Birthday	18	19 1.5	20	21 1.6	22	
23	24 1.7	25	26 1.8	27	28 1.9	29	
30	31 2.1						

February 2022						
◀ January						March ▶
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2 2.2	3	4 2.3	5
6	7 2.4	8	9 2.5	10	11 3.1	12
13	14 3.2	15	16 3.3	17	18 3.4	19
20	21 President's Day	22	23 Midterm 1	24	25 4.1	26
27	28 4.2					

March 2022						
◀ February						April ▶
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2 4.3	3	4 4.4	5
6	7 4.5	8	9 4.6	10	11 5.1	12
13	14 Spring Recess	15 Spring Recess	16 Spring Recess	17 Spring Recess	18 Spring Recess	19
20	21 5.2	22	23 5.3	24	25 5.4	26
27	28 5.5	29	30 Midterm 2	31		

April 2022						
◀ March						May ▶
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1 5.6	2
3	4 6.1	5	6 6.2	7	8 6.3	9
10	11 6.4	12	13 6.5	14	15 6.6	16
17	18 8.1	19	20 8.2	21	22 8.3	23
24	25 8.4	26	27 8.5	28	29 8.6 Classes End	30

May 2022						
◀ April						June ▶
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11 8-10am Final Exam	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				