

## Syllabus Math 10A Winter 2020

**Instructor:** Joseph Ferrara

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**Office:** AP&M 6321

**Office Hours:** Tuesdays 3:00 - 4:00 pm, Thursdays 11:00 am - 12:00 pm, and by appointment.

**Lecture:** MWF 4:00 - 4:50 pm, Peterson Hall 110

**Course Webpage:** <http://www.math.ucsd.edu/~jferrara/10awint20/>

**Textbook:** *Calculus, Concepts and Contexts*, fourth edition by James Stewart. Published by Brooks/Cole, Cengage Learning 2010. We will cover sections 1.1-1.3, 1.5, 1.6, 2.1 - 2.8, 3.1 - 3.7, 4.2, 4.3, 4.5, and 4.6 of this book.

### Midterms

**Midterm 1:** Monday, January 27 in lecture

**Midterm 2:** Monday, February 24 in lecture

There will be no make up midterms. It is your responsibility to make it to the midterms. No books, calculators, or other written or electronic aids are allowed during the midterms. You must bring your student ID to the midterms.

**Final:** Friday, March 20, 3:00 - 5:59 pm. The location is to be determined. There will be no make up finals. If you do not come to the final, you fail the class. No books, calculators, or other written or electronic aids are allowed during the final. You must bring your student ID to the final.

### Homework:

- There are 8 written homework assignments. The homework assignments are to be turned in by the due date and time into the homework box of your TA. The homework boxes are located in the basement of the Applied Physics and Math building to your left when exiting the main elevator or stairs.
- The homework assignments will be graded by the grader. The grading will be as follows: 75% for full completion of the homework with a reasonable attempt to solve every problem. To determine the final 25%, two problems on each homework set will be chosen at random to be graded by the grader. These problems will be graded for completeness and correctness. Expect that at least one of these two problems will be one of the harder problems on the problem set.

- To get credit on the homeworks, you must justify your answers. If you have the correct answer but no work shown for how to get the answer you will receive no points.
- The homework assignments are posted on the course website.
- Each individual homework assignment is weighted equally for the final grade.

**Grade Breakdown:**

Homework 20%  
 Midterm 1 20%  
 Midterm 2 20%  
 Final 40%

Your final letter grade will be based on the following grading scale:

A+	A	A-	B+	B	B-
97-100	93-96.99	90-92.99	87 - 89.99	83-86.99	80-82.99
C+	C	C-	D	F	
77-79.99	73-76.99	70-72.99	60 - 69.99	below 60	

The above scale may be adjusted to be more lenient depending on the the overall performance of the class. You will not receive a letter grade based on your weighted percentage that is worse than the above table indicates.

**Discussion Sections and Teacher’s Assistants:** There are ten discussion sections for this course:

Number	Time	Location
B01	Th 5:00 - 5:50 pm	SEQUO 147
B02	Th 6:00 - 6:50 pm	SEQUO 147
B03	Th 7:00 - 7:50 pm	SEQUO 147
B04	Th 8:00 - 8:50 pm	SEQUO 147
B05	Th 8:00 - 8:50 am	WLH 2114
B06	Th 7:00 - 7:50 pm	MANDE B104
B07	Th 8:00 - 8:50 pm	MANDE B104
B08	Th 9:00 - 9:50 am	WLH 2114
B09	Th 7:00 - 7:50 pm	SOLIS 109
B10	Th 8:00 - 8:50 pm	SOLIS 109

You must be enrolled in a section.

The teacher’s assistants for the course, their emails, and sections are:

<b>TA</b>	<b>Email</b>	<b>Sections</b>
Zongze Liu	zol013@ucsd.edu	B01, B02, B03, B04
Srivaishnavi Sree Krishnan	ssreekri@ucsd.edu	B06, B07
Karim Shikh Khalil	kshikhkh@ucsd.edu	B05, B08
Xueyang Song	xus023@ucsd.edu	B09, B10

**Accommodations:** Students with special needs or disabilities please provide the instructor with an Authorization for Accommodation (AFA) letter issued by the Office for Students with Disabilities (OSD, <http://disabilities.ucsd.edu/>) as soon as possible.

**Academic Honesty:** Academic dishonesty is a considered a serious offense at UCSD and will not be tolerated. Students caught cheating will face an administrative sanction which may include suspension or expulsion from the university. See the UCSD Policy on Integrity of Scholarship (<http://senate.ucsd.edu/Operating-Procedures/Senate-Manual/Appendices/2>).

**General Notes:** On the exams (the midterms and final) you are responsible for knowing any material taught in lecture or written in the book in the sections covered. You are also responsible for knowing all the information taught in prerequisite math courses for this course.

Reading the book and doing practice problems is an important part of succeeding in a math course. It is recommended to read the sections covered in lecture before lecture. Even if you do not understand what you are reading, familiarizing yourself with the words and ideas makes digesting them in lecture easier.