

**Instructor:** Dr. Shobha Oruganti

**Email:** [orugantishobha@fhda.edu](mailto:orugantishobha@fhda.edu)

**Office hours:** 11:30 a.m. – 12:20 p.m. on Tuesday and Thursday or by appointment in **Room S43 (Math tutoring center)**

**Math 12.12 meets:** Mon, Tues, Wed, Thurs, Fri – 12:30 p.m – 1:20 p.m  
(5 days a week in **room MCC 12**)

**Course Text:** Calculus and its Applications 11th ed., by Bittinger, Ellenbogen, Surgent 2016 (Pearson)

**Prerequisite:** MATH 11 or MATH 41 with a C grade or better; **very good knowledge of algebra.**

**Canvas:** I will use Canvas (<https://deanza.instructure.com/>) to post notes, announcements etc. It will be the primary mode of communication with the whole class. **Configure your Canvas account to receive any announcements and updates by email.** If you have never used it before and are having difficulty, **come and talk to me during the first week** of classes.

**Required Material:**

1. Bring a scientific calculator to class. **No graphing calculators** will be allowed on the tests and quizzes. Cell phones may not be used.
2. Bring paper and pen to class

**Attendance:** **Attendance is mandatory.** Leaving the class before the end of the class period, coming late to class will count as absences. You are allowed three absences without excuse. If there are more than 3 absences (without a valid reason), I reserve the right to drop the student from the class. **Arrive early enough to find parking** so you can attend the class at 12:30 p.m. Students who don't attend any classes and don't drop the course will get an 'F' in the course.

**Drop dates:**

**Sunday, April 22:** Last day to **drop** a class with no record of grade.

**Friday, June 1:** Last day to **drop** with a "W."

See calendar for all deadlines: <https://www.deanza.edu/calendar/springdates.html>

**Increasing chances of success:**

- Regular attendance will help you keep up with the material.
- The quarter has 12 weeks. It goes by very quickly. It's important that a consistent effort is made from the beginning.
- Working out all the assigned homework/practice problems.
- Taking good notes. Reworking problems from class.
- Studying the textbook. The text is written for students. It will have more examples than I can work in one class period.
- 2 hours of study time at home every weekday and more on weekends.
- Getting help **early** (look below for some places you can get help from)
- Taking the weekly quizzes and homework seriously. This will again help you keep up.
- Avoid last minute preparation for tests/exams/quizzes. Preparing ahead of time helps your brain retain more.

## Grading:

▪ Quizzes	15%
▪ Homework	10%
▪ 3 Tests	45%
▪ Final Exam	30%
▪ Total	100%

**Your work will be graded for correctness, writing and presentation. Your solutions should be clear and presented neatly in a logical order. Do not expect me to hunt for your answers.**

- **Quizzes**

The quizzes are conducted at the end of the week. Studying for these quizzes will help you keep up with the material. The lowest quiz grade will be dropped.

You must take the quizzes at the scheduled day and time unless you have a valid excuse (example: ill health-doctor's note, school event-note from the teacher). If you know you are going to be absent with a valid excuse, contact me before the quiz. If you are unwell please send me an email. You are responsible for informing me.

- **Homework**

I will grade at least one problem from each homework assignment. If you are absent on the day of submission of the homework assignment, you may send your written work to me electronically on that day **and turn in the hardcopy the next class. I will not print out your homework to grade!** Late homework will not be accepted.

- **Tests**

There will be three tests before the final exam. You must take the tests on the scheduled day and time unless you have a valid excuse (example: ill health-doctor's note, school event-note from the teacher). You are responsible for informing me.

- **Final Exam**

The **comprehensive** final exam is compulsory and will take place on:

**Wednesday, June 27 at 11:30 a.m.-1:30 p.m**

You are required to bring government issued photo identification to the final exam.

**The final exam will not be rescheduled under any circumstance.**

**Missing the final exam will result in an 'F' grade for the course.**

## Grading Scale:

COURSE GRADE	PERCENTAGE RANGE
A	[92 ,100]
A-	[90 ,92)
B+	[88, 90)
B	[82, 88)
B-	[80, 82)
C+	[78, 80)
C	[70, 78)
D	[60, 70)
F	[0, 60)

**Academic Integrity:** Cheating will not be tolerated or allowed. Cheating includes (but is not limited to) copying during a test/quiz/exam, looking at another student's work while taking a test/quiz/exam, talking to another student

during a quiz/test/exam. Please don't use your cell phone during the quiz/test/exam without explicit permission from me.

Cheating in any form will result in disciplinary action and will be reported to the Dean of student affairs at De Anza College. This disciplinary action might include anything from receiving 0 points on the test/exam/quiz/homework to an F in the class. Please consult the school's policy on academic honesty.

**Class Conduct:** Please arrive on time for the class and stay the whole period. Please don't leave early without letting me know in advance. **Let us all be respectful of the students and the teacher so that we have a healthy learning environment.**

**Cell Phones:** Please turn off or place your cell phone on vibrate/silent mode during class hours. If you feel you urgently need to make or attend a call, please step out **for no more than a few minutes** to talk on your cell phone.

**Sources of Help:** I am always available for help. Don't hesitate to set up an appointment if you can't make it to my office hours. Tutorial help is available in the **Math, Science and Technology Resource Center (Room S43)** which is regularly staffed with De Anza Faculty members and well qualified instructional associates who are there to help you. I urge you all to use this wonderful facility. It's a good idea to start visiting these centers early in the quarter to maximize their benefits. Website <http://www.deanza.edu/studentsuccess/mstrc/>

**Students with Disabilities:** To obtain disability-related accommodations, students must contact [Disability Support Services \(DSS\)](#) as early as possible in the quarter.

**DSS Location:**

Registration & Student Services Bldg. (RSS)  
Room 141 ([Map](#))  
Phone: 408.864.8753

**Program Contact:** [Patricia Whelan](#)

**Web site:** [www.deanza.edu/dss](http://www.deanza.edu/dss)

If you already have an accommodation notification from DRC, please contact me privately to discuss your needs.

Good luck!

Week	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
1	Apr 9 1.1, 1.2, 1.3, 1.4	10	11	12	13
2	16 1.5, 1.6, 1.7	17	HW #1 18	19	Quiz 1, 20
3	23 1.8, 2.1, 2.2	24	25	Review 26	Test 1 (Chap 1) 27
4	30 2.2, 2.3, 2.5	May 1	HW #2 2	3	Quiz 2, 4
5	7 2.6, 2.7, 2.8, 3.1	8	HW #3 9	10	Quiz 3, 11
6	14 3.2, 3.5, 4.1	15	16	Review 17	Test 2 (Chap 2, 3) 18
7	21 4.2, 4.3, 4.4, 4.5	22	HW #4 23	24 3.1	Quiz 5, 25
8	<del>28 Holiday</del>	29 4.6, 5.1	HW #5 3	31	Jun Quiz 6, 1 (Last day to drop with "W")
9	4 5.2, 5.3, 5.4	5	HW #6 6	7	Quiz 7 8
10	11 5.4, 6.1, 6.2	12	13	Review 14	Test 3 (Chap 4, 5) 15
11	18 6.3	19	HW #7 Review 20	Review 21	Quiz 8, Review 22
12	25 No classes- Exam week	26	27 FINAL EXAM 11:30 a.m - 1:30 p.m	28	29

Homework will be posted on Canvas and an announcement will be sent.

**Student Learning Outcome(s):**

\*Use correct notation and mathematical precision in the evaluation and interpretation of derivatives and integrals.

\*Evaluate, solve, interpret and communicate business and social science applications using appropriate differentiation and integration methodologies.