

Instructor:	Lin Zhang Email: zhanglinlin@fhda.edu Canvas: https://deanza.instructure.com/
Text:	<i>Calculus and Its Applications</i> by Bittinger 11 th edition (a used copy is sufficient)
Equipment:	A scientific or Graphing Calculator is required
Class meeting	E31 MW 1:30 – 3:45 PM
Office Hours:	E31 MW 12:40 – 1:30PM or email me for appointments

1. Prerequisite:

- MATH 31, MATH 31H, MATH 31B, MATH 41 or MATH 41H
- *Advisory:* EWRT 211 and READ 211, or ESL 272 and 273

2. Course Description:

Introduction to limits, differentiation, and integration of single and multivariate functions, with applications in business, economics, and social sciences.

3. Student Learning Outcomes:

- 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.

4. Academic Integrity:

Copying another student's solutions, or using unauthorized materials (online search engine or solution manual) during tests are considered cheating. Violation of this policy will result in the student receiving ZERO credit for the entire assignment or test.

5. Drop Policy:

Attendance is integral to your success in this course. I expect you to attend all class meetings. **It is always YOUR RESPONSIBILITY to drop** the class if you feel like you can't continue for any reason.

6. Support Services

Students with disabilities needing reasonable accommodations should inform me in the beginning of the quarter. To begin the reasonable accommodations process, I will need to fill out a request form from the Disabilities Support Services (DSS). For more information, please visit the DSS office at SCSB 141, call (408) 864-8753 / (408) 864-8748 TTY, or go to www.deanza.edu/dss.

7. Tutoring

The Math, Science, and Technology Resource Center (**S43**) provides free online tutoring **Monday – Thursday 10AM – 5PM**. For more information, go to www.deanza.edu/studentuccess/mstrc

Tutoring Continue

You can also use “**NetTutor**” link on the navigation in Canvas or attend my office hour. Email me for appointments if you want to meet at alternative time.

8. Grade:

All grades will be posted on Canvas as soon as they become available. It is your responsibilities to check Canvas at least once a week to monitor your grades for the class.

In Class (drop 2)	20%	A: 90-100%
Homeworks (drop 1)	14%	B: 80-89%
3 Quizzes	9%	C: 70-79%
2 Exams	38%	D: 60–69%
<u>Final Exam</u>	<u>19%</u>	F: 0-59%
Total	100%	

In Class Participation

Each lesson has in-class practice near the end. You will complete the handout and turn them in. Keep in mind that your problems are very similar to the ones I do, but adapted with different numbers. In the events of absence, you will receive zero for the in-class. Two lowest scores will be dropped for overall grade calculation at the end of the term.

Homework:

Homework assignments are assigned from **textbook**, but you need to submit your answers to **MyOpenMath** (embedded in **Canvas**). In addition, make sure to write down your work on paper and submit the paper to me. You will only get up to 80% of the points if no work is submitted.

Late Work Policy

Each student are given **5 late passes (7-day extension each)** this quarter. After a homework assignment is due, you should see a “late pass” button in the description of the assignment. If an assignment is due on 1/12, using one late pass will extend the due date to 1/19. After using all your late passes, you can complete an assignment in “**Practice**” mode, and there is a 20% penalty when I record your grade later.

Quizzes:

Three Quizzes are proctored quizzes and will be given in the classroom on quiz days. Quiz problems are like homework problems and lecture examples. No makeup quizzes.

Exams:

TWO exams will be given with opportunities of test corrections. More details about test correction will be given during class time. You CAN’T drop any exam.

Final Exam:

A two-hour comprehensive final exam will be given. A student who misses the final exam and does not contact the instructor will receive a ZERO.

9. Class Calendar

Week	Month	Monday	Wednesday	Notes
1	January	8 Chapter R Functions & Graphs	10 Chapter R Chapter 1	
2	January	15 No School MLK Holiday	17 Chapter 1 Differentiation	Saturday 1/20 last day to add. Sunday 1/21 last day to drop with no record.
3	January	22 Chapter 1 Chapter 2	24 Quiz 1 Chapter 2 Applications of Differentiation	
4	January	29 Chapter 2	31 Chapter 3 Exponential & Log	
5	February	5 Chapter 3	7 Test 1 (Ch R, 1, 2)	
6	February	12 Chapter 3 Chapter 4	14 Chapter 4 Integration	
7	February	19 No School President's Holiday	21 Quiz 2 Chapter 4	
8	February	26 Chapter 4	28 Chapter 5 Application of Integration	Friday, 3/1: last day to drop with a "W".
9	March	4 Chapter 5	6 Test 2 (Ch 3, 4, 5A)	
10	March	11 Chapter 5	13 Chapter 6 Functions of Several Variables	
11	March	18 Chapter 6	20 Quiz 3 Chapter 6	
12	March	25 Final Exam 1:45 – 3:45 PM	27 No Class	

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

Office Hours:

M	12:30 PM	01:00 PM	In-Person	E31
W	12:30 PM	01:30 PM	In-Person	E31