

Instructor:	Linlin Zhang Email: zhanglinlin@fhda.edu Canvas: https://deanza.instructure.com/
Text:	Calculus Early Transcendentals, Stewart (9 th edition), WebAssign online HW (Embedded in Canvas) \$60 Multi-term Access you have purchased for previous terms for Math 1ABCD sequences
Equipment:	A scientific or graphing Calculator
Class meeting	MLC 270 MTWTh 10:00–12:15 PM
Office Hours:	MLC 270 TTh 9:30 – 10:00 AM or email me for appointments

1. Prerequisite:

Prerequisite: Mathematics 1C or equivalent (with a grade of C or better); or a satisfactory score on the College Level Math Placement Test within the last calendar year.

2. Student Learning Outcomes:

- Graphically and analytically synthesize and apply multivariable and vector-valued functions and their derivatives, using correct notation and mathematical precision.
- Use double, triple and line integrals in applications, including Green's Theorem, Stokes' Theorem and Divergence Theorem.
- Synthesize the key concepts of differential, integral and multivariate calculus.

3. Drop Policy:

This is a synchronous online class. Students must remain active by participating through Zoom meetings and/or online assignments. Students who is inactive for 3 or more lessons/assignments will risk of being dropped. BUT, it is always **your responsibility to drop the class** if you feel like you cannot continue.

4. Tutoring

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

5. Academic Integrity:

All tests are open notes, but your work must reflect what you know based on your own knowledge and thought. Referencing or copying another student's solutions, or searching answer online during tests are considered cheating. Violation of this policy will result in the student receiving ZERO credit for the entire assignment or test. Further action may be taken depending on the circumstance.

6. Support Services

Students with disabilities needing reasonable accommodations should inform me in the beginning of the quarter. For more information, please visit the DSS office www.deanza.edu/dsps/dss.

7. Important Dates:

- a. **Wednesday, July. 05:** last day to drop with no record online.
- b. **Monday, July. 10:** last day to add
- c. **Tuesday, August 01:** last day to drop with a “W”.

8. Class Calendar (See Canvas for more details)

- **Test 1 (12.6 and CH 14) Monday 7/17**
- **Test 2 (CH 15) Thursday 7/27**
- **Final Exam Thursday 8/10**

9. 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.

3 Quizzes	8%	A: 90-100% B: 80-89% C: 70-79% D: 60-69% F: 0-59%
28 Homeworks (drop 3)	23%	
Class Practice	15%	
2 Exams	36%	
<u>Final Exam</u>	<u>18%</u>	
Total	100%	

Quizzes

Quizzes will be given near the end of class on announced date. They are all open notes. Your notes could be on paper or on your tablet. Quizzes are scaled to **10 points** each and cannot be made up or dropped.

Homework:

The purpose of homework is to help you learn the material in the course. Homework assignments are available on **WebAssign**, but you need to access it through Canvas so your accounts can be linked together. See Canvas homepage for more information.

Each homework set will be scaled to **10 points** and the three **lowest ones** can be dropped. You can request for HW extension through WebAssign. Everyone gets total of 15 days extensions (from the original due date) without penalty. After that there is a 10% penalty on each extension day.

Exams:

Two mid-terms will be given. If you have to miss an exam under extreme circumstances, please notify the teacher in advance. You can't drop any tests. There will be test correction opportunities after the first three tests. I will explain it on a separate file or email.

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 an F in the course.

10. Class Calendar

Week	Date	
1	7/3 – 7/6 7/4 Tuesday no Class	12.6 14.1 – 14.4
	Monday 7/10	Quiz 1
2	7/10 – 7/13	14.5 – 14.8
	Monday 7/17	Test 1
3	7/17 – 7/20	15.1 – 15.5
	Thursday 7/20	Quiz 2
4	7/24 – 7/27	15.6 – 15.9
	Thursday 7/27	Test 2
5	7/31 – 8/3	16.1 – 16.5
	Thursday 8/3	Quiz 3
6	8/7 – 8/10	16.6 – 16.10
	Thursday 8/10	Final Exam

Student Learning Outcome(s):

- Apply analytic, graphical and numerical methods to study multivariable and vector-valued functions and their derivatives, using correct notation and mathematical precision.
- Use double, triple and line integrals in applications, including Green's Theorem, Stokes' Theorem and Divergence Theorem.
- Synthesize the key concepts of differential, integral and multivariate calculus.

Office Hours:

M,W	03:30 PM	04:20 PM	Zoom	
T,TH	09:30 AM	10:00 AM	In-Person	MLC270