Instructor	VINH THANH NGUYEN
E-mail	nguyenvinh2@fhda.edu
Class Location and Time	MLC260 – MW 6:30 pm – 08:45 pm
Office Hours	Tuesday and Thursday: 12:30 pm – 1:30 pm in S54 or S76c, F: 10:00 am – 11:00 am (zoom appointment only)
Questions?	Please email me and identify yourself and the course you are enrolled in if you have any questions, and I will respond to your email within 24 hours. Otherwise, please resend.
Textbook	Calculus-Early Transcendental, 9th edition, by James Stewart.
Course Description	Partial derivatives, multiple integrals, vector calculus and their applications.
Course SLO	1. Graphically and analytically synthesize and apply multivariable and vector-valued functions and their derivatives, using correct notation and mathematical precision. 2. Use double, triple and line integrals in applications, including Green's Theorem, Stokes' Theorem and Divergence Theorem. 3. Synthesize the key concepts of differential, integral and multivariate calculus.
Required Materials	The textbook, a graphing calculator, and a notebook.
Course Prerequisites	Mathematics 1C (with a grade of C or better) or equivalent. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.
Method of Instruction	In class lectures
Attendance:	This class is an in-person class. Students are expected to attend all classes on time. Students who are absent more than four times may be dropped from the class. However, it is the students' responsibility to drop by the appropriate deadline. Petitions to drop after the deadline will not be considered by the instructor.
Evaluation Process	Final Grade in this course will be determined as follows:

Homework	100 pts
Quizzes	75 pts
Tests	225 pts
Final Exam	100 pts

Grading scale:

[460,500]	"A"

[450,459]	"A-"
[440,449]	"B+"
[410,439]	"B"
[400,409]	"B-"
[390,399]	"C+"
[350,389]	"C"
[300,349]	"D"
Below 299	"F"

The top two scores in class that are above 490pts will receive A+.

Homework Homework is the key to success in this class. If you submit your homework late, you will lose your points. Plan for minimum of **TWO HOURS** to do homework for each class lesson. In the course schedule, I have included a list of suggested homework problems from each section. You are responsible for solving at least of the suggested problems. You are responsible for knowing how to solve ALL the problems. There is a direct correlation between your level of confidence with the homework problems and your success in this class.

Quizzes There will be in class or take-home quizzes. Quizzes will be given randomly at any part of the class period. **There are no make-up quizzes.** A missed quiz for any reason (including coming late or leaving early) will count as a zero.

Midterms **THREE midterm examinations** will be given on the midterm exam day (see the schedule below.) No makeup exams. If you miss a midterm due to what I consider an emergency and you provide appropriate documentations, I will replace that one grade with your final. If I don't consider your reasoning as an emergency, you will receive a zero for that midterm.

Final Exam One comprehensive examination will be given from 6:15 PM – 8:15 PM on Wednesday. (This is school scheduled final exam time. It cannot be changed by the instructor.) **Any students who miss the final will receive an F grade for the course.**

Withdrawal Policy	• The last day to drop class without a W is on Sunday January 19th, 2024. • The withdrawal deadline for the quarter is on Friday February 28th, 2025. If students withdraw before this date, they will receive a "W". After this date, an "F".
Academic Honesty and Discipline Policy	Students are expected to abide by the college code of conduct. All work turned in is to be the student's own. Students giving or receiving help on a test or quiz will forfeit all points for the assignment or may be withdrawn from the course with a grade of "F". For take home assignments, any student turning in a work, which is the same or similar of another student, will be required to schedule a conference to discuss the matter with mem and any evidence of cheating will result in no points for that assignment and will be reported for further action.
Disabled Services	Students who have been found to be eligible for accommodation by Disability Support Services (DSS), please follow up to ensure that your accommodation has been authorized for the current quarter. If you are not registered with DSS and need accommodations, please go to https://www.deanza.edu/dsps/dss/
Tips for Success	• "DO NOT PROCRASTINATE" • If you ever have any questions, email me! You are welcome to send an email whenever you need help! • Visit the Online Tutoring Center. • Get to know your classmates and study together. • Copy the notes from all lectures, participate in class, practice to do your homework. • Read the sections to be discussed in class prior to the lecture. • Again, seek help if you are feeling behind the class.

DATE	SECTION	PROBLEMS
Week 1	Syllabus	

01/06/25-01/10/25	14.1	1,3,11,20,25,31,32,35,46,50,63,65,67,69
	14.2	5,7,13,15,21,25,33,41,49,51
	14.3	13,17,25,31,37,41,53,57,73,74,77
Week 2	Quiz 1	Quiz 1 will be on Monday.
01/13/25-01/17/25	14.4	1,3,7,11,15,19,23,31,39,41,45
	14.5	1,3,5,9,13,17,25,29,31,42
	14.6	3,4,9,13,15,19,21,27,31,39,45,47,51,61
Week 3	Quiz 2	Quiz 2 will be on Wednesday
01/21/25 - 01/24/25	14.7	3,5,7,15,33,35,43,45,47,49
	14.8	3,5,7,13,17,19
	15.1	2,7,13,15,19,21,25,29,31,37,43,47,53
Week 4	Test 1	
01/27/25-01/31/25	15.2	3,5,9,11,13,17,19,21,25,27,31,33,61,63,71
	15.3	9,11,17,23,29,31,33,35,39,41,49
Week 5	Quiz 3	
02/03/25-02/08/25	15.4	5,7,9,13,17,29,30
	15.5	3,5,7,9,11
Week 6	Quiz 4	
02/10/25-02/13/25	15.6	3,5,9,13,17,21,23,25,31,33,37,39,43,47
	15.7	15,17,19,21,23,25,27,31
	15.8	17,19,21,23,25,27,29,31,37,43
Week 7	Test 2	
02/18/25 - 02/21/25	15.9	2,3,13,17,25,27
	16.1	3,7,11,13,19,25,27,29,33
Week 8	Quiz 5	
02/24/25-02/28/25	16.2	3,5,9,11,13,15,19,21,23
	16.3	3,5,7,9,11,13,15,17,19,21,23
Week 9	Quiz 6	
03/03/25-03/07/25	16.4	3,5,7,9,13,17,21,31
	16.5	3,5,7,15,17,21,23,25
Week 10	Test 3	

03/10/25-03/14/25	16.6	7,9,19,21,23,25,33,39,41,43,45
Week 11		
03/17/25-03/21/25	16.7	5,7,9,11,13,21,23,25,27,31
	16.8	3,5,7,11,13,17
	16.9	3,5,7,9,11,13
March 26th Wed	Final	6:15 pm – 8:15 pm

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:

Zoom,Canvas,Email,In-Person,By Appointment	S54 or S76c.	M,T,W,TH	12:55 PM	1:25 PM
By appointment	Zoom	F		