Instructor	VINH THANH NGUYEN
E-mail	nguyenvinh2@fhda.edu
Class Location and Time	MLC270 – MTWTh 10:00 pm – 12:15 pm
Office Hours	MTWTh 12:15pm – 1:00 pm on S76c. Email for an appointment.
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 it.
Textbook	Calculus-Early Transcendental, 9th edition, by James Stewart, published by Cengage. (e-text or pdf copy is okay.)
Course Description	Students in this course will learn about infinite series, lines, and planes in three dimensions, vectors in two and three dimensions, parametric equations of curves, derivatives, and integrals of vector functions.
Course SLO	1. Analyze infinite sequences and series from the perspective of convergence, using correction notation and mathematical precision. 2. Apply infinite sequences and series in approximating functions 3. Synthesize and apply vectors, polar coordinate system, and parametric representations in solving problems in analytic geometry, including motion in space.
Required Materials	The textbook, a graphing calculator, and a notebook.
Course Prerequisites	Mathematics 1B or Mathematics 1BH with a grade of C or better or equivalent. Advisory: ESL 272 and ESL 273, or ESL 472 and ESL 473, or eligibility for EWRT 1A or EWRT 1AH or ESL 5
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 out of 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	75 pts
Quizzes	100 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 an A+.

Homework Homework is the key to success in this class. If you submit your homework late, you will lose points. Plan for a 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 class or take-home quizzes. Each quiz is worth 20 points. **There are no makeup quizzes.** A missed quiz for any reason (including coming late or leaving early) will count as zero. The lowest quiz score will be dropped.

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 documentation, 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. Each exam is worth 100 points. You are only allowed to use calculators on the midterm day and 1 front page of notes.

Final Exam One comprehensive examination will be given from **10:00 AM –12:15 PM on Thursday, August 07th . Any students who miss the final exam will receive an F grade for the course.**

Withdrawal Policy The last day to add/drop is Sunday, July 6th.

Academic Honesty and Discipline Policy	Students are expected to abide by the college's 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 withdraw from the course with a grade of "F".** For 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, and practice doing your homework. • Read the sections to be discussed in class prior to the lecture. • Again, seek help if you are feeling behind the class.

Week 1	Syllabus: Welcome to Math 1C
	Section 10.1: 5,10,14,21,25,34
	Section 10.2: 9,11,15,20,23,25,35,37,57,71,75
	Section 10.3: 3,5,13,17,19,23,33,39,45
	Quiz 1
	Section 10.4: 3,5,11,15,17,21,23,29,37,45,53,63,69
	Section 11.1: 15,19,21,29,31,39,41,45,49,79,83
	Quiz 2
Week 2	Section 11.2: 7,17,21,24,27,33,37,41,53,59
	Section 11.3: 5,7,13,15,25,31,33,36,39
	Section 11.4: 13,15,17,19,23,25,27,29,31,33,35,37,39,41
	Section 11.5: 13,15,17,19,23,25,27,33,37,41,47
	Test 1 is on Thursday, July 10th
Week 3	Section 11.6: 11,13,15,17,19,23,25,27,33,37,39
	Section 11.7: 11,13,15,17,19,23,25,27,31,33,37,39,45,47
	Section 11.8: 11,13,15,17,19,23,25,27,31,33,37,41
	Quiz 3
	Section 11.9: 5,11,13,17,21,27,31,39a
	Section 11.10: 5,7,11,13,17,21,23,27,29,35,37,39,45,51,67,73
	Quiz 4
Week 4	Section 12.1: 7,9,11,13,17,19,21,23,27,29,35,37,39,45
	Section 12.2: 7,9,11,13,15,19,21,23,35
	Section 12.3: 7,9,15,19,21,23,29,33,35,39,49
	Section 12.4: 5,7,9,11,15,17,19,21,23,29,35,39
	Test 2 is on Thursday, July 24th
Week 5	Section 12.5: 2,7,9,11,15,17,19,21,23,25,29,35,39,41,45,51,69
	Section 12.6: 5,7,9,15,17,19,21,23,25,29,35,39,41,45
	Quiz 5
	Section 13.1: 3,5,7,9,13,15,17,21,23,31,33
	Test 3 is on Thursday, July 31st
Week 6	Section 13.2: 5,7,9,11,13,15,17,21,23,25,31,33,37,39,41
	Section 13.3: 5,7,13,15,19,21,23,25,27,29,31,33,53,66,68
	Quiz 6
	Section 13.4: 3,5,7,9,11,14,15,19,21,23,37,39,41
	Review
	Final Exam: 10:00 am – 12:15pm on Thursday August 7th

Student Learning Outcome(s):

- Analyze infinite sequences and series from the perspective of convergence, using correct notation and mathematical precision.
- Apply infinite sequences and series in approximating functions.
- Synthesize and apply vectors, polar coordinate system and parametric representations in solving problems in analytic geometry, including motion in space.

Office Hours:

S76c M,T,W,TH 12:15 PM - 1:00 PM