Instructor	VINH THANH NGUYEN
E-mail	nguyenvinh2@fhda.edu
Class Location and Time	MLC270 – MTWTh 3:00 pm – 5:15 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. (e-text or pdf copy is okay.)
Course Description	Fundamentals of differential calculus.
Course SLO	Analyze and synthesize the concepts of limits, continuity, and differentiation from a graphical, numerical, analytical, and verbal approach, using correct notation and mathematical precision. Evaluate the behavior of graphs in the context of limits, continuity, and differentiability. Recognize and decide on the appropriate method for solving applied real-world problems in related rates, optimization, and approximation.
Required Materials	The textbook, a calculator, and a notebook.
Course Prerequisites	Mathematics 32 or Mathematics 32H or Mathematics 43 or Mathematics 43H (with a grade of C or better); or appropriate score on Calculus Placement Test within the past calendar year. 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 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 **3:00 PM –5:15 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 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, 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 1A
	Section 2.1: 1,3,5,7
	Section 2.2: 5,7,9,11,15,19,23,29,39
	Section 2.3: 2,5,11,17,21,23,26,29,41,45
	Quiz 1
	Section 2.5: 5,9,19,21,23,25,27,33,37,43,55
	Section 2.6: 3,10,19,23, 25,27,29,35,47,49
	Quiz 2
Week 2	Section 2.7: 1,5,7,13,17,19,25,27,29,35,41
	Section 2.8: 1,3,5,7,21,23,27,31,41,43,49,51
	Section 3.1: 13,17,23,33,35,37,39,51,61,63
	Section 3.2: 7,11,15,23,25,39,41,43,45,47,51
	Test 1 is on Thursday, July 10th
Week 3	Section 3.3: 7,13,15,17,21,29,36,45,47,49
	Section 3.4: 11,15,17,21,23,27,35,39,43,37,51,59,
	Section 3.5: 7,11,15,23,25,27,33,35,39,43
	Quiz 3
	Section 3.6: 5,11,18,29,35,39,47,51,55,58
	Section 3.9: 13,15,17,19,21,23,25
	Quiz 4
Week 4	Section 3.10: 1,3,11,17,19,23,27,33
	Section 4.1: 19, 29,31,33,37,45,51,53,55,57,63,65
	Section 4.2: 5,9,11,13,15,17,21,23,25,29
	Section 4.3: 5,9,13,15,17,19,21,23,25,27,29,39
	Test 2 is on Thursday, July 24th
Week 5	Section 4.4: 11,13,17,21,27,31,41,45,49,51,55,61,65,67
	Section 4.5: 1,5,11,15,21,27,31,35,37,45,51
	Quiz 5
	Section 4.7: 3,5,7,11,13,15,19,23,25,29,33
	Test 3 is on Thursday, July 31st
Week 6	Section 4.8: 6,8,11,13,15,17,23
	Section 4.9: 11,17,21,31,37,45,51,53,55.67
	Quiz 6
	Section 10.1: 11,13,21,23,25
	Section 10.2: 1,3,5,7,9,11,15,17,19,21,23
	Final Exam: 3:00 – 5:00pm on Thursday August 7th

Student Learning Outcome(s):

• Analyze and synthesize the concepts of limits, continuity, and differentiation from a graphical, numerical, analytical and verbal approach, using correct notation and mathematical precision.
• Evaluate the behavior of graphs in the context of limits, continuity and differentiability.
• Recognize, diagnose, and decide on the appropriate method for solving applied real world problems in optimization, related rates and numerical approximation.

Office Hours:

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