

# Syllabus

## Math 1A – 13: CALCULUS I

### DE ANZA COLLEGE

- Instructor: Vinh Thanh Nguyen
- E-mail: [nguyenvinh2@fhda.edu](mailto:nguyenvinh2@fhda.edu)
- Office Hours: Friday starts at 10AM –11:45 AM (ideally) over Zoom or By Appointment
- Link: <https://fhda-edu.zoom.us/j/86120602288>
- Class Location and Time: **Mon Tue Wed Thu 3:00 PM – 05:15 PM at MLC270.**
- Meeting ID: **861 2060 2288; Passcode: 123456**
- Questions: Please email me and identify yourself and the course you are enrolled in. I will respond to your email within 1-2 business days. Otherwise, please resend it.
- Textbook: Calculus-Early Transcendental, 9<sup>th</sup> edition, by James Stewart, published by Cengage. (*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 graphing calculator, a notebook, a laptop, or desktop computer to successfully complete the course.
- Course pre-requisites:
  - 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.
- 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.
- Homework (*75 points*):
  - Homework is the key to success in this class. **No late Submissions.**
  - Plan to spend at least **TWO HOURS** on homework for each lesson.
  - Homework is due every **Sunday at 11:59PM** (*submitted online through Canvas*).

- Quizzes (100 points):
  - Quizzes may be given in class or as take-home assignments. Each quiz is worth **20 points**.
  - There are **no makeup quizzes**. A missed quiz, for any reason (including arriving late or leaving early), will receive a score of **zero**.
  - You are **only allowed to use calculators** on the quiz day.
  - Your final quiz grade will be based on your five highest quiz scores. **The lowest quiz score will be dropped**.
- Midterms (225 points):
  - There will be **three midterm examinations**.
  - There are **no makeup exams**. If you miss a midterm due to what I determine to be an emergency and you provide appropriate documentation, that exam grade will be replaced with your **final exam percentage**. If the absence is not considered an emergency, you will receive a **zero** for that exam.
  - Each midterm is worth **75 points**. On exam days, you are permitted to use **calculators and one single-sided page of notes (front side only)**.
- Final Exam (100 points):
  - One comprehensive examination will be given from **3:00 PM – 5:15 PM on Thursday, August 6<sup>th</sup>, 2026**.
  - **Any students who miss the final exam will receive an F grade for the course**.
  - You are allowed to use **calculators and one page of notes (front and back side)**.
- Withdrawal Policy: The last day to add/drop is **Sunday, July 5<sup>th</sup>, 2026**
- Academic Honesty and Discipline Policy: Students are expected to abide by the college's Code of Conduct. All work submitted must be the student's own.
  - Tests and Quizzes: Students who give or receive unauthorized help will forfeit all points for that assignment and may receive a grade of **"F"** in the course.
  - Take-home Assignments: Any student submitting work that is the same as or substantially like another student's work will be required to **schedule a conference** with me. Evidence of academic dishonesty will result in **zero points** for the assignment and will be reported for further action according to college policy.

- Evaluation Process:

Homework	75 points
Quizzes	100 points
Exam	225 points
Final Exam	100 points
Total	500 points

- 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”

- 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:
  - o Do Not Procrastinate.
  - o If you have any questions, email me!
  - o Visit the Online Tutoring Center
  - o Get to know your classmates and study together
  - o Copy the notes from all lectures, participate in class, and practice doing your homework.
  - o Read the sections to be discussed in class prior to the lecture.

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 10 <sup>th</sup>
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 24 <sup>th</sup>
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 31 <sup>st</sup>
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 – 5:15 pm on Thursday August 6 <sup>th</sup>

**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:**

Zoom,Canvas F      10:00 AM - 11:45 AM