

# Syllabus

## Math 1C – 17: CALCULUS III

### 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 05:30 PM – 07:45 PM at MLC109.**
- 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: 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: Analyze infinite sequences and series from the perspective of convergence, using correction 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.
- Required Materials: The textbook, a graphing calculator, a notebook, a laptop, or desktop computer to successfully complete the course.
- Course pre-requisites:
  - 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.
- 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 **05:30 PM – 07:45 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.
  - Test 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:
  - **“DO NOT PROCRASTINATE.”**
  - **If** you have any questions, email me!
  - 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.

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 10 <sup>th</sup>
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 24 <sup>th</sup>
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 31 <sup>st</sup>
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: 05:30 pm – 07:45 pm on Thursday August 6 <sup>th</sup>

**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:**

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