

CRN (28400) Math 1C-53Y Calculus III  
Instructor: Bijan Sadeghi  
Asynchronous  
Office Hours: Email me on Canvas

Academic Term: Fall 2026  
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**Textbook:** Calculus: Early Transcendental; 9<sup>th</sup> ed., by James Stewart.  
Your textbook should include a Webassign access code. If not, you must purchase one separately.

**Prerequisite:** Math 1A & 1B or equivalent (with a grade of C or better).

The basic content of this course covers Parametric Equations & Polar Coordinates; Infinite Sequences & Series; Vectors & the Geometry of Space; Vector-Valued Functions. Two of the chapters (Parametric & Vectors) are virtually all algebra, but there is some calculus related to area and arc-length. Sequences/Series is the essential theory of understanding how a calculator/computer computes virtually all the various mathematical functions (logarithms, trig, etc.). Your knowledge of limits is very crucial to this lengthy chapter. Vector-Valued Functions does indeed bring us back to derivatives and integrals.

Keep in mind: many colleges on a semester system have two semesters of calculus to make up a full year of calculus, whereas those schools (De Anza/Foothill, others) on a quarter system use three quarters to make a full year of calculus. Guideline: wherever you begin your calculus sequence is where you should finish that sequence. Transferring between semester and quarter systems during the calculus sequence can create problems of missed material /information.

**Attendance: Not required.**

**Cheating:** Cheating is forbidden. There shall be no talking to, or unauthorized helping of other students, or copying from or looking at another student's paper during exams. A class/course grade of "F" will be given for any of the above infractions.

**Homework:** All the homework will be done online. Once you have your webassign access code, go to [www.webassign.net](http://www.webassign.net), log-in and register, and enter Class Code:

deanza 7264 8353

**Exams:** Three exams will be given during the quarter. No Make Ups.

**Final Exam:** A two-hour comprehensive final exam will be given on Friday, December 11th, 2026; time TBD. This exam is a must. A grade of “F” will be assigned to those who miss the final exam.

|                     |                    |                    |                      |                          |              |
|---------------------|--------------------|--------------------|----------------------|--------------------------|--------------|
| September - October | Sep. 22nd - Ch. 10 | Sep. 24th - Ch. 10 | Sep. 29th - Ch.10    | Oct.1st - Ch. 10         | 10/16 Exam 1 |
| October             | 6th - Ch. 11       | 8th - Ch. 11       | <b>13th - Ch. 11</b> | 15th - Ch. 11            |              |
| October - November  | Oct. 20th - Ch. 11 | Oct. 22nd - Ch. 11 | Oct. 27th - Ch. 11   | Oct. 29th - Ch. 11       | 11/6 Exam 2  |
| November            | 3rd - Ch. 11       | 5th Ch. 11         | <b>10th - Ch. 12</b> | 12th - Ch. 12            |              |
| November            | 17th - Ch. 12      | 19th - Ch. 12      | 24th- Ch. 12         | 25th - Ch. 13            | 11/20 Exam 3 |
| December            | 1st - Ch. 13       | 3rd - Ch. 13       | 8th - Ch. 13         | <b>11th - Final Exam</b> |              |

**Grading:**

Homework 200 points

Exams (3) 300 points

Final Exam 200 points

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Total 700 points

**Percentage                  Grade**

[95-100]                  “A+”

[90-95)                  “A”

[88-90)                  “A-”

[85-88)                  “B+”

|         |      |
|---------|------|
| [80-85) | “B”  |
| [77-80) | “B-“ |
| [72-77) | “C+” |
| [65-72) | “C”  |
| [61-65) | “D+” |
| [57-61) | “D”  |
| [55-57) | “D-“ |
| [0-55)  | “F”  |

### **Important dates:**

Last day to add/drop classes: For deadlines to drop with a refund and without and with a “W” grade, go to MyPortal > Students Tab > My Courses> View your Class Schedule. Dates are enforced.

#### **Footnote:**

Math 1C-53Y: Hybrid, online asynchronous course that requires on-campus attendance for in-person examinations. Exams could be held on any of the following Fridays throughout the quarter: October 16, November 6, November 20, with an in-person final exam scheduled for Friday, December 11. I will provide specific details regarding exam times and locations. Students must have reliable access to a computer, the internet, and an individual email account. Most Deanza courses utilize the Canvas course management system. A laptop or desktop computer is strongly recommended to successfully complete course requirements, as a tablet or mobile device may not support all course activities.

**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:**

|        |            |                     |
|--------|------------|---------------------|
| Canvas | M,T,W,TH,F | 10:00 AM - 10:30 AM |
| MLC109 | T,TH       | 3:30 PM - 4:00 PM   |