CRN (13801) Math 1C-51Z Calculus
Instructor: Bijan Sadeghi
Asynchronous
Office Hours: Email me on Canvas

Academic Term: Summer 2025
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Textbook: Calculus: Early Transcendental; 9th 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. Course is asynchronous.
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, log-in and register, and enter Class Code:

deanza 16715379

Quizzes: There will be weekly quizzes held on Mondays; time TBD.
Exams: Two exams will be given during the quarter. No Make Ups.
Final Exam: A two-hour comprehensive final exam will be given on Friday, August 8th; time TBD. This exam is a must. A grade of "F" will be assigned to those who miss the final exam.

June	June 30 - Ch. 10	July 1- Ch. 10	July 2 - Ch.10	July 3 - Ch. 10	July 4 - Holiday
July	July 7 - Ch. 10	July 8 - Ch. 11	July 9 **-** Ch, 11	July 10 - Ch. 11	July 11- **Exam 1**
July	July 14 - Ch. 11	July 15 - Ch. 11	July 16 - Ch. 11	July 17- Ch. 11	July 18- Ch.11
July	July 21- Ch. 11	July 22 - Ch. 11	July 23 **-** Ch.12	July 24 - Ch. 12	July 25- **Exam 2**
July	July 28 - Ch. 12	July 29 - Ch. 12	July 30- Ch. 12	July 31 - Ch. 13	Aug. 1- Ch.13
August	August 4 - Ch. 13	August 5 - Ch. 13	August 6 - Ch. 13	August 7 **- Ch.13**	**Aug. 8- Final Exam**

Grading:

Homework	200 points
Exams (2)	200 points
Quizzes	100 points
Final Exam	200 points
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

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.

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.