CRN (48466) Math 1C-52Z Calculus
Instructor: Bijan Sadeghi
Asynchronous
Office hours: Email for a Zoom appointment

Academic Term: Spring 2023
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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.
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 3731 7986

Quizzes: There will be weekly quizzes.
Exams: Two exams will be given during the quarter. No Make Ups.
Final Exam: A two-hour comprehensive final exam will be given on Tuesday, June 27, 2023; time TBD. This exam is a must. A grade of “F” will be assigned to those who miss the final exam.

April 11 - Ch. 10	April 13 - Ch. 10	April 18 - Ch. 10	April 20 - Ch. 10	April 25 - Ch. 10
April 27 - Ch. 10	May 2 - Ch. 11	**May 4 - Exam 1**	May 9 - Ch 11	May 11 - Ch. 11
May 16 - Ch. 11	May 18 - Ch. 11	May 23 - Ch. 11	May 25 - Ch. 12	May 30 - Ch. 12
June 1 - Exam 2	June 6 - Ch. 12	June 8 - Ch. 12	June 13 - Ch. 13	June 15 - Ch. 13
June 20 - Ch. 13	June 22 - Ch. 13	**June 27 - Final Exam; Time TBD**	🙂	🙂

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:
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.

*April 22nd is the last day to add classes.

*April 23rd is the last day to drop classes without a “W.”

*June 2nd is the last day to drop classes with a “W.”

Student Learning Outcome(s):

*Graphically, analytically, numerically and verbally 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	SU	1:00 PM	2:30 PM