

CRN (48911) Math 1C-52Z Calculus
Instructor: Bijan Sadeghi
Asynchronous
Office Hours: Email me on Canvas

Academic Term: Spring 2024
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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 6494 7766

Quizzes: There will be weekly quizzes held on Thursdays; 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 Thursday, June 27th; time TBD. This exam is a must. A grade of “F” will be assigned to those who miss the final exam.

April	April 9th - Ch. 10	April 11th - Ch. 10	April 16th - Ch.10	April 18th - Ch. 10
April - May	April 23rd - Ch. 11	April 25th - Ch. 11	April 30th - Exam 1	May 2nd - Ch. 11
May	May 7th - Ch. 11	May 9th - Ch. 11	May 14th - Ch. 11	May 16th - Ch. 11
May	May 21st - Ch. 11	May 23rd Ch. 11	May 28th - Exam 2	May 30th - Ch. 12
June	June 4th - Ch. 12	June 6th - Ch. 12	June 11th- Ch. 12	June 13th - Ch. 13
June	June 18th - Ch. 13	June 20th - Ch. 13	June 25th - Ch. 13	June 27th - 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:

Last day to add/drop classes:

May 31st -> Last day to drop classes with a “W.”

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.

Office Hours:

Canvas email M,F,TH,W,T 8:00 AM 9:00 PM