

CRN (48454) Math 1C-24 Calculus
TTh, 1:30 PM - 3:45 PM
Instructor: Bijan Sadeghi
Office hours: TTh, 1:00 PM - 1:30 PM @ G6

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: You are expected to attend all class lectures in their entirety. You may be dropped from the class if you are absent four times without prior communication with me. If you need to be absent, please just email me to let me know and it'll be excused. Dropping or withdrawal from the class is the student's responsibility. A student who discontinues coming to class and does not drop will get an "F" grade.

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 2529 5408

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: 1:45 PM - 3:45 PM. 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: 1:45 PM - 3:45 PM	😊	😊

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