

Math 1C.07Y
Calculus
De Anza College
Winter 2023

Instructor: Dr. Jim Mailhot (pronounced MY-it)

Classroom: G5

Meeting Times: MTWTh 10:30 – 11:20am, plus weekly asynchronous content

e-Mail: mailhotjames@fhda.edu

Office: S54a

Office Hours: M 12:30 – 1:20pm, TW 12:30 – 1:45pm, or by appointment

Textbook: *Calculus Early Transcendentals*, 9th edition, by James Stewart

Student Learning Outcomes:

- 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.

Grading: Your grade in this course will be based on homework, in-class assignments, quizzes, three midterms and a comprehensive final exam, weighted as follows:

Homework and in-class assignments:	10%
Quizzes (lowest score dropped):	15%
3 Midterms:	15% each
Final Exam:	30%

Grade breakdowns are:

92.5% and above:	A
90 – 92.5%:	A–
87.5 – 90%:	B+
82.5 – 87.5%:	B
80 – 82.5%:	B–
77.5 – 80%:	C+
70 – 77.5%:	C
60 – 70%:	D
under 60%:	F

Homework: Homework problems from the textbook will be posted in Canvas. Homework from sections covered in class one week will be due on Wednesday of the following week. Homework will be collected either in-class on paper (stapled together, without any “fringes”) or uploaded in Canvas.

Quizzes: There will be an in-class quiz on Thursday in weeks without a midterm. (Exception: there is no quiz in the first week.) Your lowest quiz score will be dropped, and the remaining quizzes will count toward your course grade.

Exams: There will be three in-class midterms and a comprehensive final exam. You may bring one 8.5"×11" sheet of hand-written notes (both sides) to exams. Calculators are *not* allowed on exams. Make-up exams will not be given.

Extra Credit? No.

Cheating Policy: Don't be a cheater. Any student caught cheating on a quiz or an exam will receive zero points on that quiz or exam, and will be reported to the Office of Student Development. The same holds for any student who allows another student to cheat.

Be courteous to your fellow students. Please turn off all electronic devices. Anyone who repeatedly disrupts the class may be asked to leave.

College Policies:

- Students *can not* take the same class more than three times for a grade, *including W*.
- Late adds and late drops *will not* be processed.

Important Dates:

Monday, January 9 – First class meeting

Monday, January 16 – Martin Luther King, Jr. Day (holiday)

Saturday, January 21 – Last day to add

Sunday, January 22 – Last day to drop with no record

Monday, February 20 – Presidents' Day (holiday)

Friday, March 3 – Last day to drop with a 'W'

Thursday, March 23 – Last class meeting

Thursday, March 30 – Final Exam (9:15 – 11:15am)

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:

M 12:30 PM 01:20 PM In-Person,By Appointment

T,W 12:30 PM 01:45 PM In-Person,By Appointment S54a