

## Math 1A.03 and Math 1AH.03

Calculus  
De Anza College  
Fall 2023

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

**Classroom:** S75

**Meeting Times:** MW 8:30 – 10:45am

**e-Mail:** mailhotjames@fhda.edu

**Office:** E35b

**Office Hours:** MTW 1:25 – 2:15pm, T 10:00 – 10:50am, or by appointment

**Textbook:** *Calculus Early Transcendentals*, 9<sup>th</sup> edition, by James Stewart

### Student Learning Outcomes:

- Analyze and synthesize the concepts of limits, continuity, and differentiation from a graphical, numerical, analytical, and verbal approach, using correct notation and mathematical precision.
- Evaluate the behavior of graphs in the context of limits, continuity, and differentiability.
- Recognize, diagnose, and decide on the appropriate method for solving applied real-world problems in optimization, related rates and numerical approximation.

**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 the following week. Homework can either be uploaded electronically in Canvas (due Tuesdays at 11:59pm) or handed in on paper in class (due Wednesdays at the start of class).

**Quizzes:** There will be an in-class quiz in weeks without a midterm. (Exception: there is no quiz in the first week.) Quizzes will usually be given on Wednesdays. Your lowest quiz score will be dropped, and the remaining quiz scores 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 cannot take the same class more than three times for a grade, *including W*.
- Late adds and late drops will not be processed.

**Honors:** An Honors cohort is being offered in this section. If you are in the Honors Program you are welcome to participate in the cohort. Please see me if you are interested in taking this class as an Honors class. The Honors cohort entails additional work and you will earn an Honors designation for this class on your transcript. Once you commit to the Honors portion, you will be expected to complete the extra work. Failure to complete the Honors work will result in a lowering of your course grade.

If you are not a member of the Honors Program but think you may be eligible to join, and want to take this class as an Honors class, please see me.

**Important Dates:**

Monday, September 25 – First class meeting

Saturday, October 7 – Last day to add

Sunday, October 8 – Last day to drop with no record

Friday, November 17 – Last day to drop with a 'W'

Wednesday, December 6 – Last class meeting

**Monday, December 11 – Final Exam (9:15 – 11:15am)**

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- Recognize, diagnose, and decide on the appropriate method for solving applied real world problems in optimization, related rates and numerical approximation.

**Office Hours:**

M,T,W	01:25 PM	02:15 PM	In-Person	E35b
T	10:00 AM	10:50 AM	In-Person	E35b