Math 1A.07Z and Math 1AH.07Z
Calculus
De Anza College
Winter 2021

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

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Class Meetings: I will record lectures on the course material and make them available to you through Canvas. We will meet via Zoom (by way of a link in Canvas) on Tuesdays and Fridays from 10:30 to 11:20 am to discuss the course material and answer questions you may have.

Office Hours: I will conduct office hours via e-mail, Monday through Thursday, 9:00 – 9:50 pm. During office hours, I will respond to e-mail questions as promptly as I can. At other times, I will try to respond within 24 hours during the week and within 48 hours on the weekends.

Textbook: Either of the following:
- *Calculus Early Transcendentals*, 8th edition, by James Stewart
- *Calculus Early Transcendentals with Hyperbolic Functions* by James Stewart and Ron Larson. (This is the 8th edition of *Calculus Early Transcendentals* by Stewart, packaged together with a hyperbolic functions supplement by Ron Larson.)

Grading: Your grade in this course will be based on homework, in-class assignments, quizzes, two 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 sections we cover in class will be assigned and collected via Canvas, and will be graded on "completeness". Make sure you upload your answers to the homework in a standard file format, with good enough resolution that I will be able to read your writing.

Quizzes and Exams: There will be three midterms and a comprehensive final exam. Most weeks will have either a midterm or a quiz (exception: there is no quiz or midterm in the 1st week). Your

lowest quiz score will be dropped. All of the quizzes and exams will be taken asynchronously, via Canvas.

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. Follow good etiquette during Zoom meetings. Anyone who repeatedly disrupts the class may be kicked out of meetings.

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:
Saturday, January 16 – Last day to add
Monday, January 18 – Last day to drop with no record
Monday, January 18 – Martin Luther King, Jr. Day (holiday)
Friday, February 12 and Monday, February 15 – Presidents' Days (holidays)
Friday, February 26 – Last day to drop with a 'W'
Friday, March 19 – Last class meeting
March 22-26 – Finals Week

Student Learning Outcome(s):

*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.