Math 1A.07

Calculus
De Anza College
Winter 2020

Instructor: Dr. Jim Mailhot (pronounced MY-it)
Classroom: G5
Meeting Times: MTWThF 10:30 – 11:20am
e-Mail: mailhotjames@fhda.edu
Office: E35b
Office Hours: TW 12:30 – 1:45pm, F 12:30 – 1:20pm, or by appointment

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, 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: A list of homework problems for the quarter will be e-mailed to students. Homework will be collected *at the beginning* of class every Wednesday. Sections covered in class one week will be due on Wednesday of the following week. Homework assignments should be neat and legible, stapled together, without any "fringes".
Quizzes: I will give pop quizzes in class on a random basis. Calculators are *not* allowed on quizzes. Make-up quizzes will not be given. Your lowest quiz score will be dropped.

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.

Getting Help: In addition to coming to office hours, you can get help at the *Math, Science & Technology Resource Center (MSTRC)* in S43. They are open Monday through Thursday 8:30am to 6:30pm and Friday 8:30am to 12:30pm.

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:
Saturday, January 18 – Last day to add
Sunday, January 19 – Last day to drop with no record
Monday, January 20 – Martin Luther King, Jr. Day (holiday)
Friday, February 14 and Monday, February 17 – Presidents' Days (holidays)
Friday, February 28 – Last day to drop with a 'W'
Friday, March 20 – Last regular class day
Thursday, March 26 – Final Exam (9:15 – 11:15am)

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.