

Math 1B.21
Calculus
De Anza College
Spring 2018

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

Classroom: G5

Meeting Times: MW 1:30 – 3:45pm

e-Mail: mailhotjames@fhda.edu

Office: E35b

Office Hours: MTWTh 4:00 – 4:50pm, 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:	12.5%
Quizzes (lowest score dropped):	12.5%
3 Midterms:	15% each
Final Exam:	30%

Approximate grade breakdowns are:

90% and above:	A or A-
80 – 90%:	B+, B or B-
70 – 80%:	C+ or 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 and notes 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.

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 M-Th 8:30am – 6:30pm and F 8:30am – 12:30pm.

Cheating Policy: Don't be a cheater. Any student caught cheating on a quiz or an exam will receive 0 points on that quiz or exam. The same holds for any student who allows another student to cheat.

Attendance Policy: You are expected to be on time and attend all classes. Roll will be taken at the beginning of every class period.

Be courteous to your fellow students. Please make sure your cell phones, iPods and other electronic devices are turned off. 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.

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, April 21 – Last day to add

Sunday, April 22 – Last day to drop with no record of grade

Monday, May 28 – Memorial Day (holiday)

Friday, June 1 – Last day to drop with a 'W'

Wednesday, June 20 – Last regular class day

Monday, June 25 – Final Exam (1:45 – 3:45pm)

Student Learning Outcome(s):

- *Analyze the definite integral from a graphical, numerical, analytical, and verbal approach, using correct notation and mathematical precision.
- *Formulate and use the Fundamental Theorem of Calculus.
- *Apply the definite integral in solving problems in analytical geometry and the sciences.