

Math 1B.05
Calculus
De Anza College
Summer 2018

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

Classroom: G5

Meeting Times: MTWTh 12:30 – 2:45pm

e-Mail: mailhotjames@fhda.edu

Office: E35b

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%
2 Midterms:	18.75% each
Final Exam:	37.5%

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 Tuesday and Thursday. Sections covered in class on Monday and Tuesday will be due on Thursday of the same week. Sections covered in class on Wednesday and Thursday will be due on Tuesday 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 two 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.

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.

Important Dates:

Wednesday, July 4 – Independence Day (holiday)

Sunday, July 8 – Last day to add

Monday, July 9 – Last day to drop with no record of grade

Wednesday, August 1 – Last day to drop with a ‘W’

Thursday, August 9 – **Final Exam** (in class)

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.