

Math 1D.03Z and Math 1DH.03Z

Calculus
De Anza College
Spring 2022

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

Meeting Times: MTWThF 10:30 – 11:20am via Zoom (link in Canvas)

e-Mail: mailhotjames@fhda.edu

Office: E35b

Office Hours: MTW 12:30 – 1:37pm, or by appointment

Textbook: *Calculus Early Transcendentals*, 8th edition, by James Stewart

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 and collected in Canvas. Homework from sections covered in class one week will be due on Wednesday of the following week. Make sure you upload your answers to the homework with good enough resolution that I will be able to read your writing.

Quizzes: There will be a timed, online quiz on Thursday in weeks without a midterm. (Exception: there is no quiz in the first week.) Your lowest quiz score will be dropped, and the remaining quizzes will count toward your course grade.

Exams: There will be three timed, online midterms and a timed, online, comprehensive final exam.

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 *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 e-mail 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 e-mail me.

Important Dates:

Saturday, April 16 – Last day to add

Sunday, April 17 – Last day to drop with no record

Friday, May 27 – Last day to drop with a ‘W’

Monday, May 30 – Memorial Day (holiday)

Friday, June 17 – Last day of instruction

Monday, June 20 – Juneteenth (holiday)

Thursday, June 23 – **Final Exam**

Student Learning Outcome(s):

- *Graphically and analytically synthesize and apply multivariable and vector-valued functions and their derivatives, using correct notation and mathematical precision.
- *Use double, triple and line integrals in applications, including Green's Theorem, Stokes' Theorem and Divergence Theorem.
- *Synthesize the key concepts of differential, integral and multivariate calculus.