

Math 1D.03Y and Math 1DH.03Y

Calculus
De Anza College
Spring 2023

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

Classroom: G5

Meeting Times: MTWTh 10:30 – 11:20am, plus weekly asynchronous content

e-Mail: mailhotjames@fhda.edu

Office: S54a

Office Hours: M 12:30 – 1:20pm, TW 12:30 – 1:45pm, or by appointment

Textbook: *Calculus Early Transcendentals*, 9th edition, by James Stewart

Student Learning Outcomes:

- Apply analytic, graphical and numerical methods to study 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's Theorem and Divergence Theorem.
- Synthesize the key concepts of differential, integral and multivariate calculus.

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:	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 in Canvas. Homework from sections covered in class one week will be due on Wednesday of the following week. Homework will be collected either in-class on paper (stapled together, without any “fringes”) or uploaded in Canvas.

Quizzes: There will be an in-class 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 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.

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 *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:

Monday, April 10 – First class meeting

Saturday, April 22 – Last day to add

Sunday, April 23 – Last day to drop with no record

Monday, May 29 – Memorial Day (holiday)

Friday, June 2 – Last day to drop with a ‘W’

Monday, June 19 – Juneteenth (holiday)

Thursday, June 22 – Last class meeting

Thursday, June 29 – **Final Exam (9:15 – 11:15am)**

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.

Office Hours:

M	12:30 PM	01:20 PM	In-Person	S54a
T,W	12:30 PM	01:45 PM	In-Person	S54a