

Math 1D.07 and Math 1DH.07

Calculus 4
De Anza College
Fall 2024

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

Classroom: G7

Meeting Times: MW 11:00am – 1:15pm

e-Mail: mailhotjames@fhda.edu

Office: E35b

Office Hours: MT 1:30 – 2:45pm, W 1:30 – 2:20pm

How to Contact Me:

- Talk to me before or after class.
- e-Mail – expect a response by the end of the next business day.
- Come to office hours (no appointment necessary).

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 the following week. Homework can either be uploaded electronically in Canvas (due Tuesdays at 11:59pm) or handed in on paper in class (due Wednesdays at the start of class).

Quizzes: There will be periodic in-class quizzes. Your lowest quiz score will be dropped, and the remaining quiz scores 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, September 23 – First class meeting

Sunday, October 6 – Last day to add

Sunday, October 6 – Last day to drop with no record

Monday, November 11 – Veterans' Day (holiday)

Friday, November 15 – Last day to drop with a 'W'

Wednesday, December 4 – Last class meeting

Monday, December 9 – **Final Exam (11:30am – 1:30pm)**

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- Synthesize the key concepts of differential, integral and multivariate calculus.

Office Hours:

M,T	01:30 PM	02:45 PM	In-Person	E35b
W	01:30 PM	02:20 PM	In-Person	E35b