Math 2B.10 and 2BH.10

Linear Algebra
De Anza College
Winter 2022

Instructor: Dr. Jim Mailhot (pronounced MY-it)
Classroom: G5
Meeting Times: MTWThF 11:30am – 12:20pm
e-Mail: mailhotjames@fhda.edu
Office: E35b
Office Hours: MTWThF 8:45 – 9:10am, MTW 12:45 – 1:10pm, or by appointment

Textbook: *Elementary Linear Algebra*, 8th edition, 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:	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 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, January 15 – Last day to add
Monday, January 17 – Last day to drop with no record
Monday, January 17 – Martin Luther King, Jr. Day (holiday)
Friday, February 18 and Monday, February 21 – Presidents' Day (holiday)
Friday, February 25 – Last day to drop with a 'W'
Friday, March 18 – End of instruction
Monday, March 21 – Final Exam (11:30 am – 1:30 pm)

Student Learning Outcome(s):

*Construct and evaluate linear systems/models to solve application problems.
*Solve problems by deciding upon and applying appropriate algorithms/concepts from linear algebra.
*Apply theoretical principles of linear algebra to define properties of linear transformations, matrices and vector spaces.