Math 2B-Linear Algebra   **Spring 2022**   **Instructor: Bijan Sadeghi**

CRN: 47506, section 51Z   sadeghibijan@fhda.edu

Office hours via Zoom; TTH 5:3pm – 6:30pm

Course Format

This is an asynchronous course which is accessible through Canvas (https://deanza.instructure.com)

There will be lecture videos to watch, readings in the text, discussions, and homework assignments to complete every week. All assignments have due dates, and no late work will be accepted, so pay attention to the dates and times.

I will post announcement regularly with reminders about up-coming assignments. Please read my announcements.

Required Course Material

.   **TEXTBOOK** with Webassign Homework: Elementary Linear Algebra, 8th edition by Ron Larson-the eBook is included with the homework in Webassign, and costs about $100.

.   **Canvas**: deanza.instructure.com (free).Used for links to notes, videos, keeping track of your grades, taking quizzes and exams.

.   **Calculator**: A TI-84 graphing calculator (or equivalent) is useful throughout the course.

.   **WEBASSIGN HOMEWORK**: All of the homework will be done online. Once you have your WebAssign access code, go to www.webassign.net, log-in and register, and enter the **Class key:**

deanza 3224 5211

Attendance Policy

Attendance is required via actively participating in class and online. I will drop any student who has not logged onto the Canvas course and completed at least one assignment during the first week.

If you fail to complete assignments 2 weeks in a row, I may drop you from the course, however, students are responsible to drop or withdraw if they so need. It is also the student's responsibility to check http://www.deanza.edu/calendar/ for the De Anza College declines.

Please be sure to read the Announcements and check your inbox in Canvas regularly.

Academic Integrity

Students who submit the work of others as their own or cheat on exams or other assignments will receive a failing grade in the assignment and will be reported to college authorities.

Notes to students with disabilities

If you have a disability-related need for reasonable academic accommodations or services in this course, provide me with a Test Accommodation Verification Form (also known as TAV form) from Disability Support Services (DSS) or The Educational Diagnostic Center (EDC). Students are expected to give one week notice of the need for accommodations. Student with disabilities can obtain a TAV from their DSS counselor (408-864-8753 DSS main number) or EDC advisor (408-864-8839 EDC main number). The application process is here:

http://www.deanza.edu/dsps/dss/applynow.html

Quizzes: A quiz will be assigned and graded on Canvas.

Midterms: Two midterm exams will be assigned on Canvas.

Final exam: A comprehensive final exam will be assigned and graded on Canvas on June 23rd.

Grading:	**Quizzes**	**100**
	Homework	**200**
	Midterms (2)	**200**
	Final Exam	**200**
	Total	**700**

Scale

Grade	Points	Percentage			
A+	665-700	95 – 100	A	630-664	90 – 94
A-	616-629	88 – 89	B+	595-615	85 - 87
B	560-594	80 – 84	B-	546-559	78 - 79
C+	525-545	75 – 77	C	455-524	65 – 74
D+	420-454	60 – 64	D	399-419	57- 59
D-	378-398	54 – 56	F	000 – 377	00 - 53

Important dates: Last day to add/drop classes: For deadlines to drop with a refund and without and with a "W" grade, go to MyPortal > Students Tab > My Courses> View your Class Schedule. Dates are enforced.

Apr. 16: Last day to add classes.

Apr 17: Last day to drop classes for full refund or credit without "W".

May 27: Last day to drop classes with "W".

Tentative Course Calendar

Week 1	Chapter 1	
Week 2	Chapter 2	
Week 3	Chapter 2 , 3	
Week 4	Chapter 3	Exam 1
Week 5	Chapter 4	
Week 6	Chapter 4	
Week 7	Chapter 5	
Week 8	Chapter 5, 6	Exam 2
Week 9	Chapter 6	
Week 10	Chapter 7	
Week 11	Chapter 10	
Week 12		Final Exam

Footnote Information

MATH-002B-51Z: TI-83 Plus or TI-84 Plus calculator recommended. This is an online class that does not have scheduled meetings. Students can log in anytime to do the required weekly course work. Students must have access to a computer, the internet and an individual email address. We recommend a laptop or desktop computer to successfully complete the course; a tablet or phone may not be adequate for all assignments and tests. Most De Anza classes will use the Canvas course management system. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382. The Student Online Resources hub with extensive information and tips can be found at deanza.edu/online-ed/students/remotelearning.

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.