

**Rudolf  
T, Th MLC 260**

**Math 002B.20  
Syllabus**

**Spring 2023  
4:00 – 6:15 PM**

**Required text:** Elementary Linear Algebra, 8<sup>th</sup> edition, Larson, R., Cengage, Boston, MA, 2017

**Calculator:** A scientific calculator is required. (TI 84 is recommended.) **Bring your calculator to class every day.**

**Office Hours:** 3:00 – 3:30 pm every M and T in S-43, the Math and Science Tutorial Center

**E-mail address:** rudolfhoward@fhda.edu

**Attendance:** Class meets every T and Th from 4:00 – 6:15 PM.

**You must attend on the first day of class or you will be dropped as a “no show.”** You are expected to attend class every day. Additionally, material not discussed in the text may be covered. **Often, students who don’t attend class end up dropping or flunking!**

**Masking:** Wearing a mask is a requirement for attending class!

**Student  
Learning  
Objectives:**

- 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

**Adding:** You must add by the end of the 2nd week of class (Saturday, April 22<sup>nd</sup>). After that, I will not allow you to add. If you are on the waiting list (and there is room), I will give you the appropriate add code on Monday after class.

**Dropping:** It is your responsibility to drop the course on or before Friday, June 2, 2023 if you decide to discontinue the course. If you are on my final roster, I have to give you a grade.

If you miss an exam or the two quizzes before the drop date, it will be at my discretion to drop you.

**Prerequisite:** Mathematics 1D with a grade of C or better.

**Course content:** Course topics will include the following chapters in the book:

Chapter	Sections
1	1.1-1.3
2	2.1 -2.5
3	3.1-3.4
4	4.1 – 4.7
5	5.2 – 5.3
6	6.1 – 6.3
7	7.1 – 7.4

**Grading:** Your grade will be based on the following:

2 quizzes	50 points
3 exams	300 points
<u>1 final exam</u>	<u>150 points</u>
	500 points

The grading scale is:

<u>Percentages</u>	<u>Total Points</u>	<u>Grade</u>
90 – 100	450-500	A
80 – 89	400-449	B
70 – 79	350-399	C
60 – 69	300-349	D
Below 60	< 300	F

**Testing:** You are allowed one make-up on a quiz or an exam during the quarter. *The make-up will be taken during office hours on the class day following the originally-scheduled quiz or exam.*

**If you use your make-up privilege once and don't take a subsequent quiz or exam on time, you will get a zero.**

The final exam will be comprehensive. **There is no make-up on the final exam.**

**Notably, making up an exam or a quiz doesn't mean you can take it over if you do poorly.**

**Testing  
Material:**

<b>Quiz/Exam #</b>
Quiz #1 on Chapter 1
Quiz #2 on Chapter 2
Midterm I Exam on Chapters 1 and 2
Midterm II Exam on Chapters 3 and 4
Midterm III Exam on Chapters 5 and 6
Chapters 7(Tested on Final Exam)

- Testing Rules:**
- 1) You will get 45 minutes for a quiz and 2 hours, 10 minutes for a midterm.
  - 2) A wrong answer cancels out a correct answer.
  - 3) If you are late for a quiz or an exam, you lose the time.

**Homework:** Homework will be assigned at the beginning of each chapter. The answers to the text problems can be found in the back of the book. Additional problems covering material not presented in the text will be assigned as well, and the answers to these problems will be given to you.

It is highly recommended that you do the homework, as practice makes perfect. Many problems will be assigned to allow you that practice, and for that reason, the homework will be **non-collectable**.

**Handouts:** All handouts will be available in Canvas for download. Be sure to print the handouts from each chapter and bring them to class.

- Comments:**
- 1) Make sure your De Anza e-mail in My Portal is current.
  - 2) If you have any learning disabilities, please make sure you talk to me ASAP and that you provide me with all of the appropriate paperwork and I will make accommodations for you.

**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.

**Office Hours:**

M,T

09:45 AM

10:10 AM

In-Person

S43

M,T

03:00 PM

03:30 PM

In-Person

In Person

T,TH

03:00 PM

03:30 PM

In-Person

In Person