

MATH3323-001 Linear Algebra, Spring 2020

Instructor: Dr. Brandy Rapatski

Office: B-111, Extension 3521

Office Hours: M/W: 2:15-3:15

T: 11:20-12:20

Other by appointment

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Lecture: MWF 9:55-11:10, C-002

Course Description: Linear algebra is a combination of both theory and application. You will learn many theorems/proofs and techniques that will prove useful in your upper level mathematics courses. There are many valuable and important applications, of the material, that we will cover. When possible, I will discuss some real-life applications, however we will concentrate our attention on the theory along with building your skills in the solving of mathematical problems. We will start with learning how to solve systems of linear equations and this will lead us into vectors and matrices. We will also look at vector spaces, determinants, and linear transformations. We will cover various sections from chapters 1-7.

Prerequisite: MATH 2216 with a grade of C or better.

Text: The text for the course is Elementary Linear Algebra, by Larson 8th Edition.

WebAssign: We will be using WebAssign this semester. **WEBASSIGN IS MANDATORY!!!** You can buy instant access to WebAssign through the Cengage site or from the bookstore.

Class Key: stockton 3533 2076 - Go to www.webassign.net and click on "I have a class key". Enter this key to get access to our course (including the word stockton).

Homework: Homework problems are assigned through WebAssign. There will be an assignment for each section we cover. There will be due dates listed for each assignment. Late assignments will not be accepted, but the lowest homework grade will be dropped.

Problem Sets: During the term you will be assigned problem sets (posted on my website) and given 1-2 weeks to complete them. You may work together on these problem sets, but each student must turn in their own solutions. You may seek help from the learning center or come to office hours. We will not discuss the solutions of the problems in class until after they are due. No late assignments will be accepted.

Quizzes: Short quizzes will be given weekly. All quizzes will be announced (no pop-quizzes) and will be given at the beginning of class. If you are late you will have missed the quiz. Each quiz covers the material from the last quiz/test. No make-up quizzes will be given, but your lowest quiz score will be dropped.

Skills Center: Located in J105, provides peer tutoring to all students at Stockton enrolled in mathematics and science courses.

Calculators: Calculators can be a valuable tool in the learning of mathematics. You are welcome to use them to help you with your homework/problem sets, however calculators are not allowed during quizzes or exams.

Class Etiquette: Please shut off your ringers.

Attendance: You are expected to arrive on time and stay for the duration of our class meeting. You are responsible for everything covered in class, including lecture notes and announcements.

Tests and Final Exam: We will have 2 in-class exams and a final exam during the semester, all at normal class time. They will be:

Exam 1 February 26

Exam 2 April 6

Final Exam May 6 (10:00-12:00)

Make-up tests will not be given, except due to an unforeseen emergency. In such a case, you must contact me **immediately** and have the proper documentation.

Course Grading:	Exams:	20% each
	Quizzes:	15%
	Problem Sets:	15%
	WebAssign	5%
	Final Exam:	25%

Grading:	A, A-	90-100
	B+, B, B-	80-89
	C+, C, C-	70-79
	D+, D, D-	60-69
	F	less than 60

Important Dates:

March 16-20 Spring Break – NO CLASSES

March 31: Preceptorial Advising – NO CLASSES

April 8: Preceptorial Advising – NO CLASSES until 3:35

April 9: Deadline to withdraw from a full-term course with a W grade

Note: This is a Q1 course. It has mathematical thinking as the main focus. The majority of the course is spent on quantitative/mathematical concepts and procedures. Mathematics is part of every class session and is a major criterion for evaluating your performance in the course.