

Instructor: Warren Weckesser
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Office Hours: Monday and Wednesday, 1:30-3:30 PM
 Other times by appointment, or just drop by to see if I'm available.

Text: *Elementary Linear Algebra, 8th edition* by Kolman and Hill

Web Page: <http://math.colgate.edu/~wweckesser/math214/>

Topics Covered:

We will cover the following sections of the text:

Chapter	Sections
1	1 – 6
2	1 – 4
3	1 – 8
5	1 – 3, 5
6	1 – 5
7	1, 2, 4 – 6, 7.9
8	1, 2 (if time)

We may cover additional material if there is time.

Homework:

Homework will be assigned and collected each week (with a few exceptions). Each assignment handed in will be marked with a “check”, a “check minus” or a zero. If it is clear that you have made a concerted effort to do all the problems, you get a “check”. Incomplete or excessively sloppy work will be given “check-minus”. Assignments not turned, or turned in but obviously executed with very little effort, will be given a zero. *Late homework will not be accepted.*

Important notes about the homework:

1. Doing the homework diligently every week is probably the most crucial part of the time and effort that you will put into this course.
2. Some of the problems will be similar to the examples covered in the text and in class, but *some will be significantly more difficult!* The easier exercises help you to learn the basic techniques, while the harder problems will force you to go beyond what I have covered in class, and apply the techniques to new and challenging problems.
3. Collaboration with your classmates on the homework is encouraged! However, collaboration does not mean copying someone else's answers. It means working together so that everyone understands the problems. Each person must write their own solutions.

Quizzes and Exams:

There will be three in-class quizzes, two evening midterm exams, and a final exam.

Quiz 1	Fri., January 28	In class
Exam 1	Wed., February 16	7 PM
Quiz 2	Fri., March 4	In class
Exam 2	Wed. March 30	7 PM
Quiz 3	Fri., April 15	In class
Final Exam	Check the schedule	

Grading:

Your grade will be based on the following:

<i>Item</i>	<i>Points</i>
Homework	15
Quizzes (45 each)	135
Midterm Exams (100 each)	200
Final Exam	150

Your grade for the course will be determined by computing your numerical total and then converting that number to a letter grade. The assignment of letter grades will depend on performance of the the individual and on my overall impression of the class. However, the cutoffs for letter grades will be no higher than these:

100 - 96.7% A+	86.7 - 89.9% B+	76.7 - 79.9% C+	66.7 - 69.9% D+	0 - 59.9% F
93.3 - 96.6% A	83.3 - 86.6% B	73.3 - 76.6% C	63.3 - 66.6% D	
90 - 93.2% A-	80 - 83.2% B-	70 - 73.2% C-	60 - 63.2% D-	

Computer Lab Work:

Some of the homework problems will require the use of the software package MATLAB. MATLAB is available on the computers in the Math Department Computer Lab, in 201E McGregory. Time will be scheduled later for an introduction to the software. You can also find out more about MATLAB in Chapter 9 of the text.