

MATH 544 — Summer 2007

- Professor: Prof. Kustin  
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or  
[www.math.sc.edu/~kustin/teaching/544/544.html](http://www.math.sc.edu/~kustin/teaching/544/544.html)  
or  
just google my name and make your way through my website.
- Office Hours: by appointment
- Text Book: Introduction to Linear Algebra, Fifth edition, by Johnson, Riess, Arnold.
- The class meets: Monday through Thursday 10:30 – 11:30, 11:40 – 12:40. In total there are 18 days of class from Monday, June 4 until Tuesday, July 3.
- Be sure to: learn every Definition and the statement of every Theorem.
- Homework: The homework for the semester is posted on my website. To succeed in the course, DO (rather than read or watch) all of the homework, until you are sure that your answer is correct. Do the homework in a timely manner (that is, before I go over it in class). ASK about the problems that cause you difficulty.
- I will assign a few homework problems each class. Be sure to do these problems before the next class. The quiz questions will be taken directly from the homework.
- I will not collect and grade homework. On the other hand, if you

want feedback on your work between exams and/or quizzes, then write it down and give it to me. I'll tell you what is right and what is wrong and make suggestions. You can give me whatever you like: homework I have assigned, other problems from the text book, other relevant problems, etc. You should write your work up in a professional manner (that is, use nice handwriting, dark ink or dark pencil, write from left to right, top to bottom, in complete sentences, etc.) I don't see any point in you giving me a solution which you copied from the text book or from the blackboard.

Drop Date: The last day to drop without receiving a WF: Tuesday, June 12. You will have one exam and one quiz before that day.

Attendance: I expect you to attend all classes. A grade penalty will be exacted if you have an excessive number of absences (*whether excused or unexcused*); see the Bulletin of Undergraduate Studies (<http://www.sc.edu/bulletin/ugrad/acadregs.html>). If you plan to leave before class is over, the correct procedure is to mention this to me before I start class. It is impolite, disruptive, and a bad idea to leave class while I am lecturing unless you have followed this procedure.

Old Exams: The exams I gave the other times I taught this course are available at my web site. Be sure to notice the high percentage of questions of the form: "Define XXX." or "Prove XXX." or "True or False. If true, prove it. If false, give a counterexample." Many of the exam questions come from the homework; so DO the homework in a timely manner. Many times a type of question is repeated from exam to exam; so if a problem causes you difficulty on an exam or quiz, make sure you know how to do it before the next exam or quiz.

Quizzes: There will be 3 quizzes. They will be given on Wednesday 6/6, Thursday 6/14, and Monday 6/25. Each quiz will be worth five points. The quiz will consist of one problem from the previous

night's homework. I will drop your lowest quiz score and calculate your final quiz score out of 10. THERE WILL BE NO MAKE-UP QUIZZES.

Hour Exams: There will be three hour exams. They will be given:  
Monday, June 11,  
Tuesday, June 19, and  
Wednesday, June 27.

Each hour exam is worth 50 points. I will drop your lowest hour exam score and calculate your final exam score out of 100. THERE WILL BE NO MAKE-UP EXAMS.

Final Exam: The final exam is worth 100 points and will be given on FRIDAY, July 6 at 10:30 AM.

Final Grade:     10 points   Quiz score  
                  100 points   Exam score  
                  100 points   Final Exam  
                  210 points   Total.  
                  189–210    A  
                  168–188    B  
                  147–167    C  
                  126–146    D

If your performance at the end of the class indicates that you should receive a grade higher than is calculated from the above chart, then you will receive the higher grade