

## MATH 546/701I — Fall 2004

- Professor: Prof. Kustin  
Office: 300-B LeConte  
Office Phone: 777-3510 or 777-4224  
e-mail: kustin@math.sc.edu  
web site: [www.math.sc.edu](http://www.math.sc.edu) (Click on Department Directory. Click on Kustin. Click on Teaching. Click on Math 546.) or [www.math.sc.edu/~kustin/teaching/546/546.html](http://www.math.sc.edu/~kustin/teaching/546/546.html)
- Office Hours: by appointment (I am here all day. If I know when you plan to visit me, I'll be sure to be in my office, rather than at some random place in the building.)
- Text Book: Abstract Algebra by Beachy and Blair.
- Be sure to: learn every Definition and the statement of every Theorem.
- Homework: 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.

Most of the homework for the semester is attached. 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 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: Thursday, September 30. You will have two exams and four quizzes 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 last few times I taught this course are available at my web site. There are some patterns to look for because surely these patterns will continue in your course: Many of the exam questions come from the homework; so DO the homework in a timely manner. Many times a type of exam 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.

Notice that almost all of the problems say: "Define XXX." or "State XXX." or "Prove XXX." or "True or False. If true prove it. If false, give a counterexample." or "Give an example of XXX."

Quizzes: There will be 11 quizzes: 8/25, 9/1, 9/15, 9/22, 10/1, 10/8, 10/13, 10/20/ 11/1, 11/8, and 11/15. 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 50. **THERE WILL BE NO MAKE-UP QUIZZES.**

Hour Exams: There will be four hour exams. They will be given:  
Wednesday, September 8,  
Monday, September 27,  
Monday, October 25, and  
Monday, November 22.  
Each hour exam is worth 50 points. I will drop your lowest exam score. **THERE WILL BE NO MAKE-UP EXAMS.**

Final Exam: The final exam is worth 100 points and will be given on Thursday, Decemeber 9 at 2:00 PM.

Final Grade:   50 points   Quiz score  
                  150 points   Exam score  
                  100 points   Final Exam  
                  290 points   Total.  
270–290   A  
240–269   B  
210–239   C  
180–209   D