MATH 554/703I — Summer 2006

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Office Hours:	by appointment
Text Book:	Introduction to Real Analysis, Second edition, by Stoll.
The class meets:	Monday through Thursday 10:30–11:30 and 11:40–12:40. In total there are 18 days of class from Monday, May 29 until Tuesday, June 27.
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: Thursday, June 8. You will have one exam and 3 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 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 6 quizzes. They will be given on Tuesday 5/30, Thursday 6/1, Monday 6/5, Monday 6/12, Wednesday 6/14, and Thursday 6/22. 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 25. THERE WILL BE NO MAKE-UP QUIZZES.

Hour Exams:	There will be two hour exams. They will be given: Wednesday, June 7, and Tuesday, June 20. Each hour exam is worth 50 points. THERE WILL BE NO MAKE-UP EXAMS.
Final Exam:	The final exam is worth 100 points and will be given on Thursday, June 29 at 10:30 AM.
Final Grade:	25 points Quiz score 100 points Exam score 100 points Final Exam 225 points Total. 202–225 A 179–201 B 156–178 C 134–155 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