

Math 554/703I Course Outline

Fall 2003

Text : *Introduction to Real analysis*
Addison and Wesley, Second Edition
by: Manfred Stoll

Professor : Anton R. Schep

Office : LeConte 300C

Phone : 7-6190

Email : schep@math.sc.edu

Web page : //www.math.sc.edu/~schep/math554-2003.html

Office hours : T-TH 10:30–12:00 (or by walk-in or appointment)

Tests : 3 one hour tests, each counting 20%, 1 Final exam counting 30%

Tentative test dates : September 26, October 29, December 1

HW+Quizzes : 10%

Homework assignments : //www.math.sc.edu/~schep/homework554-2003.html

Date of Final Exam : Friday, December 12, 9:00 AM

Material to be covered : Chapter: 1, 2, 3, 4 , 5.1 and 5.2, 6.1, 6.2, 6.3

One of the goals of this course is to provide the theoretical foundation of many results used in calculus. In calculus the emphasis is on how to calculate limits, derivatives and integrals, while here the emphasis will be on the definitions, theorems and proofs. This course, with its sequel Math 555 (offered in the spring), is highly recommended to students planning to go to graduate school in mathematics.

Make-up policy : No make-ups for missed homework or quizzes (lowest 2 or 3 scores will be dropped), make-ups for missed hourly tests or final will only be given if they were missed for legitimate reasons. In this case any effort should be made to contact me as soon as possible and you might need to provide documentation to support your reasons for missing the tests.

Attendance policy : A grade penalty can be invoked, if more than 10% of classes are missed.

Graduate Credit : Students in Math 703I or students taking Math 554 for graduate credit will have additional or some different questions on tests and quizzes.