Syllabus for Mathematics 554/703I, Section H01/001, Fall 2013

TIME AND PLACE: MWF 12:00pm–12:50pm, LC 303B

INSTRUCTOR: Ralph Howard   OFFICE: LC 304   PHONE: 777-7471

OFFICE HOURS: TTh 2:00pm–3:00pm and by appointment

TEXT: *Introduction to Analysis* by Maxwell Rosenlicht

CLASS WEB PAGE: http://www.math.sc.edu/∼howard/Classes/554b/

Grading: There will be three hour exams of 100 points each. Homework will be collected and will count for 150 points. The Final will count for 150 points. There will be in class quizzes that will be included as part of the homework grade.

Three midterms @100 points each	300 points
Final	150 points
Homework (includes quizzes)	150 points
Total	600 point

The grade will be based on the total number of points out of the 600 points. Note that the homework counts as much as the final so it is important to spend time on the homework. Some homework many be "collected" in the form of in class quizzes. Letter grades will be assigned to all the tests. The last day to drop is Thursday February 23 and you should have a good idea of where you stand by then.

There will be no make up exams. If you miss a test, then your score on that exam is 75% of the average of your other test scores (including the final). If you miss a second exam then the score on it is zero. Likewise **no late homework will be accepted.**

The exams will be on the following days:

Test 1   Friday, September 20
Test 2   Friday, October 25
Test 3   Monday, November 25
Final   Friday, December 13, 9:00am

Learning Outcomes: Successful students in Analysis I will become knowledgeable about and will master concepts of real analysis. They will improve their ability to write and read mathematical proofs, particularly those related to the least upper bound axiom, compactness, sequences, continuity, uniform continuity, differentiation, Riemann integration, and the fundamental theorem of calculus.