Syllabus for Mathematics 555H, Section H01, Spring 2024

TIME AND PLACE: MWF 9:30–10:20AM, LECONTE 348
INSTRUCTOR: Ralph Howard OFFICE: LC 348 PHONE: 777-7471
OFFICE HOURS: MW 2:30–3:30pm, Tues 2:00–3:00pm and by appointment.
CLASS WEB PAGE: `https://ralph-howard.com/Classes/Spring2024/555/`
TEXT: The main text will be notes I have written which can be found on the class web page. A text that has a similar point of view is *Introduction to Analysis* by Maxwell Rosenlicht which is about $15.00 here at amazon .

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. There will also be points for doing problems in class.

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

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 Monday, March 30 and you should have a good idea of where you stand by then.

There will be no make up exams. Your lowest test score other than the final will be replaced by your average on the other exams including the final. If you miss a midterm you will get this average for that exam. If you miss a second midterm you a zero is recorded. Likewise **no late homework will be accepted.**

The exams will be on the following days:

Test 1	Wednesday, February 7
Test 2	Wednesday, March 20
Test 3	Friday, April 15
Final	Friday, April 26 at 9:00am

Learning Outcomes: Successful students in Analysis II 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 derivatives, integrals, power series, the fundamental theorem of calculus, and interchange of limit processes.