

Discrete Mathematics I, Math 574 - Section 001, Fall 2015

TIME AND PLACE: 10:50 am - 11:40 am MWF LeConte College 115

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

OFFICE HOURS: TTh 2:30pm–3:30pm, 2:30–3:30 pm and by appointment

TEXT: Introductory Discrete Mathematics By V. K. Balakrishnan

Grading: There will be three hour exams of 100 points each. Homework will be collected and will count for 100 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)	100 points
Total	550 point

The grade will be based on the total number of points out of the 550 points. Note that the homework counts as much as a test so it is important to spend time on the homework. Some homework may 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, October 12 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 80% 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 Monday, September 21

Test 2 Monday, October 26

Test 3 Monday, November 23

Final Monday, December 7 - 12:30 pm

About using smart phones, tablets, and computers in class: I know that some students only have digital versions of the text and I will give some assignments in electronic form. So there is reason use phones, tablets and computers in class. But if someone looks like they are are texting or web browsing I will make a point of asking them a question to see if they are paying attention.

Learning Outcomes: Students will master concepts in Discrete Mathematics. They will be able to read, comprehend, and construct valid mathematical proofs. They will learn the basic counting techniques and use them to solve more sophisticated counting problems.