Syllabus for Mathematics 300, Section 002, Fall 2017

TIME AND PLACE: MWF 1:10pm–2:00pm LeConte College 112
INSTRUCTOR: Ralph Howard OFFICE: LC 304 PHONE: 777-7471
OFFICE HOURS: MWF 10:30–11:30 and by appointment.
TEXT: *Book of Proof, Second Edition* by Richard Hammack.

Homework and quizzes: Homework will be assign each class period. One of the problems will be collected and graded. There will be a quiz at the end of each class based on the homework problems that were not collected.

Grading: There will be three hour exams of 100 points each. Homework and quizzes 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 at the board 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.* Letter grades will be assigned to all the tests. The last day to drop without a WF is Monday, October 16 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 Wednesday, September 27
Test 2 Wednesday, November 1
Test 3 Friday, December 2
Final Wednesday, December 13, at 12:30pm

Learning Outcomes: Successful students in Mathematics 300 will become familiar with the mathematical style of writing a proof and gain the necessary background for more advanced proof-based classes. Students will be able to use truth tables, quantifiers, basic concepts of set theory, mathematical induction.