SYLLABUS: MATH 574

DISCRETE MAHEMATICS

Instructor: Michael Filaseta

Office: 301 LeConte

Email Address: filaseta@mailbox.sc.edu (best way to communicate with your professor)

Departmental Number: 777-4224 (avoid using if possible)

Office Hours: 12:15-1:15 p.m. on MWF and by appointment

Web Page for Course: http://www.math.sc.edu/~filaseta/courses/Math574/Math574.html

(contains past tests, some homework solutions, and other material)

Text: No Required Textbook

Grading Percentages: Quizzes and Class Participation (10% total)

3 Tests (20% each) Cumulative Final (30%)

Grading Scale:

Percentage	Letter Grade
≥ 90	A
≥ 87 and < 90	B ⁺
≥ 80 and < 87	В
≥ 77 and < 80	C+
≥ 70 and < 77	С
≥ 67 and < 70	D ⁺
≥ 60 and < 67	D
< 60	F

Date and Time of Final Exam: Tuesday, December 6, 9:00 a.m. – 12:00 noon

(No exceptions can be made in this scheduled time.)

Note: The last day to drop a course without a WF being recorded is Thursday, October 13.

Cell Phone Policy: Please remember to turn off your cell phone prior to class.

Learning Outcomes: Students will master the fundamentals of proof techniques, including proof by contradiction, induction and the pigeon-hole principle. They will also master the concepts and be able to solve problems associated with enumeration, permutations and combinations, recurrence relations, and the groundwork for the more advanced topics of graph theory and game theory.