

Syllabus – MATH 574

Prof. Joshua Cooper, Summer I 2010

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Homepage: <http://www.math.sc.edu/~cooper>

Course Homepage: <http://www.math.sc.edu/~cooper/math574S1-10/>

Text: Rosen, *Discrete Mathematics and Its Applications*, Sixth Edition.

Class: MTWTh 10:30AM – 12:45PM, LeConte 310

Office Hours: Monday 1:00PM – 3:00PM or by appointment.

Learning Outcomes: Students will master concepts and solve problems in discrete mathematics, including propositional and predicate logic, basic set theory, induction and recursion, counting, relations, and graphs.

ADA: If you have special needs as addressed by the Americans with Disabilities Act and need any assistance please notify me immediately.

Attendance: I expect you to attend all lectures. A grade penalty will be exacted if you have an excessive number of absences (whether excused or unexcused); see the Bulletin of Undergraduate Studies:

<http://www.sc.edu/bulletin/ugrad/acadregs.html#class%20atten>.

If you plan to leave before class is over, the correct procedure is to mention this to me before I start class. It is impolite and disruptive to leave class while I am lecturing unless you have followed this procedure.

Homework: I will assign homework each week. To succeed in the course, DO (rather than read or watch) all of the homework, until you are sure that your answer is correct. ASK about the problems that cause you difficulty.

Exams: There will be one midterm exam and a cumulative final exam.

Grade Breakdown: 25% from Homeworks, 25% from the Midterm Exam, 50% from the Final Exam.

Grading Scale: A = 90-100, B+ = 86-89, B = 80-85, C+ = 76-79, C = 70-75, D+ = 66-69, D=60-65, F=0-59.

Academic Honesty: Cheating and plagiarism will not be tolerated. Violations of this policy will be dealt with according to University guidelines. See:

<http://www.sc.edu/academicintegrity/>