Time & Place: MWF, 10:10-11:00am, Sharp Lab 109
Instructor: Professor Qing Xiang
Office: 508 Ewing Hall
Email: xiang@math.udel.edu
Homepage: http://www.math.udel.edu/~xiang
Office Hours: M, W, Th 1:30–2:30pm.


Corequisite: MATH221, or MATH241, or MATH242.

Grades: You will be evaluated throughout the Fall semester by means of tests, quizzes, and homework. The homework and quizzes will usually alternate from week to week. I will usually give you homework sheets to tell you which problems are to be handed in and give a due date. You are strongly encouraged to start doing the problems when they are assigned. Otherwise you may not have enough time to finish the problems. Late homework will NOT be accepted. I will announce the quizzes two or three days before they are given. Each quiz will last about 15 minutes either at the beginning or at the end of a class. There will be no make-ups on the quizzes; make-ups for exams will be given only in preapproved situations (it is your responsibility to inform me 48 hours before the exam why you cannot take the exam and provide enough evidence).

The breakdown of the grading for the course is as follows.

Homework: 4 @ 15 pts each, giving 60 points.
Quizzes (in class): 4 @ 15 pts each, giving 60 points.
Bonus Problems: a few difficult problems, giving 20 points.
Midterms: 2 @ 100 pts each, giving 200 points.
Comprehensive Final: 180 points.

Your final grades will be based on the total number of points accumulated out of the 500 points.

Tentative Course Outline for Fall 2011

Sept.2–Oct.3, Logic, Sets, Functions, and Number Theory (Chapters 0,1,2,3,4 of the text). Midterm 1 will be in the week of Oct. 3–7.

Oct.5–Nov.4, Mathematical Induction, Recurrence Relations, and Combinatorics (Chapters 5, 6). Midterm 2 will be in the week of Nov.7–11.

Nov.7–Dec.7, More Combinatorics (Chapter 7), Graph Theory (Chapters 9, 10); if time permits, we will cover Chapter 12.

Academic Dishonesty is a serious offense. For complete information on the University’s policy on this subject, please consult the Code of Conduct section at http://www.udel.edu/stuguide/09-10/code.html#honesty