MATH 3012B Applied Combinatorics — 2006 Spring

Lecture   MW 4:35PM-5:55PM Classroom: 271

General Information

Instructor	Sang-il Oum
Email	sangil@math.gatech.edu
Homepage	`http://www.math.gatech.edu/~sangil/course/math3012/`
Office	Skiles 106
Office Hours	MW 6PM-7PM
Textbook	"Discrete and Combinatorial Mathematics", 5th edition by Ralph Grimaldi.
	This course will cover elementary techniques useful for discrete problem solving. These will include mathematical induction, permutations and combinations, inclusion-exclusion principle, recurrence relations, generating functions, and graph theory.

Grading

Grading	20% Homework, 40% Midterms, 40% Final.
	The lowest score from the three midterms will be dropped.
Midterm Exams	Feb 8 (W), Mar 8 (W), Apr 5 (W).
Final Exam	May 3, Wednesday 11:30AM—2:20PM (tentative)
	There will be no make-up exams. Exams will be "closed book', "closed notes". Calculators are not allowed in the exams. Don't forget the Georgia Tech Academic Honor Code.
Homework	Homework will be given (mostly) weekly in class on Wednesday. The assignment is due at the beginning of class on the following Monday. You may collaborate with other students. But **homework should be written by yourself independently and you must understand your solution**. Only samples will be graded.