MA340 Combinatorics

Fall 2008
Meeting Time: MTWR 1:00 - 1:50, Thomas Fine Arts 315

Text Book	Introductory Combinatorics, Third Ed., Kenneth P. Bogart, Academic Press
Instructor	Dr. Roxin Zhang, rzhang@nmu.edu
Office	New Science Facility (NSF) 3013, 227-1596
Office Hours	MTWR 11:00 – 11:50 or by appointments.
Prerequisite	CS120 and MA211.
Course Contents	Combinatorics plays important roles in other areas of mathematics such as probability and statistics as well as in applications such as computer science. This is an introductory combinatorics course, focusing on basic principles of various topics in combinatorics. Unlike calculus, combinatorics deals with discrete mathematics such as discete sets, combinations, graphs, counting, matching and so on. In this semester we will cover most sections from Chapter 1 to 5 and some special topics if time permits.
Tests/ Quizzes	Selected number of homework exercises will be collected and graded on a regular basis. There will one midterm exam and one final exam. Graded homework will count for 50% towards the grade, midterm 20%, final exam 25% and classroom attendance 5%. The final exam is on Tuesday December 9, 12-1:50.
Homework	Homework will be assigned after each lecture and most of them will not be collected. However, you must do homework and review the lectures in order to comprehend the materials that will prepare you for the quizzes and tests.
Grading	Grades are given as the Northern conventions: A, A-, B+, B, B-, C+, C, C-, D+, D, D- and F. You are welcome to check with the instructor regarding your performance any time during the semester.
Disability Statement	If you have a need for disability-related accommodations or services, please inform the Coordinator of Disability Services in the Disability Services Office by: coming into the office at 2001 C. B. Hedgcock; calling 227-1700; or e-mailing disserv@nmu.edu. Reasonable and effective accommodations and services will be provided to students if requests are made in a timely manner, with appropriate documentation, in accordance with federal, state, and University guidelines.