

Syllabus for MA 240, Discrete Mathematics

Instructor: Qinghong Zhang

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Office Hours: 2:00—2:50 MWF, and by appointment

Class Time: MWF, 2:00—2:50

Place: NSF 1209

Course Description: Logic and proof. Propositional calculus. Number theory. Algorithm and complexity of algorithms. Mathematical reasoning, induction and recursion. Permutation, combination and counting techniques. Graph theory and trees.

Prerequisite: CS120 and MA103 or equivalent.

Textbook: Discrete Mathematics and Its Application 5th edition by Kenneth H. Rosen.

Attendance: Students are expected to attend all the classes. Attendance will be taken at the beginning of the class.

Homework, Quizzes and Tests: Homework set will be assigned, collected and graded. I will drop the 2 lowest homework scores. There will be four 50-minute tests tentatively scheduled for 09/15/06, 10/06/06, 10/27/06, and 11/17/06, and a two-hour final exam (05/04/05) during final exam week. Each test counts 15% toward the final grade. The final exam counts 25%. Homework will be the remaining 15% toward the final grade. It is important to take exams and hand in homework at the scheduled time. Generally, no make-ups will be given.

Grading: 90%—100% is an A. 80%—89% is a B, etc.

Disabilities: If you have a need for disability-related accommodations or services, please inform the Coordinator of Disability Services in the Disability Services Office at 2001 C. B. Hedgcock (227-1700; TTY 227-1543). 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.