Syllabus for MA 240, Discrete Mathematics

Instructor: Qinghong Zhang
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Office Hours: 11:00—1:00, MTWR, and by appointments

Class Time: MWT, 9:00—9:50
Place: JXJ 227

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 6th 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 09/11/08, 10/02/08, 10/23/08, and 11/13/08, and a two-hour final exam during final exam week. The lowest test score will be dropped. Each test counts 20% toward the final grade. The final exam counts 25%. Homework will be the remaining 15% toward the final grade. It is important to take the quizzes, tests, and exam at the scheduled time. Generally, no make-ups will be given.

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

Disability Services 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.