# Syllabus for MA 211
# Introduction to Matrix Theory and Linear Algebra
# Fall 2004

**Instructor:** Qinghong Zhang
**Office:** New Science Facility: Room 1133
**Email:** qzhang@nmu.edu
**Tel:** 227-1511
**Office Hours:** 3:00—5:00 MTRF, and by appointment

**Class Time:** MTR, 1:00—1:50
**Place:** New Science Facility: 1209

**Course Description**: Linear Equation Systems and Matrix Algebra. Determinants. Vectors Spaces. Linear Transformations. Eigenvalues and Eigenvectors . Inner Products and Orthogonality.

**Prerequisite:** A grade of **C-** or better in MA161.

**Textbook:** Linear Algebra with Applications: 6th edition, by Seven J. Leon.

**Software:** Maple 9.5 can be loaded to your ThinkPad for free at the Help Desk in LRC.

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

**Homework, Quizzes and Tests:** Homework will be assigned for each class. Quizzes will be given on Thursdays. I will drop the two lowest quiz scores. There will be four tests tentatively scheduled for 09/16/04, 10/05/04, 10/28/04 and 11/18/04, and a two-hour final exam (12/13/04) during final exam week. Each test counts 15% toward the final grade. The final exam counts 25%. Quizzes, homework will be the remaining 15% toward the final grade. It is important to take the quizzes and exams 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.