

Syllabus for MA 211
Introduction to Matrix Theory and Linear Algebra
Winter 2005

Instructor: Qinghong Zhang

Office: New Science Facility: Room 1133

Email: qzhang@nmu.edu

Tel: 227-1511

Office Hours: 10:00—12:00 MWRF, and by appointment

Class Time: MWR, 9:00—9:50

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. There will be five tests tentatively scheduled for 02/03/05, 02/24/05, 03/17/05, 04/07/05, and 04/21/05, and a two-hour final exam (05/04/05) during final exam week. I will drop the lowest test score. 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.