

Syllabus for MA 211

Introduction to Matrix Theory and Linear Algebra

Winter 2008

Instructor: Qinghong Zhang

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Office Hours: 11:00-12:00, 1:00-2:00, MTWR, and by appointment

Class Time: MWR, 9:00-9:50

Place: NSF: 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: 7th edition, by Seven J. Leon.

Software: Maple 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 set will be assigned, collected, and graded each week. I will drop the 2 lowest homework scores. There will be four tests tentatively scheduled for 01/31/08, 02/21/08, 03/20/08, and 04/10/08, and a two-hour final exam during final exam week. I will drop the lowest test score. 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 tests 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 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