

Syllabus for MA 211

Introduction to Matrix Theory and Linear Algebra

Winter 2007

Instructor: Qinghong Zhang

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Office Hours: 12:00-1:00, 2:00-3:00, MWRF, and by appointment

Class Time: MWF, 11:00-11:50

Place: WS: 3803

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 five tests tentatively scheduled for 02/02/07, 02/23/07, 03/15/07, 03/30/07, and 04/12/07, and a two-hour final exam during final exam week. I will drop the lowest test score. 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 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 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.