Syllabus for MA 211
Introduction to Matrix Theory and Linear Algebra
Winter 2014

Instructor: Qinghong Zhang
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Office Hours: 9:00-10:00, 11:15-2:15, MW, and by appointment
Class Time: MW, 10:00-11:15


Upon successful completion of this course, a student should be able to:

- solve linear equation systems
- perform matrix operations
- describe the definition of the determinant of a square matrix
- describe the definitions of a vector space and linear transformations between vector spaces
- compute eigenvalues and eigenvectors

Evaluation of these learning outcomes will be done through assignments, quizzes, and exams.

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

Textbook: Contemporary Linear Algebra by Howard Anton and Robert C. Busby.

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. Homework will count 15% toward the final grade. There will be four tests tentatively scheduled for 02/05/2014, 02/26/2014, 03/26/2014, and 04/16/2014, and a two-hour final exam during the final exam week. I will drop the lowest test score. Each test counts 15% toward the final grade. The final exam counts 30%. Class participation and presentations will be the remaining 10%. 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.

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 at 2001 C. B. Hedgcock (227-1700). 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.