

Math 544 Course Outline

Fall 2000

MWF 10:10–11:00, Section 001

Text: *Linear Algebra and Its Applications, updated second edition*
by: David C. Lay

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Office hours: T-TH 10:30–12:00, or by appointment

Prerequisite: MATH 241

Tests: 3 one hour tests, each counting 20%, 1 Final exam counting 30%

Tentative test dates: Test 1, Friday, September 29; Test 2, Wednesday, November 1; Test 3, Monday, December 4

HW+Quizzes: 10%

Date of Final Exam: Friday, December 15, 9:00 AM

Material to be covered: Chapter: 1, 2, 4, 5 and 6

In the early part of the course the manipulative aspects of linear algebra will be emphasized: Gaussian elimination to solve linear equations and matrix methods. The course however is intended to be more than just matrix algebra. As the course progresses many of the early topics will be revisited—with more emphasis on the abstract theory of linear algebra. Proofs will be discussed in class and you will be expected to do some proofs in homework and tests.

Make-up policy: No make-ups for missed homework or quizzes (lowest 2 or 3 scores will be dropped), make-ups for missed hourly tests or final will only be given if they were missed for legitimate reasons. In this case any effort should be made to contact me as soon as possible and you might need to provide documentation to support your reasons for missing the tests.