Math 544 Course Outline

Spring 2003
MWF 12:20–1:10, Section 501

Text: *Introduction to Linear Algebra (5th ed.)*
        by: Johnson, Riess and Arnold.

Professor: Anton R. Schep

Office: LeConte 300C

Phone: 7-6190

Email: schep@math.sc.edu

Office hours: TTH 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, February 14; Test 2, Monday, March 24; Test 3, Friday, April 25.

Webpage: http://www.math.sc.edu/~schep/math544-2003.html

Homework assignments: http://www.math.sc.edu/~schep/homework544-2003.html

HW+Quizzes: 10%

Date of Final Exam: Tuesday, May 6, 2:00 PM.

Material to be covered: Chapter: 1 (except 1.4 and 1.8), 3, 4 (except 4.8), 5, 6 (only 6.2) and selected applications as time permits.

In the early part of the course the manipulative aspects of linear algebra will be emphasized: Gaussian elimation 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 quizzes or homework, 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.

Attendance policy: A grade penalty can be invoked, if more than 10% of classes are missed.