Math 544 Course Outline

Fall 2002
TTH 9:30–10:45, Section 002

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: M-W 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, Tuesday, September 24; Test 2, Tuesday, October
29; Test 3, Tuesday, November 26 (Note: this is the Tuesday before the
Thanksgiving break).
Webpage: http://www.math.sc.edu/~schep/math544.html
Homework assignments: http://www.math.sc.edu/~schep/homework544.html
HW+Quizzes: 10% (Daily homework will be assigned, but not collected. There
will a weekly quiz every Thursday, based on the homework of that week.)
Date of Final Exam: Thursday, December 12, 9:00 AM.
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 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 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.
Attendance policy: A grade penalty can be invoked, if more than 10% of classes
are missed.