

Course description
1/17/03

MAT 3000, Introduction to Linear Algebra, Spring 2003
(6th period, MWF, 1:25-2:15, Room 322)

Instructor: Robert Varley, Mathematics Department
office 446, telephone 542-2550, e-mail rvarley@math.uga.edu
Textbook: T. Shifrin and M. Adams, Linear Algebra, a Geometric Approach
Approximate Syllabus: Chapters 1-6

The purpose of the course is to provide a thorough introduction to the subject of "linear algebra", which includes: systems of linear equations, vector and matrix algebra, span, linear independence, dimension, vector spaces and linear transformations, the least squares method, and (for square matrices:) determinants, eigenvalues, eigenvectors, and diagonalization.

Grading: Homework 30%, 4 Tests 40%, Final Exam 30%
(The Test dates are: Fri., Jan. 31; Mon., Feb. 24; Wed., March 26; and Mon., April 21. The Final Exam is Monday, May 5, 7:00-10:00 pm.)

Office hours: M 8:30-10:30
Th 8:30-10:30

Other items: Regular attendance is expected. Roll is not usually taken but you are responsible for the material covered in class and all assignments and tests. All work for the class is subject to the Academic Honesty Policy of the University.