Instructor: David Singman

Office: Science and Tech I, Room 235

Office Hours: Tuesday, Thursday: 12:00-1:15pm and by appointment.

E-mail and Telephone: dsingman@gmu.edu, (703)-993-1476 You can leave a voice-mail message if I am unavailable.

Web site: A web site has been set up for the course. Make a point of often checking the homepage of the site for updates. On it I will post announcements relevant to the course, the syllabus, homework sets, tests, all solution sets, etc. You can find it by going to http://math.gmu.edu, following the link to “course home pages” and clicking on the link to our section.

Course: This is a standard first course in Linear Algebra. The topics include the following: Systems of Linear Equations, Matrix Algebra, Determinants, Vector Spaces, Eigenvalues and Eigenvectors, Orthogonality.

Text: The text is Linear Algebra and Its Applications, third edition by David C. Lay, Addison Wesley. We will cover, with some omissions, Chapters 1-6.

Grading: The grade will be based on three class tests (20% each for a total of 60%), graded homework (total of 5%), and a final exam (35%). The tests will be given in class as follows:
Test 1 - Tues. February 21
Test 2 - Thurs. March 23
Test 3 - Thurs. April 27

Practice Problems: These are included either on the back of this sheet, or on the course website. You should do each of them as the appropriate section is covered. Your work on these problems will not be collected, however, it is very important that you work each problem yourself. Mathematics can only be learned by working through problems, not by reading someone else’s solutions. Test and Homework Problems will consist of questions similar in spirit to the problems worked in class, and on the practice problems.

Final Exam: A cumulative final exam will be held on Thursday May 11, 10:30am -1:15pm.

Scale: A-, A + 90 - 100; B-, B, B+ 80 - 89; C-, C, C+ 70 - 79; D 60 - 69; F 0 - 59.