Math 222-501: Linear Algebra I , Spring 2005

Professor Emil J. Straube

Time/Loc.: MWF 9:10 - 10:00, CE 136

Office: Miln 215, 845 3721, straube@math.tamu.edu

Office hours: MWF 1:00 - 2:00

Text: S. J. Leon, Linear Algebra with Applications, 6th edition

Prerequisite: Math-152 or Math-172

Course Content: This is an introductory course in linear algebra covering the abstract concepts of vector spaces and linear transformations, as well as their applications to systems of linear equations, matrices, and determinants. (Approximately chapters 1 - 6 in the book.)

Grading Policy: There will be three exams during the semester, each worth 100 points. In addition, there will be a comprehensive final exam, also worth 100 points.

Course Syllabus:

- week 1: 1.1 - 1.2
- week 2: 1.3 - 1.4
- week 3: 2.1 - 2.2
- week 4: 3.1 - 3.2
- week 5: exam 1, 3.3
- week 6: 3.3 - 3.4
- week 7: 3.5 -3.6
- week 8: 4.1 - 4.2
- Spring Break (March 14-18)
- week 9: 4.3, exam 2
- week 10: 5.1 - 5.2
- week 11: 5.2 - 5.3
- week 12: 6.1 - 6.2
- week 13: exam 3, 6.3
- week 14: 6.3 - 6.4
- week 15: 6.4 (time permitting)