

Math 121
Linear Algebra
Spring 2008

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Office Hours: MWF 2:00-3:00 (other hours by appointment—email me and we can set them up).

Text: *Elementary Linear Algebra, with Applications, Ninth Edition*, by Kolman and Hill.

Grades: The final grade in the class will be computed using a weighted average on Homework and Quizzes (15%), Exams (40%) and the Final Exam (45%). To get complete credit on any problem, complete work must be included. Work must be neat and organized to receive credit. Grades will be computed on a ten point scale (i.e., 93.33 -100 → A, 90-93.32 → A-, 86.66-89.99 → B+, 83.33-86.65 → B, 80-83.32 → B-, etc.).

Homework and Quizzes: Homework will be due as assigned. Late homework will not be accepted without prior approval. Quizzes may either be announced or unannounced.

Exams: The first exam is scheduled for Wednesday, February 13 (chapters 1, 2 & 3.1-3.3). The second exam is scheduled for Monday, March 31 (chapters 1, 2, 3 & 4). The final exam is scheduled for Tuesday, May 6 at 9 a.m. Portions of any exam may be take-home.

Any missed exam, including the Final Exam, will result in a score of 0 without prior approval. I reserve the right to make changes to the dates of the exams and topics of exams, as necessary. Any changes will be announced in class. Please be sure to attend class regularly to get any announcements concerning the exams.

Topics: We will cover the following chapters of the text: Chapter 1 (Linear Equations and Matrices), Chapter 2 (Solving Linear Systems), Chapter 3 (Determinants), Chapter 4 (Real Vector Spaces), Chapter 5 (Inner Product Spaces), Chapter 6 (Linear Transformations and Matrices) and Chapter 7 (Eigenvalues and Eigenvectors). Additional sections of the text and other mathematical topics will be discussed and tested as time permits.