800:076 Linear Algebra for Applications
Section 1: 11:00-11:50 MWF, WRT 8
Section 2: 12:00-12:50 MWF, WRT 8
Fall 2005

Text: Linear Algebra: A modern introduction, 2nd ed. by David Poole, published by Brooks/Cole. (ISBN 0-534-99845-3) The core of the course is chapters 1-5; parts of chapters 6 and 7 will be added as time allows. In addition to learning the concepts, calculations and applications of linear algebra, we'll explore how to approach and study more abstract mathematical ideas, including how to read and write proofs.

Technology: We'll be using both Maple 10 and graphing calculators in class and for homework. A TI-86 is required, though a different graphing calculator that duplicates the features we use is acceptable.

Contact Information: Dr. Suzanne Riehl
WRT 330
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Office Hours: 2:00 MWF and other times by appointment. If the “official” time isn’t convenient, let me know when you’d like to meet.

Grades: Course grades will be based on 3 exams (100 points each), classwork, quizzes, and homework (150 points), and a cumulative final exam (150 points). Grade cut-offs are 90%, 80%, etc., though these may be lowered. Too many absences (i.e., more than 3) may lower your grade. In particular, you would be ineligible for lower grade cut-offs.

Tenative exam dates are Monday, 9/19 (Ch 1, 2), Friday, 10/14 (Ch 3) and Wednesday 11/16 (Ch 4, 5). These dates may change! The final exam is 10:00–11:50 a.m. on Tuesday, December 13 for Section 1 and 1:00-2:50 p.m. on Monday, December 12 for Section 2. If you miss class, you are responsible for finding out what material/announcements you missed. In order to make up an exam, you must contact me prior to the exam time and have a bona-fide excuse. Leave a phone message or email if you can’t speak to me in person. There are no make-up quizzes.

Some homework and quizzes will be “collected” via WebCT. To access WebCT, go to http://webct.uni.edu. Your username is the same as your UNI username (the first part of your UNI email address) and your initial password is your UNI identification number (on your ID). Note that if you have ever used WebCT at UNI in the past, your password is what you previously used.

ADA: Instructional accommodations due to disabilities must be arranged through the Office of Disability Services. The ODS is located at 213 East Bartlett, 273-2676.

Extra Help: I encourage you to work with classmates outside of class. Make use of my office hours. Also, the Math Lab in WRT 338 is staffed by mathematics graduate students and majors.