Introduction to Linear Algebra Math 250, Section B2 Summer 2014

Ross Berkowitz

Basic Info

- Time and Location: MTW/H 12:30-2:20PM SC-216
- Teacher: Ross Berkowitz Office: Hill 521 Office Hours: TBA
- **Textbook :** Spence, Insel, & Friedberg: *Elementary Linear Alegebra: A Matrix Approach, 2nd Edition* (The authors have supplementary material at http://cwx.prenhall.com/bookbind/pubbooks/spence/)
- **Course Topics**: Systems of linear equations, Gaussian elimination, matrices and determinants, vectors in two- and three-dimensional Euclidean space, vector spaces, introduction to eigenvalues and eigenvectors. Possible additional topics: systems of linear inequalities and systems of differential equations.
- Prerequisites Calculus II

Course Policies

- Attendance: Attendance for all classes is mandatory. It is important to emphasize that summer classes move much faster than normal courses, and absences are therefore very costly.
- Homework: A list of homework problems is posted on the course website (www.rutgers.edu/~rkb73/Su2014-250). You are expected to try a sampling of these problems after the appropriate class. In addition there will be an assignment given every week, which will be collected and graded. Late homework will not be accepted. To account for inevitable conflicts, the lowest homework grade will be dropped.
- Quizzes: There will be occasional (and potentially unannounced) quizzes given at the beginning of lectures. There will be no makeup quizzes, but the lowest two quiz grades will be dropped at the end of the semester to account for unavoidable absences.
- **Exams:** There will be 2 midterm examinations and one final exam. Midterm exams will be 80 minutes in class. The dates will be **June 9**, **June 23**, **and July 3** respectively. Makeups will only be allowed if appopriate reason is given, and the teacher is notified at least one week in advance (preferably more).

• **Grading:** Grading will be determined by homework, quiz, and exam grades. The weight given to each component is as follows:

Homework	5%
Quizzes	10%
First Midterm	25%
Second Midterm	25%
Final Exam	35%