1. Syllabus

- **Text:** Elementary linear algebra (Andrilli and Hecker) and Linear Algebra Done Right (Sheldon Axler). Both of these books are available as pdf downloads from the library.

- **Instructor:** Andrew J. Blumberg  
  RLM 10.160  
  blumberg@math.utexas.edu

- **Office hours:** Tuesday 4-5 pm and Wednesday 4-5 pm, or by appointment.

- **Overview:** This course has three main goals:
  (i) To provide an overview of elementary linear algebra,  
  (ii) to provide an introduction to proofs, and  
  (iii) to provide an introduction to mathematical abstraction.  
  The lectures will proceed through the first two chapters of Andrilli and Hecker (with some omissions) and then transition to Axler; we will go as far as we can.

- **Prerequisites:** M408D with a grade of at least a C.

- **Grading policy:** The final grade will be determined based on:  
  (i) Homework, 15%,  
  (ii) quizzes 10%,  
  (iii) two midterm exams at 20% each (total of 40%), and  
  (iv) the final exam 35%.  
  Plus/minus letter grades will be assigned.

- **Homework policies:** Homework will be assigned every Thursday, and due by 5 pm the following Friday. Late homeworks will not be accepted. The lowest two homework scores will be dropped.  
  I encourage working in groups to solve the homework problems. However, do not write down anything that you do not understand. A good rule of thumb is that if your homework was destroyed by fire, it should be easy for you to rewrite it without help from anyone else.

- **Attendance:** I expect that students will attend all classes. Although attendance is not explicitly used for determining grades, in-class quizzes will be given frequently; no make-ups quizzes will be given.
• **Midterms:** There will be two in-class midterm exams during the semester. The dates of these exams are: Tuesday, February 16th and Tuesday April 5th. No make-up exams will be held.

• **Final exam:** The final will be held Friday, May 13, from 2:00–5:00 pm.

• **Class web site:** Handouts, homework, and other miscellaneous announcements will be posted to the class website at:
  
  http://math.utexas.edu/ blumberg/341.html

• **Students with disabilities:** The University of Texas at Austin provides upon request appropriate academic accommodations for qualified students with disabilities. For more information, contact the Office of the Dean of Students at 471-6259, 471-6441 TTY.