

Mathematics 4305AG/AU/Video  
Topics in Linear Algebra  
Spring Semester 2008

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**1. General Information.** This information sheet, as well as assignments and other course information, is posted at [www.math.gatech.edu/~andrew](http://www.math.gatech.edu/~andrew).

Math 4305AG/AU meets at 11:05 – 11:55 on Mondays, Wednesdays, and Fridays. Office hours will be Monday, Wednesday, and Friday from 9:30-10:30.

**2. Text and Material.** The text for this course is *Linear Algebra and its Applications, fourth edition*, by Gilbert Strang. We will cover pretty much the entire text, along with additional material on special topics chosen by the instructor.

**3. Homework and Tests.** Homework will be assigned, and will be due every week or so on Friday. For in-class students a proper subset of each assignment will be graded. Homework assignments for video students will not be graded, but I strongly urge you to do all of the assigned problems. I would be happy to answer questions by phone or email. An email question such as "I'm stuck on the problem on page 266" is pretty tough for me to answer unless I have the book handy, so when asking questions by email, please carefully state your questions, without referring to problem numbers or page numbers in the text.

You may use computers and calculators on homework, but be sure to explain your work. I will assign a "homework team" to each assignment. They are to show me their solutions on the Wednesday before the assignment is due, and I will post their solutions on the web.

There will be three hour tests and a final exam. Tentative dates for hour tests are

Hour Test 1	11 February
Hour Test 2	10 March
Hour Test 3	14 April

I discourage make-up exams, and any make-up tests must be approved in advance by me.

**4. Grading for On-Campus (AU/AG) students.** The hour tests, homework, and final examination will be counted with the following weights.

Hour Tests	50%
Homework	10%
Final Examination	40%

Letter grades will be based on the overall average at the end of the term, with letter grade cutoffs at least as favorable as 90, 80, 70, 60.

**5. Special Procedures for Video students.**

- You should take tests according to the procedures outlined by the Distance Learning Office.
- Since I want to be able to discuss homework in class, homework will not be graded for video students. For video students the hour tests will count 20% each and the final will count 40%.

Letter grades will be based on the overall average at the end of the term, with letter grade cutoffs at least as favorable as 90, 80, 70, 60.

**6. Honor Code.** Please review the Georgia Tech Honor Code. All examinations in this course will be closed book. You may discuss homework with each other, but I expect you to write your solutions yourself. The work you ultimately submit must be your own.