

Mathematics 4305AG/AU/Q/Q1
Topics in Linear Algebra
Summer Semester 2004

Alfred Andrew
Skiles 164, 404-894-2719, andrew@math.gatech.edu

1. General Information. This information sheet, as well as assignments and other course information, is posted at www.math.gatech.edu/~andrew.

Math 4305AG/AU meets at 10:40 – 11:50 on Mondays, Wednesdays, and Fridays. Office hours will be Monday, Wednesday, Friday 12:30 - 1:30.

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

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 pleased to answer questions by phone or email. You may use computers and calculators on homework, but be sure to explain your work. There will be two hour tests and a final exam. Tentative dates for hour tests are

Hour Test 1	4 June
Hour Test 2	9 July

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 (Q/Q1) students.

- a. You should take tests according to the procedures outlined by the Distance Learning Office, but I would like you to also **fax your tests directly to me at 404.894.4409**.
- b. 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 30% 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 are closed book. No notes may be used. You may discuss homework with each other, but we expect you to write your solutions yourself. The work you ultimately submit must be your own.