

**Math 103 Summer 2007**

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**Text:** Linear Algebra and it's Applications, third edition. David Lay

**Content:** This is a first course in Linear Algebra. We will cover systems of equations, matrices, determinants, vector and vector spaces, inner product spaces, eigenvectors and eigenvalues, linear transformations and applications.

**Office Hours:** Monday – Thursday: 12:30 – 1:30 (Math Lab HH 218/219)

<b>Grading:</b>	Homework	: 10%	A: 90%
	Quizzes	: 10%	B: 80%
	Labs	: 10%	C: 70%
	3 Exams (14% each)	: 42%	D: 60%
	Final	: 28%	

**Homework:** Homework is assigned for all of the sections that we will cover and will be collected periodically. Homework is a very important part of this course. I feel that it is more serious in this class than in other Mathematics courses that you have had up to this point.

**Quizzes:** Quizzes will be given periodically. I may or may not give advance notice. You can expect these quizzes to be similar to the homework.

**Labs:** There will be approximately 6 computer labs. We will be learning to use the program Matlab. Matlab is on all of the computers in the Math Lab (HH-219).

**Exams:** We will have 3 in class exams. Exam dates will be announced about one week in advance. Make-ups for exams are strongly discouraged. If you know that it is absolutely impossible for you to make it to class on an exam day, a make-up exam must be done prior to the exam date. Once the class has taken the exam, NO make-ups will be given for any reason.

**Final:** The final is cumulative and scheduled for the last day of class, August 2.

**Calculator:** Students in this class are required to have a Graphing/Programmable calculator that is capable of matrix computation. I will be using the Texas Instruments line of calculators.

**One note about grades:** Grades in this class based on your performance and how it compares to the grading criterion laid out here. Grades are not assigned based on what another college has told you that you must receive in order to be accepted. As a result, you are responsible for earning the grade required. I will frequently update you with your current grade in the class. Bottom line: If you want an A, then finish the semester with at least a 89.5% because a 89.4% earns you a B.

If you wish to drop this course then you must do so according to the guidelines in the Schedule of Classes.

As a courtesy to me and the other students in the class, I expect you to be on time and refrain from any unnecessary or inappropriate talking during class. I also expect all pagers and cell phones to be turned off before class begins each day.

Cheating and other forms of Academic Dishonesty, in any form, will NOT be tolerated. Copies of the Policy on Academic Dishonesty are available on the information rack in Building 1 and from the Vice President, Student Services and ASOC offices.

Please keep in mind that it is my job to teach you this material, it is up to you to make sure that I am doing my job. Don't hesitate to ask questions or to come and see me in my office or before/after class.