MATHEMATICS 2210Q-001 and -004 APPLIED LINEAR ALGEBRA Fall 2009

The University of Connecticut/Storrs
Prerequisite: MATH 1122Q or 1132Q
Instructor: Professor Gerald M. Leibowitz
Text: Linear Algebra and Its Applications, 3rd edition, updated
by David C. Lay (Pearson/Addison-Wesley, 2006); ISBN 0-321-28713-4

Although the other Mathematics 2210 classes this semester will probably have two exams, quizzes or graded homework, and a final exam, I anticipate having three in-class exams and a final exam, but no quizzes or collected homeworks. Exam 1 will cover Chapter 1 of the text and will be on Monday, September 28, 2009, which is Day #12 of the 41 scheduled class meetings this term.
Exam 2 is scheduled for Friday, October 23, 2009. Information about the exam can be found here. .
Exam 3 is scheduled for Friday, November 20, 2009. Information about the exam can be found here.

Final examination information.

- Final exam problem by problem breakdown.
- Final exam coverage.

Although no homework will be collected, the students are urged to work all of the assigned homework exercises,
including those that ask for explanations in mathematical/English sentences that make sense and those that require students to devise and write up proofs. Linear algebra is a subject in which there are very few methods but one where it is essential to understand the theory and to be able to write results in full sentences in order to make sense of the calculations.

Grades. each student will receive a numerical grade determined as follows. Calculate Average 1 = (Exam 1 score + Exam 2 + Exam 3 + Final exam)/4 and Average 2 = (Exam 1 score + Exam 2 + Exam 3 + twice Final)/5; Student's average = larger of Average 1 and Average 2. The translation to letter grades will be close to 90+ = A, 88-89 A-, 84-87 = B+, etc., but occasional adjustments up or down may occur.

Homework assignments can be found here. Although it is listed, we will probably not cover Section 2.4: Partitioned Matrices.
Some notes about topics in the course and solutions to selected homework exercises: Table of Contents.

Final Exam days and time (probable but subject to change).
Section 001 (11 AM class): Wednesday, December 16, 2009; 10:30 AM - 12:30 PM .
Section 004 (Noon class): Monday, December 14, 2009; 1:00 - 3:00 PM

Last revised November 30, 2009. //GML //