MATH 2210Q-Applied Linear Algebra
Spring 2011

Course Outline Assigned Homework Q-Center

Instructor Information

Instructor: Ji Li
Website: www.math.uconn.edu/~jili
Email: ji DOT li AT uconn DOT edu
Office: MSB 201 Office Hours: TuTh 10:45-12:15 or by appointment.

Course Information

Textbook
Linear Algebra and its Applications, by David C. Lay, 3rd edition (Update).

Course Description
The course is an introduction to the techniques of linear algebra with elementary applications. Topics include systems of equations, matrices, determinants, linear transformations on vector spaces, characteristic values and vectors, from a computational point of view.

Prerequisites
MATH 1132(116), 1152(121 or 136), 2142(244). Recommended Preparation: grade of C- or better in MATH 1132(116). Not open for credit to students who have passed MATH 3210(215).

Homework and Quizzes
Homework is assigned, but not collected. It's hard to imagine how a student will succeed without doing homework. Quiz problems will be taken from homework problems. There will be one quiz given every week (either the first or second class except exam weeks) on the previous weeks assigned homework. There are NO MAKE-UP quizzes. Considering the possibility for some students missing quizzes for acceptable/unacceptable reasons, two lowest quizzes (including missed quizzes) will be dropped.

Calculator Policy
You may want to use them while working on some homework, but do not become dependent: Calculators will NOT be allowed on quizzes or exams unless officially pronounced beforehand. Quiz and exam questions will be carefully crafted to avoid too much messy arithmetic.

Exam Schedule and Guidelines
There will be two in-class exams during the semester and a Final exam. NO MAKE-UP EXAMS unless there is a very serious emergency for which you provide proof.

Exam schedule	Materials covered
Exam 1:Week 7 Feburary 28-March 4, In class	Materials lectured before the exam
Exam 2:Week 12 April 11-April 15, In class	Materials lectured between Exam 1 Exam 2
Final Exam: The TuTh Class: 2210Q 005 05/03/2011 T 01:00 PM~03:00 PM MSB 311; The MW Class: 2210Q 007 05/04/2011 W 03:30 PM~05:30 PM MSB 319.	Accumulative UConn Final Exam Policy.

Grading Policy
Quizzes: 25%; Midterm Exams: 20% EACH; Final Exam: 35%

Extra Help: The Q Center and Textbook Website

I encourage you to come to my office for help during office hours, and I will be happy to find other times when we can meet if my office hours schedule does not fit your schedule. However, there may be times when you need help and I am not available. A good source of extra help is the UConn Q Center. Check their website for hours and locations. In addition to drop-in free tutoring, the Q Center also maintains a list of private tutors. An online source of additional practice exercises, review sheets, and exam samples with solutions, is the **Student Resources** located on your textbook website: http://wps.aw.com/aw_lay_linearalg_updated_3/.

Special accomodations for athletes and students with disabilities:

Inform me as soon as possible of your commitments as an athlete and/or any special needs that you have. You will be expected to bring a letter from the Athletics Department or the Center for Students with Disabilities.

Academic Integrity:

From the UConn Policy on Academic Misconduct: A fundamental tenet of all educational institutions is academic honesty; academic work depends upon respect for and acknowledgment of the work and ideas of others. Misrepresenting someone else's work as one's own is a serious offense in any academic setting and it will not be condoned. Sanctions shall include, but are not limited to, a letter sent to the Dean of Students of the University; a grade of 0 on the assignment, quiz or exam; a grade of F for the course.

Additions:

Midterm1: **Review Sheet**; **Practice Exam1**

Practice Exam1 Solutions: This includes answers for check only. But in the actural exam, show all work to justify the answers.

Miterm1 solutions for the M/W class

Miterm1 solutions for the Tu/Th class

Midterm2:

Review Sheet; **Midterm2 Solutions**;

Final:

Fianl Review Sheet;