MA 351 – 0101 & 0301
Elementary Linear Algebra
Spring 2003

Instructor: C-Y. Jean Chan
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   Office: MATH 746, 496-2690
   Office hours: Mon. 3:30-4:20 PM & Tue. 2:00 - 4:00 PM, or by appointment

Class Time : MWF 8:30 - 9:20 AM & MWF 2:30 - 3:20 AM

Class Place: REC 113

Text: Linear Algebra, Ideas and Applications by Richard C. Penney; Wiley.

Goal of the Course: This is a course for students in the School of Science, including math majors. The course should give the students a thorough knowledge of the relevant algorithmic skills, a firm intuitive knowledge of the main ideas (such as subspaces, dimensions, bases, linear independence) and a gentle introduction to proofs in linear algebra. The math majors (except for math ed students) will go on to take MA 353, which is a second course in linear algebra, and will learn more about proofs there.

Prerequisite: MA 261.

Homework: Homework will be collected on every Wednesday in class starting the second week. There will be an assignment sheet for each chapter available on my web page. The weekly assignment will be announced in class. In order to keep up with the material presented in class, homework should be done daily. You are encouraged to visit the instructor and ask questions about it while you are working on it and after it is graded. Late homework will not be accepted for full credits; instead, it will receive 40% of the maximum credits for completion.

Quizzes and Attendance: There are quizzes on most Fridays starting from the second week. The weeks with midterm exams and the last week of the class will not have any quiz. Missing quizzes are counted zero and may not be made up in any case. The lowest two quiz scores will be dropped at the end of the semester in case there is any event or illness which cannot be avoided through the semester. No attendance will be taken in class but students are responsible for knowing the material, assignment, etc. presented in class and the date of the exams announced in class.
**Exams:** There will be two midterm exams during the semester and a final exam at the end of the semester. The dates and places will be announced later. Absolutely no make-up exams will be given without prior permission of the instructor. Validity of excuses is determined by the instructor. If an emergency happened on an exam day, a notice within 24 hours is required in order to make up the exam which is missed. No calculators are allowed in the midterm and final exams.

**Grades:** The course grade is based on the following weight:

- Two midterm exams: 50%
- Final exam: 25%
- Homework and quizzes: 25%

**Academic Adjustments for Students with Disabilities:** Students who have been certified by the Office of the Dean of Students-Adaptive Programs as eligible for academic adjustments should go to MATH 242 and request an Information Sheet for this semester, that explains how to proceed this semester to get these adjustments made in Mathematics courses. **This should be done during the first week of classes.** Only students who have been certified by the ODOS-Adaptive Programs and who have requested ODOS certification letter are eligible for academic adjustments.

Students who are currently undergoing an evaluation process to determine whether they are eligible for academic adjustments, are encouraged to find out **now** what procedures they will have to follow when they are certified, by requesting the above mentioned Information Sheet from MATH 242.

Large print copies of the *Information Sheet* are available from MATH 242 upon request.

**Others:** Please be responsible for the important dates such as the last days for a student to drop a course with certain conditions.