Linear Algebra Syllabus (2010 Spring)

General information:

Class: Linear Algebra, MAT 2233:02S

Instructor: Dr. Fengxin Chen

Class Time and Classroom: TR 9:30-10:45 pm, MS 2.02.12

Office and Phone: SB 4.02.58, 458-5696

E-mail address: Fengxin.Chen@utsa.edu

Class page in internet: http://zeta.math.utsa.edu/~yrz223/courses/linear_algebra.html

Office hour: TR 11:00 am-11:50 am or by appointment (Or by simply dropping in. Any time, you are welcome if I am in my office.)

Prerequisite: Calculus III (MAT 2213) or Applied Engineering Analysis (EGR 2323) or Equivalent


Objectives: MAT 2233 is a traditional mathematics course that includes the study of systems of linear equations, linear transformations, vector spaces and subspaces, matrices and matrix algebra, determinants, eigenvalues and eigenvectors. Students will be expected to demonstrate understanding in these areas and to develop effective problem solving skills.

Reading: It is important to read the text carefully before a given section is covered in class. Check the syllabus to determine which section will be covered. Read a section all the way through once and then come back to points of interest. I will ask you questions about the text on the quizzes.

Attendance: Attendance will not be taken but it is crucial for several reasons. First and foremost, you will gain a better understanding of the material by coming to class. Second, homework review will be given randomly during a week. In addition, changes in the syllabus or schedule may occur and will only be announced in class.

Class Policy: Your grade will be based on homework and quizzes (10%) and 2 exams (45% each). Homework will be assigned daily and students are expected to finish it before the next class day. Quizzes will be given randomly in class and will cover your reading assignment (see above) and your homework problems. There will be no late or make-up work accepted for homework, quizzes or exams, even if you add the class late, get sick, etc. However, total of 3 lowest quiz/homework scores will be dropped for every student. If you must be gone on an exam day, make arrangements with me at least two days before the exam date so that you can take it before you leave.

Grading Scales (by percentage):

A 90—100  B 80—89  C 70—79  D 60—69

Save all of your graded homework and exams. We will use this scale to determine your final letter grade, and curving of grades is hardly possible. But if your total grades is on the border line of two levels, your extra points in tests and your performance in class will be considered for a possible promotion to the next level.

Math Lab: You can go to math tutorial lab for help for your homework. There are TAs available.