ECON 1078-003
Math Tools for Economists I
Fall 2002

Instructor: Xiaoyang (Maggie) Chen
Lecture Time: MWF 12:00-12:50
Classroom: CLRE 207
Office: Econ 307
Office Hours: MWF 11:00-12:00 and by appointment
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Course Description

This course is meant to give you the beginning tools that you will need to further your development as an economist. It is the first course in a two-course sequence. The course will be divided into two parts. The first will provide you with some preliminaries such as algebraic operations, equations, graphs and functions, and the exponential and logarithmic functions. In the second, we will focus on additional tools in economics such as systems of linear equations, matrices, linear inequalities and probabilities. After completing this course you will be prepared to take the second course in the sequence that will focus mainly on the Calculus. After completing this sequence you will have the tools to better understand the mathematical framework which is the language of economics.

Text

3) A scientific calculator is required for this course.

Grading

1) Midterm 1: 25%
   Midterm 2: 25%
   Final: 25%
   Homework: 25%

All of the exams, i.e., the two midterms and the final, are required and each exam counts 25% toward your final grade. The homework will contribute 25% to your final grade as well. The dates of exams will be discussed in classes and announced at least ten days before occurrence either in class or via group email.
2) Grade ranges:
   93---100 A
   90---93 A-
   86---89 B+
   83---85 B
   80---82 B-
   76---79 C+
   73---75 C
   70---72 C-
   66---69 D+
   63---65 D
   60---62 D-
   Below 60 F

Tips

1) You are expected to practice on homework questions carefully and thoroughly, and are encouraged to work with your classmates. These assigned questions are related to the exams.
2) Read the material in advance of lectures. Try to understand most of the materials during the lecture. Try to practice as much as you can. You can find a lot of exercises in your textbook. If you do not understand something, come to my office hours and I will help you out, but never leave it unclear.

General policies

1) It is the students' responsibility to take control of their own education. If you are having problems, I am more than willing to help you. You just need to approach me at some point.
2) No make-ups will be given unless prior permission is obtained and only in extremely extenuating circumstances.
3) The college will make reasonable accommodations for persons with documented disabilities. Students should notify the Counselor for Students with Disabilities, Disability Services Office, located in Willard 322 (phone 303-492-8671) and their instructors of any special needs. Instructors should be notified the first day of classes.