ECON 1078-100
Math Tools for Economists I
Term A, Summer 2002

Instructor: Xiaoyang (Maggie) Chen
Lecture Time: MTWRF 11:00 am --- 12:35 pm
Classroom: ECON 117
Office: Econ 307
Office Hours: TR 9:30-11:00 am and by appointment
E-mail: xiaoyang.chen@colorado.edu (the best way to get in touch with me)
Website: http://ucsub.colorado.edu/~xxchen/econ1078.html

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) Exam 1: June 7th
   Exam 2: June 14th
   Exam 3: June 21st
   Exam 4: June 28th
   Final: July 5th
All the exams including the final exam will take place on Friday of every week. Each exam will cover everything from that week that we get through until Thursday. You are required to take the final, but allowed to drop one of the first four exams.
Altogether you will have four scores combined to calculate your final grade in this class. Each of these three grades counts 25% of your final grade in this class.

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 will be assigned with some practice questions, which will not be graded. You are expected to practice on assigned questions carefully and thoroughly, and are encouraged to work with your classmates. Although the assignments will not be graded, I will answer all questions about them (if you ask) during the first 5-10 minutes each class. 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. Read the book and do problem sets every time after class. 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 final is mandatory. It cannot be replaced with any other exam under any circumstances.

4) 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.