ECON 1078-002 Mathematical Tools for Economics I (Fall 2001)

Time: TR 8:00 am---9:15 am
Classroom: BESC 185
Instructor: Yin He
Office: Econ 401
Phone: 492-7116
Office Hours: T & TR 9:30 am---10:45 am and by appointment
E-mail: yin.he@colorado.edu (best way to get in touch with me)

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:

A scientific calculator is required for this course.

Grading:
1) There will be one midterm exam following chapter 4, worth 30% of the final grade
2) Cumulative final exam worth 50%
3) 4 quizzes worth 15% (count the highest 3, 5% each, or you can miss at most one)
4) 5% will be given for participation and attendance.

Some tips:
1). You are expected to work on the assigned problems carefully and thoroughly, and are encouraged to work with your classmates. All questions on exams and quizzes will come directly from the homework problems assigned.
2). Read the material in advance of lectures. Try to understand most of the material during the lecture. Read the book and do problem sets every day. If you do not understand something, come to my office hours and I will try to help you, 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. If you miss an exam, you will be given a zero.
3) The Final is cumulative and 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.