Math Tools For Economists I   ECON 1078-004

Instructor: Mark Valkovci
mark.valkovci@colorado.edu
appt.
website: Canvas

Office Hours
TWR: 2-3pm/ by

ECON 306

Lecture: MWF 1:00-1:50 pm

Course Content:
This course builds an understanding of the basic mathematical tools used in the economic field. As an applied course, there will be plenty of hands-on practice using examples that relate to both real world and common economic problems. The topics covered in this course will range from algebra to the basics of differentiation. The goal of this course is to provide students with a strong mathematical foundation in order to prepare them for future economics courses.

Prerequisites:
There are no prerequisites for this class

Required and Recommended Materials:
Required: Calculator. At least scientific level. Graphing calculators work fine.

Recommended:
Essential Mathematics for Economic Analysis 3rd edition by Knut Sydsaeter and Peter Hammond
This is the textbook that I will be using for this class. *This textbook is not required*, but can be a helpful resource. Finding a used copy, renting one or finding it in the library are the suggested ways to utilize this resource

Homework:
Homework will be given weekly in the form of worksheets. These worksheets are to be printed out and returned by the due date assigned in class. I will post due dates as well as reminders on Canvas, *but all homework will be turned into my office or to me in person.* Late assignments will not be graded or awarded any credit unless previous accommodations have been made.

Quizzes:
This class will not have any midterms. Instead, biweekly quizzes will be given to assess student understanding of the material. (Note: This method mean less cramming and stressing before large exams, and allows me as an instructor to have a better sense of what concepts students may be struggling with. These quizzes will always be given on Fridays unless otherwise noted in class. I will drop the lowest quiz score for each student at the end of the semester.

Final Exam:

There is a mandatory, cumulative final exam for this course.