

Course Syllabus

A. Course Description and Objectives

This course is intended to provide the student with a concise overview of the elementary mathematical techniques that have proved useful in economics. The well-prepared student will find that much of this course is a review of material that can be learned in the following courses: Math 112, Math 113, Math 343, and Math 344. The disadvantages of Economics 486 compared to the math sequence are (1) many topics from the math sequences are necessarily deleted, and (2) the instructor is not a mathematician. The advantages of Economics 486 compared to the math sequence (from the point of view of an economics major) are (1) the course is more condensed, (2) the course focuses on the results that have proved most useful to economists in the past, and (3) the instructor is an economist. Students contemplating graduate school in economics such also take the math sequence.

B. Class Policies (No exceptions)

1. Grading will be on the basis of a midterm examination (30%), a final examination (60%), and homework (10%).
2. Students, present and absent, are responsible for all announcements made in class.
3. There are usually no make-up examinations. Rare exceptions must be arranged in advance. Make-up exams are never given early. The Midterm Examination will be given on November 2 in class. The instructor believes the final examination is scheduled for December 16 at 7:00 P.M., but check the Final Exam schedule to be sure.
4. Homework turned in late will receive no credit under any circumstances.

C: Course Outline

The course will closely follow the textbook.