

# EC 505: Elementary Mathematical Economics

**Professor Pankaj Tandon**  
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**Fall 2008**  
**MW 8:30 -10, CAS 313**  
**Office Hours:**  
**MW 10-11, W 2-3**

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Office Hours: T 2:00-3:30, Th 3:30-5:00  
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**Overview:** This course is a remedial or review course in Mathematics for Economists. That is, it is a course in Mathematical Methods, with applications and illustrations drawn from Economics.

**Prerequisites:** You must have taken courses in intermediate microeconomics and macroeconomics. Some previous experience with calculus is also highly desirable.

**Examinations and grades:** Your grade will be determined as follows:

- 20% on required problem sets,
- 20% on a first in-class **mid-term exam (to be held on October 6)**,
- 20% on a second in-class **mid-term exam (to be held on November 12)**, and
- 40% on a **final exam (to be held on Thursday, December 18, 12:30-2:30)**.

Examinations will be closed-book. Make-up examinations are offered only in the case of extreme and documented emergencies. **No make-up final examinations will be given to accommodate travel plans that conflict with the assigned final exam date. Please make your travel plans NOW.** University policy also requires me to remind you that you are expected to be familiar with the CAS Academic Conduct Code, and that I am required to report all violations of this to the Dean's office.

**Problem Sets:** There will be regularly assigned problem sets which must be turned in on their due dates. Late problem sets will not be accepted. You are encouraged to work together on the problem sets, by actively discussing approaches to solutions (**not by copying one another's work!**).

**Textbook:** The lectures will form the backbone of the course and they constitute the most essential reading. The required textbook for the course is:

**Kurt Sydsaeter and Peter Hammond: *Essential Mathematics for Economic Analysis***, Prentice-Hall, 2<sup>nd</sup> edition, 2006.

We will cover all the material in the book. In addition, if time permits, we will cover some additional topics, with reading to be provided later in the semester.

**Contacting me:** My office hours (posted above) are times when you can stop by my office without an appointment to ask questions or otherwise discuss issues that come up. In addition, I check my email several times a day and generally respond promptly. You can use this method to ask questions, or to set up appointments.