

AAE 635

Applied Microeconomic Theory

Syllabus

Fall 2007
Tuesday-Thursday, 11-12:15
B30 Taylor Hall

WEB page: www.aae.wisc.edu/aae635/main.asp

Instructor:

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Prerequisites:

Intermediate Micro (Econ. 301), and two semesters of calculus.

Overview:

This is a course in microeconomic theory, with a focus on the analysis of microeconomic behavior of firms and households. After a quick review of basic mathematics, the course makes use of mathematical tool to analyze representations of economic behavior, with a focus on dual approaches to economic analysis. It emphasizes the analysis of production behavior, consumption behavior, and economic efficiency. A set of homework (about one every two weeks) illustrates the usefulness of the concepts in economic analysis.

Textbook:

The text for the course is: Eugene Silberberg and Wing Suen, "The Structure of Economics: A Mathematical Analysis," Third Edition, McGraw-Hill, 2001. A review of basic mathematical tools is provided in chapters 2, 3, 5 and 14. The course will focus on chapters 4, 6-8, 10. Topics in chapters 11-13, and 17-19 will also be covered.

Grading:

Grading will be based on two exams (a midterm and a final), and the set of homework. Students may collaborate on the homework, but each student must submit his/her own answers to problems. The final grade will depend on the mid term exam (30%), the final exam (40%) and the homework (30%).

Office Hours:

I will be available during the semester on Tuesday and Thursday 10-11 a.m. If this time is not convenient, please send me an Email to arrange for an alternative time to meet.