Professor Silke Januszewski
Office: Economics 229
Office hours: Wed 3:30 – 5 pm or by appointment
Please check T.A. office hours on the course web site.
Please contact the T.A.s first if you have questions on the class material or the homeworks.

Syllabus for Econ 170B, Intermediate Microeconomics for Management Science
Winter 2005

Primary Textbook:
Nicholson, W., *Microeconomic Theory*, 9th edition.

Secondary Textbook (relevent chapters from this book will be put on e-Reserves):
R. S. Pindyck and D. L. Rubinfeld, *Microeconomics*, 6th edition, Prentice Hall.

This course is a continuation of Econ 170A and assumes familiarity with the topics taught in that course. The course outline is as follows:

I.   **Introduction and Review**
II.   **Pricing with Market Power** (Nicholson, pp. 397-404 and P&R, pp. 381-403, 415-423, on e-Reserve)
III. **Oligopoly** (Nicholson, Ch. 14 and P&R, pp. 441-456, 461-471, on e-Reserve)
IV.   **Game Theory** (Nicholson, Ch. 15)
V.   **Externalities and Public Goods** (Nicholson, Ch. 20)
VI.   **Adverse Selection and Moral Hazard** (Nicholson, Ch. 19)
VII. **Decision Making under Uncertainty (if time permits)** (Nicholson, Ch. 18)

Exams:
Your course grade will be based on one midterm and a final exam. There will be approximately weekly homeworks which are not graded. The exam dates are as follows:

Midterm: **TBA**
Final: **TBA**

There will be **no class on January 7**. We will schedule a make-up class later in the term.

The final will be comprehensive but will have greater emphasis on the 2nd half of the course. The weight of the exams for the final grade will be as follows:

Midterm   33%
Final   67%

Exams will be closed-book, closed-notes, and you will not be allowed to use calculators.

Homeworks:
You will have approximately weekly homeworks for the course. The homeworks and solutions will be posted on the class web page. You are encouraged to discuss homeworks with other students and with the T.A.s during their office hours. Homeworks are not graded.

Lecture notes:
I will post my lecture notes on the course web site. The posted notes will be <u>incomplete</u>. You will need to come to class to get the complete lecture notes. You are very welcome to take your own notes during class. If you miss a class <u>for whatever reason</u>, you will need to get the notes from the T.A.s or from someone else in the class.
<u>Please be aware that I may decide to stop posting lecture notes if class attendance is too low.</u>

How to study for this class:
We will cover a wide range of topics in this class. The exams will require that you can solve analytical problems in a limited amount of time. The best way to succeed in this class is to thoroughly practice solving problems: Doing the homeworks, reading the textbook, and reviewing the lecture notes and examples given in class. I strongly advise you to start studying for this class well before the exam date. Few people manage to learn all the required topics in the last week before the exam. Limited knowledge of a few of the covered topics may not be sufficient to pass the course.