

## ECONOMICS 100C: Microeconomics C

Summer 1 2011

Lectures: M, T, W, Th 9:30 – 10:50 am: WLH 2005

Discussion Sessions: F 8:00 – 9:50 am: PCYNH 106

Prof: Herb Newhouse

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Office: Econ 108

Office Hours: Wed 11:10 am – 12:40pm

Course webpage: <https://ted.ucsd.edu/>

TAs: Yi Zhan [[yzhan@ucsd.edu](mailto:yzhan@ucsd.edu)] and Matthew Goldman [[mrgoldman@ucsd.edu](mailto:mrgoldman@ucsd.edu)] Office Hours: TBA

This course is the third of three courses in microeconomics and will build on the material presented in Economics 100A and 100B. The topics covered include imperfect competition, imperfect information, externalities and public goods. The course emphasizes mathematical analysis in developing the theory, but will also discuss real-world applications to demonstrate the usefulness and importance of the theory.

Prerequisites: ECON 100B or Math 170B.

Lectures and Discussion Sessions:

You are responsible for all the material in the lectures and problem sets. Partial notes will be available on the class webpage before each lecture. I recommend that you print these out beforehand and fill in the missing information. I'll do my best to avoid typos but you're responsible for the correct material. I want you to understand the material instead of simply memorizing it. If you miss a lecture, borrow someone's notes. Discussion Sessions are optional but recommended.

Problem Sets:

Problem sets will be available online. We will go over these questions in office hours and in the discussion sessions. Your best practice for the exams is to try these questions yourself first.

Exams:

Your grade will be determined on the basis of a midterm exam (50%) and a final exam (50%). If you miss an exam for a documented, university approved reason (ie., illness, official university trip), the exam will be rescheduled. If you miss an exam for another reason (ie., oversleep) you will receive a zero for that exam. No one will be allowed to start an exam after the first person leaves it.

The midterm will be held in class on Thursday, July 14th. The final exam will be held on Friday, July 29th from 8:00am – 11:00am. If you know in advance that you cannot make an exam, please let me know as soon as possible.

You are only permitted to use pens and pencils, a calculator, a straight edge and a note sheet during the exams. The note sheet can be any size up to 8.5" by 11" for each exam. It may **only** have handwritten notes on both sides. Typed or mechanically reproduced notes are not permitted. Do **not** attach anything to your note card in any way. If your note sheet does not adhere to any of these conditions it will be confiscated during the exam. Additionally a report may be filed with the Academic Integrity Office.

You **cannot** sit next to anyone you studied with during an exam.

Academic dishonesty:

I take academic dishonesty seriously. Any student found guilty of academic dishonesty will earn a failing grade for the course. In addition to this sanction, the Council of Deans of Student Affairs will also impose a disciplinary penalty. For a review of UCSD policy, please see <http://www-senate.ucsd.edu/manual/appendices/app2.htm>.

Regrade requests:

Regrade requests are only permitted if the entire exam is answered in pen. Regrade requests must be made through a written statement **before** the start of class on the Thursday after the exam. This deadline is firm! Extensions will only be permitted if you have a documented, university approved reason for missing the entire time after the exam was first passed back. If you request a regrade I may regrade your entire exam and your score could go up, down or stay the same.

Text:

Perloff (2008), *Microeconomic Theory and Applications with Calculus*, Pearson/Addison-Wesley. I will give references for this text. You can use either the custom UCSD version or the standard version. The material for this course is fairly standard; other Microeconomic Theory books are probably fine.

Preliminary Course Outline:

1. Review of Perfect Competition
  - Ch. 3 – 5.
  - Ch. 8 – 10.
2. Monopoly
  - Ch. 11.
3. Pricing Strategies
  - Ch 12.
4. Oligopoly
  - Ch 13.
5. Game Theory
  - Ch 14.
6. Economics of Information
  - Ch 18 & 19.
7. Externalities & Public Goods
  - Ch 17.

Very roughly I'm hoping to spend two lectures per topic, although we'll probably spend three or four lectures on Oligopoly and five or six lectures (in total) on topics 6 and 7. All of this is subject to change.