

ECONOMICS 100C: MICROECONOMICS C

Fall 2019, Sections A00 and B00

Professor: Songzi Du, sodu@ucsd.edu; office hours: Thursday 2:00 -- 3:30 PM, Econ 223

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The TA office hours will be in PSET lab (see below).

Class Meetings

Lecture A00 TuTh 11:00-12:20 SOLIS 104

Lecture B00 TuTh 12:30-1:50 SOLIS 104

Discussion A01 W 3:00-3:50 PCYNH 121

Discussion A02 W 4:00-4:50 PCYNH 121

Discussion B01 M 6:00-6:50 PETER 103

Discussion B02 M 7:00-7:50 PETER 103

Course Overview

Econ 100C examines the ways in which markets depart from perfect competition. We will cover monopoly power, strategy, externalities, public goods, asymmetric information, and signaling. This is the third of three courses in microeconomics and will build on the material presented in Economics 100A and 100B. We will emphasize mathematical analysis but will also frequently discuss real-world applications. Prerequisites: Econ 100A, 100B, and their prerequisites.

The required textbook is **Varian, Hal. Intermediate Microeconomics with Calculus.**

We will cover these topics:

	Chapters in Varian	IMVH videos (see below)
1. Monopoly	25	Section G.1
2. Price Discrimination	26	Section G.2
3. Game Theory	29, 30	Section F
4. Oligopoly	28	Section G.3
5. Externalities	35	Section H.1
6. Public Goods	37	Section H.2
7. Asymmetric Information	38	Sections I.1 & I.2

Additional Resources

TritonEd will be used to post lecture slides, problem sets, announcements, and other materials.

No single textbook suits everyone or covers every topic perfectly. In some cases you may wish to supplement Varian with another textbook, such as Perloff's *Microeconomics: Theory and Applications with Calculus*. A free online text at a slightly lower level is Preston McAfee's *Introduction to Economic Analysis*, at <https://introecon.com/>.

The **Intermediate Microeconomics Video Handbook** (IMVH) includes 220 short videos covering the entire 100ABC sequence. It will be available through TritonEd. For technical problems accessing the IMVH, please email edtech@ucsd.edu.

The **UCSD Teaching + Learning Commons** offers supplemental study group sessions that are open to all students in the course; it takes place on

Tuesday	6:00p - 7:20p	Commons - Geisel (Oct. 1 Only) Center Hall, Room 316 (Oct. 8 - Dec. 3)
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<https://commons.ucsd.edu/academic-support/study-groups/schedules.html>

The **Problem Solving and Economics Tutoring Lab** (PSET) offers problem set help from TAs on weekday evenings, starting in Week 2 of the quarter. Schedule information is available at

<http://economics.ucsd.edu/undergraduate-program/courses/pset-lab.html>

Evaluation

There are three exams: two midterms and a final. Each midterm exam counts for 30% of your grade, and the final exam counts for 40% (see below).

- Midterm exam 1 for A00 is on Friday Oct 18, 5-6:50 PM, PETER 108.
- Midterm exam 1 for B00 is on Friday Oct 18, 5-6:50 PM, PETER 110.
- Midterm exam 2 for A00 is on Friday Nov 15, 5-6:50 PM, PETER 108.
- Midterm exam 2 for B00 is on Friday Nov 15, 5-6:50 PM, PETER 110.
- Final exam for A00 is on Saturday December 7, 11:30 AM-2:29 PM.
- Final exam for B00 is on Saturday December 7, 11:30 AM-2:29 PM.

Half of the weight on Midterm 1 and/or Midterm 2 can be transferred to the Final (unless you missed the midterm); that is, Midterm 1 can count for 15% and Final for 55% of your grade, and likewise for Midterm 2. When determining your grade I will automatically use the best of the four possible weighting schemes.

If you miss a midterm for a documented, university approved reason (e.g., illness), then the weight on the midterm is evenly transferred to the other exams: the other midterm counts for $30/70 = 42.9\%$ and the final counts for $40/70 = 57.1\%$, or the midterm for 21.45% and final for 78.55% , whichever scheme that gives you the higher grade. If you miss a midterm for any other reason, you will receive a zero on that exam and receive no transfer of weight. If you miss the final for a documented, university approved reason and receive an incomplete, your score on the final exam offered by a faculty member teaching the same course in the following quarter will substitute.

Practice Problem Sets and Discussion Sections

Practice problem sets will be posted each week on TritonEd. They will not be graded and you do not need to turn them in. However, you are strongly urged to take them seriously and attempt all assigned problems. The exams will require that you can solve a variety of problems in a limited amount of time. The best way to succeed in this class is to attend lecture and read the text, and then to thoroughly practice solving problems on your own as well as with peers and TAs.

The TAs will use discussion sections to answer questions and go over the problem set. The sections will be most useful to you if you have already attempted the problems on your own. Solutions to each week's problem set will be posted the following week.

Administrative Issues

- (1) If you have a documented disability, please bring your documentation to me as soon as possible so that I can make suitable accommodations for you. If you believe that you have a disability and desire accommodation, please register with the Office for Students with Disabilities
- (2) Any student found responsible for violating UCSD's academic integrity policy will earn a failing grade for the course. In addition, the Council of Deans of Student Affairs will impose a disciplinary penalty.
- (3) Exam policies:
 - a. You must bring your UC San Diego Student ID to all exams.
 - b. Exams are closed book and closed-notes. **You may use a scientific, non-graphing calculator.** You may not use cell phones, graphing calculators, computers, tablets, headphones, or any other devices.
 - c. If you arrive late to an exam, I will allow you to take the exam in the time that remains as long as no one has yet left the exam.