

## ECONOMICS 100C: MICROECONOMICS C

### Spring 2019, Sections A00 and B00

Professor: Songzi Du; office hours: Monday 11:00 AM -- 12:30 PM, Econ 223

Graduate TA: Xiameng Hua, x5hua@ucsd.edu; Jackson Somers, jsomers@ucsd.edu

Undergraduate TA: Hongshan Wang, how033@ucsd.edu

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

*Send email to the TA instead of the professor if you have questions. The TA will forward the email to the professor if necessary.*

### Class Meetings

Lecture A00 MWF 9:00-9:50 AM Sequoyah Hall 148

Lecture B00 MWF 10:00-10:50 AM Sequoyah Hall 148

Discussion section A01 Tu 7:00-7:50 PM Sequoyah Hall 148

Discussion section B01 Th 7:00-7:50 PM Sequoyah Hall 148

*Please make note of these changes (due to an unavoidable travel obligation):*

Lecture is canceled on Friday April 5 and rescheduled to the Discussion section.

- The A00 make-up lecture will be Tuesday April 2 during Discussion section A01.
- The B00 make-up lecture will be Thursday April 4 during Discussion section B01.

### 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.**

I will post detailed reading assignments on TritonEd as the course unfolds. We will cover these topics.

	Chapters in Varian	IMVH videos (see below)
1. Review of Perfect Competition		Section E.2
2. Monopoly	25	Section G.1
3. Price Discrimination	26	Section G.2
4. Game Theory	29, 30	Section F
5. Oligopoly	28	Section G.3
6. Externalities	35	Section H.1
7. Public Goods	37	Section H.2
8. 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](mailto:edtech@ucsd.edu).

The **UCSD Teaching + Learning Commons** offers supplemental study group sessions that are open to all students in the course. For schedule and other information, see

<https://commons.ucsd.edu/students/supplemental-instruction/index.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 will be three exams: a quiz (aka short midterm), a midterm, and a final. The quiz will count for 15% of your grade, the midterm will count for 35%, and the final will count for 50%.

- Quiz will be in class on Friday April 19.
- Midterm for A00 will be on Friday May 3, 6:30-8:20 PM, CENTR 105.
- Midterm for B00 will be on Friday May 3, 6:30-8:20 PM, CENTR 109.
- Final exam for A00 is on Wednesday June 12, 8:00-10:59 AM (Location TBA).
- Final exam for B00 is on Monday June 10, 8:00-10:59 AM (Location TBA).

I give a quiz early in the quarter because I want you to develop the habit of keeping up with the materials. Half of the quiz and/or midterm weight can be transferred to the final (except when miss the quiz or the midterm; see below); that is, the quiz can count for 7.5% and final for 57.5% of your grade, and likewise for the midterm. When determining your grade I will automatically use the best of the four possible weighting schemes.

If you miss the quiz or the midterm for a documented, university approved reason (e.g., illness), then the weight on the quiz or the midterm will be transferred to the final. If you miss the quiz or the midterm for another reason, you will receive a zero. If you miss the final for an 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. You may only use pens/pencils and a straight edge during exams.

- i. Exams are closed book, closed-notes, and electronics-free. You may not use cell phones, calculators, 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.
  - d. There are no bathroom breaks during the in-class quiz. Please let me know immediately if this policy will create a hardship for you.
- (4) If, after reviewing the solutions and grading rubric, you believe there was an error in grading your exam, you may submit a regrade request. The regrade request must be submitted to the professor or one of the TAs within 7 days from the day the exams were first returned to the class. You must explain clearly in writing why you believe your score is in error. If you request a regrade, your score could go up or down depending on the assessment of the TA who graded the problem. If you wrote any part of the relevant section in pencil, the request will be denied if there is any ambiguity regarding erasures.