

**ARE 100B: Intermediate Microeconomics**  
Summer Session II 2017

Syllabus

**Lectures:** Monday, Tuesday, and Wednesday, from 2:10- 3:50 pm in Art 204

**Discussion Sections:** Thursday, from 2:10- 3:50pm and 4:10- 5:50pm in Olson Hall 207

**Instructor:** Laura Paul, [lpaul@ucdavis.edu](mailto:lpaul@ucdavis.edu)

**Office Hours:** Monday and Wednesday, from 9:00-9:50 am in SSH 2136

If you have any problems with this course, or with any other matters that may affect your work in this course, please contact me immediately.

**Teaching Assistant:** Anubhab Gupta, [angupta@ucdavis.edu](mailto:angupta@ucdavis.edu)

**Course Overview**

This is the second in a two-quarter sequence in intermediate microeconomic theory. The prerequisite course, ARE 100A, covered the theory of production, consumption, and equilibrium in perfectly competitive markets. This course relaxes the assumption of perfect competition and explores other theories that are useful in explaining economic behavior in the real world. *4 units.*

**Learning Objectives**

By the end of this quarter, you will:

1. Understand economic theories related to imperfect competition applied in many important contemporary fields of economics (e.g. game theory, industrial organization, information theory, and behavioral economics).
2. Be able to apply these concepts verbally, graphically, and mathematically in order to analyze complex real world issues.

**Course Format**

A detailed course outline is on Page 5. The material covered in this course can provide you with powerful tools for the business world and beyond, but learning how to use these tools requires active engagement. The materials provided throughout the quarter are designed to support the above learning objectives. I view my role as a facilitator of your learning process, will discuss important points and add context to the assigned material in lectures.

Familiarize yourself with the information in the assigned reading prior to coming to class. Engagement with the material during lecture will reinforce your learning. If you do not understand something or need additional help, please ask, in lecture, discussion section, or my office hours.

This course is a six week summer session course and moves at an accelerated pace. It is important to keep up with reading and materials. The homework, quizzes, participation grade and midterms are all designed to incentivize and reinforce your learning. Incentives serve as commitment devices for you to keep up and stay engaged with the material throughout the quarter.

**Prerequisites:** ARE 100A

### **Required Materials**

*Microeconomics: Theory and Applications with Calculus*, Fourth Edition by Jeffrey Perloff. You should already have a copy of the book from 100A. Using the Third Edition is fine, but you are responsible for any discrepancies in chapters or problems.

iClicker2 (campus standard) or iClicker Cloud (REEF smart phone application)

UCD Scantron 2000 forms (minimum 6 forms)

Intermediate Micro Video Handbook (IMVH)—available online for free through our Canvas page.

### **Homework**

Homework problems will be posted for you to work on independently. Homework problems must be submitted individually at the beginning of class, on the due date. Each completed homework submitted on time will be counted as 2 points of extra credit towards your final grade. No late submissions will be accepted.

### **Quizzes**

We will have four quizzes to assess your understanding of the material. You will need a UCD Scantron 2000 for each quiz. I will drop your lowest quiz score when computing your final grade. The quizzes evaluate whether you keep up with the assigned material and serve to summarize and re-emphasize important points. No make-up quizzes will be given.

### **Attendance and Participation**

I expect you to attend all lectures and sections. You are responsible for all material covered in lectures and section

We will use iClicker during lecture to take attendance and to practice problems<sup>1</sup>. Using iClicker allows you to participate during lecture even if you do not feel confident in contributing verbally in class. It also provides the class with instant feedback. You will receive two points for showing your attendance by using your iClicker. You will receive an additional point for each correct answer you submit. If you receive at least 50 points, you will receive full participation credit toward your grade. No credit will be given if you attend class and your device does not work, or if you forget to bring one. Using a classmate's iClicker is cheating and will be treated as such under that UC Davis Academic Integrity Guidelines.

In section, you will cover problems and applications of the material we've learned in class. Section is a good opportunity for you to ask questions and for clarification on anything you did not understand. To ensure your questions are covered, email Anubhab in advance of section.

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<sup>1</sup> You may choose to opt out of the participation part of your grade. If you decide to do so, you must see me in person in my office hours to discuss this option *before the midterm, August 23*. In this case, your midterm and final exam score receive a higher weight in your overall grade.

## Exams

Bring a UCD Scantron 2000 form, calculator, and your University ID on the day of each quiz and exam (every Wednesday).

Do not bring any course materials or other items, including hats, cellphones, laptops, bags, books, and notebooks, to class on the day of the midterm or final.

There will be one midterm:

- **Wednesday, August 23, 2:10- 3:50pm in Chemistry 179**

The final will be held during the scheduled time:

- **Wednesday, September 13, 2:10 - 3:50 pm in Chemistry 179**

The exams consist of multiple choice questions, true/false questions, and analytic questions. There will be no make-up exams. If, due to a serious illness or family tragedy, you are unable to take one of the exams, your final grade will be based solely on the remaining assignments and exams. You must contact me immediately with appropriate documentation to receive this accommodation.

## Grades

Your final numerical score will be calculated based on class participation, the quizzes, midterm, and a final exam. Numerical scores will not be converted to letter grades until the end of the quarter and specific letter grades will not be assigned to individual assignments. I will not curve the final grades. Feedback on your performance over the course of the quarter is given through your quiz and midterm grades.

	<b>Points</b>	<b>Percent</b>
Participation	50	10%
Quizzes	75	15%
Midterm	175	35%
Final Exam	200	40%
Total	500	100%

## Regrade Policy

All requests must be submitted within one week of receiving the grade back in the form of your original work and a written explanation of why you believe your assignment should be regraded.

## Canvas

This course will make extensive use of the UC Davis Canvas learning management system. Log in using your student account to access course resources, homework problems, your grades, and practice material.

## **Academic Conduct**

Honor and academic integrity are expected of all UC Davis students. This class will be conducted in strict observance of the UC Davis Code of Academic Conduct: Honesty, Fairness, Integrity. The Code of Academic Conduct assigns specific responsibilities to faculty, administration and students. Please review your responsibilities carefully and adhere to these rules. I encourage you to study together as I strongly believe it supports the learning process. However, your submitted homework, participation, quiz, and exam answers must be your own.

## **Courtesy**

As a courtesy to your fellow students and me, be respectful. Be on time for class. If you arrive late or leave early, please do so quietly. Do not use your cell phones, tablets, or laptops during lecture other than for class purposes. You may not take pictures of my notes or otherwise take recordings during class—I expect and encourage you to write down your own notes.

UC Davis is a diverse community comprised of individuals having many perspectives and identities. In order to create an inclusive and intellectually vibrant community, we must understand and value individual differences and common ground. The UC Davis Principles of Community reflect the ideals I seek to uphold in this class.

## **Disabilities**

If you have a learning disability or a physical disability that requires accommodation, please let me know as soon as possible. All needs that have been verified through the Student Disability Center will be accommodated.

## Course Topics

Topic	Material	Perloff Chapters	IMVH Topics
1	Market Power: Monopoly	11	G1
2	Pricing and Advertising	12	G2
3	Game Theory	13	F
4	Oligopoly and Monopolistic Competition	14	G3
5	Other Market Failures: Externalities, Public Goods, Asymmetric Information	17,18	H1, I1

## Tentative Schedule

	Monday	Tuesday	Wednesday	Thursday
<b>Week 1</b>	<b>August 7</b> Intro, 100A Review, Topic 1	<b>August 8</b> Topic 1	<b>August 9</b> Topic 1 <b>Quiz 1</b>	<b>August 10</b> Discussion
<b>Week 2</b>	<b>August 14</b> Topic 2 <b>Homework 1</b>	<b>August 15</b> Topic 2	<b>August 16</b> Topic 3 <b>Quiz 2</b>	<b>August 17</b> Discussion
<b>Week 3</b>	<b>August 21</b> Topic 3 <b>Homework 2</b>	<b>August 22</b> Topic 3	<b>August 23</b> <b>Midterm</b>	<b>August 24</b> Discussion
<b>Week 4</b>	<b>August 28</b> Topic 4 <b>Homework 3</b>	<b>August 29</b> Topic 4	<b>August 30</b> Topic 4 <b>Quiz 3</b>	<b>August 31</b> Discussion
<b>Week 5</b>	<b>September 4</b> No Class: Labor Day	<b>September 5</b> Topic 5 <b>Homework 4</b>	<b>September 6</b> Topic 5 <b>Quiz 4</b>	<b>September 7</b> Discussion
<b>Week 6</b>	<b>September 11</b> Topic 5 <b>Homework 5</b>	<b>September 12</b> Review	<b>September 13</b> <b>Comprehensive Final Exam</b>	