

# **Econ 300 A: Intermediate Microeconomics**

## **Summer 2018**

Instructor: Justin Downs

Lecture: M-F, 9:40-10:40am, Sieg 134

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Office Hours: TBD

### **Prerequisites**

Econ 200; one of Math 112, 124, 127, 134, 145

### **Required Materials**

Text: "Microeconomics" 7th Edition, Jeffrey M. Perloff

### **Topics**

1. Consumer Choice
2. Decisions under Uncertainty
3. Theory of the Firm
4. General Equilibrium and the Price System
5. Game Theory
6. Oligopoly
7. Other Topics\*

### **Learning Goals**

1. Develop a basic knowledge of the mathematical tools used in economics, primarily constrained optimization and simple comparative statics.
2. Use these tools to foster a deeper understanding of the principles of microeconomics, including the foundation of consumer demand, production choices, market equilibrium, market structure, and strategic interactions.
3. Learn how these tools and models can be applied to make predictions about real world behavior and assess the usefulness and/or relevance of policy

## **Reading**

Reading is assigned in a way that it will prepare you for the lectures. As such, you will often be reading about a topic **before** we cover it in class. The date given is the date by which the assigned reading should be completed.

1. Consumer Choice: Chapters 4, 5.1-3, Appendix 4 (**6/22**)
2. Uncertainty: Chapter 17 (**7/2**)
3. General Equilibrium: Chapter 10 (**7/9**)
4. Theory of the Firm: Chapters 6, 7.1-3, 8.2, Appendix 6, 7, 8B (**7/23**)
5. Game Theory: Chapter 14 (**7/30**)
6. Oligopoly: Chapter 13, Appendix 13 (**8/7**)
7. Other Topics\*

## **Grading**

*Homework - 40%* - There will be **6** homework assignments, due on Fridays **6/29, 7/6, 7/13, 7/27, 8/3, 8/10**. Of those **6**, the highest **4** grades will be kept and counted at **10%** each.

*Midterm Exam - 30%* - There will be a midterm exam on Thursday and Friday, **7/19 and 7/20**. It will cover Consumer Choice, Uncertainty, and General Equilibrium.

*Final Exam - 30%* - There will be a final exam on Thursday and Friday, **8/16 and 8/17**. It will cover the Theory of the Firm, Game Theory, Oligopoly and Other Topics\*.

The Department of Economics at UW requires that the median GPA for all undergraduate economics courses fall within the range of **2.8-3.1**. A student who receives a median grade on every assignment can expect a final GPA somewhere in that range.

## **Student Athletes**

Student athletes who have conflicts with attending any lecture or submitting any assignment should submit a list of such conflicts along with a letter from the athletics department by **Monday, June 25**. I will reasonably accommodate any student athlete who follows this guideline.

### **Academic Accommodations**

The University of Washington is committed to providing access and reasonable accommodation in its services, programs, activities, education and employment for individuals with disabilities. For information or to request disability accommodation contact: Disability Resources for Students (Seattle campus, matriculated students) at (206) 543-8924/V, (206) 543-8925/TTY, (206) 616-8379 (FAX), or e-mail at [uwdss@uw.edu](mailto:uwdss@uw.edu)

### **Academic Integrity**

Academic integrity is the cornerstone of the Department's rules for student conduct and evaluation of student learning. Students accused of academic misconduct will be referred directly to the Office of Community Standards and Student Conduct for disciplinary action pursuant to the Student Conduct Code and, if found guilty, will be subject to sanctions. Sanctions range from a disciplinary warning, to academic probation, to immediate dismissal for the Department and the University, depending on the seriousness of the misconduct. Dismissal can be, and has been, applied even for first offenses. Moreover, a grade of zero can be assigned by the instructor for the course.

Behavior that constitutes academic misconduct includes but is not limited to cheating on exams or quizzes (copying answers from others, using unauthorized materials, a student not taking their own quiz/exam, etc.), copying homework answers, and plagiarism.

### **Miscellaneous**

Lecture notes will NOT be distributed. If you miss class, it is your responsibility to contact a classmate and get lecture notes from them.

The text and lectures are complementary goods. Some material in the text will not be covered in lecture, and some material from lecture is not available in the text.

No laptops will be allowed for note-taking in class. This rule is to prevent students from distracting themselves and others with "non-class-related" uses, as well as to encourage detailed note-taking.

No calculators will be needed for exams. Questions will be written in such a way that all calculations can reasonably be completed by hand in the allotted time.

Students are **strongly** encouraged to ask questions and foster discussion in class. These questions and discussions are useful in helping us all understand economics better.