

## The Elements of Economic Analysis II (20100) – Winter 2022

**Lecture:** Mondays and Wednesdays 3:00-4:20 PM

**TA Session:** Tuesdays 4:30-5:20 PM, Rosenwald Hall Room 011

**Instructor:** Sidharth Sah

*Email:* sidsah@uchicago.edu

*Office Hours:* Tuesdays 3:30-4:30 PM, Zoom:

<https://uchicago.zoom.us/j/99017741633?pwd=TzhhaUFyWU94K0dNdjFHeUg1ZnRwdz09>

**Teaching Assistant:** Varun Kapoor

*Email:* varunk@uchicago.edu

*Office Hours:* Fridays 8:30-9:30 AM

**Textbook:** Lecture Notes will be inclusive. The following textbooks are recommended.

- Varian, Hal R., Intermediate Microeconomics with Calculus, 1st Edition.
- Victor Lima, Lecture Notes.

**Grading:** There will be six problem sets, and two exams. They will be weighted as follows:

| Component   | Weight |
|-------------|--------|
| Assignments | 20%    |
| Midterm     | 30%    |
| Final       | 50%    |

There will be extra points given for class participation. Specifically, I will be asking questions during the lectures, and the person who answers a question correctly (what is correct is decided by me) will increase his grade on the midterm/final by one point. I will clarify before asking the question whether the question gives a point or not (I may ask something that does not give points). Each student cannot get more than one point per class, not more than 5 total extra points for the midterm, and not more than 5 total extra points for the final.

There will be 6 problem sets, 4 of which will be graded for accuracy and 2 of which will be graded for completion. You will have at least one week for each of them. Please work in groups of up to 6 students on the problem set and submit a single assignment. Each student should try every problem by himself/herself, participate in group discussion, and finish the assignment in group. We encourage you to help each other and learn from each other.

Both midterm and final exams will be closed book/notes. The final exam will be comprehensive.

If you are graduating this quarter and need to have your grade submitted before finals week, please notify the instructor by email before Feb 21 so that we could coordinate an early final exam.

**Course Topics and Schedule:** This outline is meant to be a guide to the general nature and order of topics covered in the course. I reserve the right to deviate from it.

| Lecture | Date | Topic                    |
|---------|------|--------------------------|
| 1       | 1/10 | Introduction, Technology |
| 2       | 1/12 | Cost Minimization        |
|         | 1/17 | No Class (MLKJ Day)      |
| 3       | 1/19 | Cost Curves              |
| 4       | 1/24 | Profit Maximization      |
| 5       | 1/26 | Firm Supply              |
| 6       | 1/31 | Industry Supply          |
| 7       | 2/2  | General Equilibrium      |
| 8       | 2/7  | General Equilibrium      |
| 9       | 2/9  | Monopoly                 |
|         | 2/14 | Midterm                  |
| 10      | 2/16 | Price Discrimination     |
| 11      | 2/21 | Game Theory              |
| 12      | 2/23 | Game Theory              |
| 13      | 2/28 | Oligopoly                |
| 14      | 3/2  | Oligopoly                |
| 15      | 3/7  | Externalities            |
| 16      | 3/9  | Public Goods             |
|         | 3/16 | Final Exam               |