Economics 400A: Advanced Microeconomics

Spring 2020, SAV 131
Link to Zoom Lectures: https://washington.zoom.us/j/928344565
Monday and Wednesday 8:30 - 10:20AM (PST)

Instructor: Quan Wen
Office: Savery Hall 330
Office Hours: Monday 10:45-11:45, Wednesday 1:30-3:00, or by appointment
Email: wenq2@uw.edu

Course Description: This advanced microeconomic theory course explores rigorous development of theoretical models and methods used in economics to analyze the behavior of consumers, firms, and markets. We will discuss topics including comparative statics for consumption theory, duality in production, general equilibrium, decision-making under uncertainty, and market competition.

Prerequisite: minimum grade of 2.0 in Econ 300 and MATH 126, minimum grade of 3.0 in Econ 300 is highly recommended.

Textbook: Walter Nicholson and Christopher Snyder, *Microeconomic Theory, Basic Principle and Extension* (Edition 12), South-Western 2016.

Problem Sets, Tests, and Final:

Six Problem Sets, see tentative schedule,   25% to the final grade
Test 1 will be due by 6pm (PST) on 04/20,   25% to the final grade
Test 2 will be due by 6pm (PST) on 05/13,   25% to the final grade
Final will be due by 6pm (PST) on 06/09,   25% to the final grade

Grading Scale:
Your grade point average (GPA) will be converted based on the following:

$$f(x) = min\{0.075(x-50) + 0.7, 4\} \quad \text{if } x \geq 50,$$
$$f(x) = 0 \qquad\qquad\qquad\qquad\quad \text{otherwise.}$$

100-94.0	4.0	93.9-92.7	3.9	92.6-91.3	3.8	91.2-90.0	3.7
89.9-88.7	3.6	88.6-87.3	3.5	87.2-86.0	3.4	85.9-84.7	3.3
84.6-83.3	3.2	83.2-82.0	3.1	81.9-80.7	3.0	80.6-79.3	2.9
79.2-78.0	2.8	77.9-76.7	2.7	76.6-75.3	2.6	75.2-74.0	2.5
73.9-72.7	2.4	72.6-71.3	2.3	71.2-70.0	2.2	69.9-68.7	2.1
68.6-67.3	2.0	67.2-66.0	1.9	65.9-64.7	1.8	64.6-63.3	1.7

Course Outline:
Chapter 3 to Chapter 11, Chapters 14 and 15, Chapters 12 and 13

Tentative Schedule

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
03/02 Week 1	03/30 Preference	03/31	04/01 Utility Function	04/02	04/03	04/04
04/05 Week 2	04/06 Utility Max and Choice **Problem Set 1**	04/07	04/08 Utility Max and Choice	04/09	04/10	04/11
04/12 Week 3	04/13 Comparative Statics **Problem Set 2**	04/14	04/15 Comparative Statics	04/116	04/17	04/18
04/19 Week 4	04/20 **Test 1, due by 6PM**	04/21	04/22 Uncertainty	04/23	04/24	04/25
04/26 Week 5	04/27 Uncertainty	04/28	04/29 Game Theory **Problem Set 3**	04/30	05/01	05/02
05/03 Week 6	05/04 Game Theory	05/05	05/06 Production and Cost **Problem Set 4**	05/07	05/08	05/09
05/10 Week 7	05/11 Profit Max	05/12	05/13 **Test 2, 8:30-10:20**	05/14	05/15	05/16
05/17 Week 8	05/18 Partial Equilibrium	05/19	05/20 General Equilibrium	05/21	05/22	05/23
05/24 Week 9	05/25 Memorial Day No Lecture	05/26	05/27 Monopoly **Problem Set 5**	05/28	05/29	05/30
05/31 Week 10	06/01 Imperfect Competition	06/02	06/03 Imperfect Competition **Problem Set 6**	06/04	06/05 SQ ends	06/06
06/07	06/08	06/09 **Final**	06/10	06/11	06/12	06/13

Policy on Academic Conduct:

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.