

Syllabus for Principles of Microeconomics 個體經濟學原理課程大綱

Instructor: Joseph Tao-yi Wang (王道一) - Social Science Building (社科院頤賢館) Room 754

Office Hours: Friday after class (12:10-1pm) or by email appointment (josephw "at" ntu.edu.tw)

Lectures: Friday 9:10am-12:10pm at Liberal Education Building 103 (博雅 103) **or online**

TA Sessions: Monday/Wednesday 12:20-1:10pm by TA 許雨翔 (same room) [due to pandemic]

Class website: http://homepage.ntu.edu.tw/~josephw/principles_micro_21F.htm

Textbook: Mankiw (2021), *Principles of Economics*, 9th ed., Asian Edition, Cengage. (東華)

Reference: Acemoglu, Laibson and List (2018), *Economics*, 2nd ed., Pearson. (雙葉)

Grades and Requirements:

- 1. Classroom Experiment Participation (15%):** In-class experiments happen weekly. If you earn more than 15%, you get a "tie-breaker" which bumps you up one letter grade (A to A+, A- to A, etc.) when you happen to be the highest-scoring person in that grade.
- 2. Homework Assignment (3%):** Homework problems appear in the ending slide of each chapter. You are required to hand them in 7 days after they appear in class (online). The "strike-out" rule applies, so not turning in one homework costs 1% each (up to 3%). Since the TA will NOT grade it, try it out yourself instead of copying someone's answers.
- 3. Exam-Giving Contest (2%):** Propose in groups "Economics in the News" problems for the Midterm/Final exam (1% each) and your problem may appear in the actual exam!
- 4. Quizzes (10%):** One quiz (5% each) before each exam as practice (11/8 and 12/29).
- 5. Midterm (30%) and Final (40%) Exams:** 11/12 and 1/7, 9:10am-12:10pm in class. Submit request of absence in writing before 9am exam day (except for emergencies).

Note: (a) If you do better in the final than the midterm, it counts as 70% (replacing the midterm).

(b) Submit re-grading requests in writing within one week we return the exam, and the TA will re-grade your entire exam. So, think carefully before you ask!

(c) This course is taught in English, so all assignments are in English. Taiwan-specific material in Chinese would come with translations, though quality is not guaranteed.

Course outline: (*Note special date)

- [9 /22]* Ten Principles of Economics (Ch. 1)
 - [9 /24] Production Possibility Frontier (Ch. 2) [9/27]* Gains from Trade (Ch. 3)
- [10/ 1] Supply and Demand (Ch. 4)
- [10/ 8] Elasticity (Ch. 5); Intervening the Market (Ch. 6)
- [10/15] Markets and Welfare: Application to Taxation and Trade (Ch. 7, 8, 9)
- [10/22] Classical Market Failure: Externalities (Ch. 10)
- [10/29] Classical Market Failure: Public Goods and Common Resources (Ch. 11)
- [11/ 5] Cost of Production (Ch. 13) [11/8]* Quiz 1
 - [11/12] Midterm (Ch. 1-11)
- [11/15] & [11/17]* Competitive Markets (Ch. 14)
- [11/19] Monopoly and Monopolistic Competition (Ch. 15, 16)
- [11/26] Oligopoly (Ch. 17)
 - [12/ 3] NTU Sports Day (Holiday)
- [12/10] Factor Markets (Ch. 17, 18)
- [12/17] Wage Differentials and Discrimination (Ch. 19, 20)
- [12/24] Frontiers of (Micro-)Economics (Ch.22) [12/29]* Quiz 2
 - [1 / 7] Final Exam (Ch. 1-22) (Cumulative, but focus on the second half, Ch. 13-22)