

Syllabus for Principles of Economics I(經濟學原理與實驗—課程大綱)

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Office: Social Science Building Room 754 (社科院頤賢館 754 室)

Office Hours: Friday after class (1:10-2pm) or by email appointment

Lectures: Liberal Education Classroom Building 103 (博雅 103) - Friday 10:20am-1:10pm

Review Sessions: Monday/Wednesday 12:20-1:10pm GE Building 103 (博雅 103) by TA TBA

Class website: http://homepage.ntu.edu.tw/~josephw/principles_micro_18F.htm

Textbook: Mankiw (2017), *Principles of Economics*, 8th ed., Cengage Technology Ed. (華泰)

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

Grades and Requirements:

- 1. Classroom Experiment Participation (15%):** Weekly classroom experiments are conducted. If you earn more than 15%, you get earn one extra credit as a "tie-breaker."
- 2. Homework (Assignment 3%):** Not turning in homework costs 1% each (up to 3%).
- 3. Homework (Contest 2%):** Propose "Economics in the News" problems for Midterm and Final Exams in groups. You need one qualified problems to earn 1% for each exam. Winner's problem will appear in the actual exam as bonus question, so try your best!
- 4. Quizzes (10%):** One quiz (5% each) is conducted before each exam (10/19 and 1/4).
- 5. Midterm (30%) and Final (40%):** 11/9 and 1/11, 10:20am-1:10pm in class. Request of absence must be submitted in writing *before* 10am exam day (except for emergencies).

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

(b) Re-grading requests must be submitted in writing within 1 week, and for entire exams.

(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:

- [9 /10] Ten Principles of Economics (Ch. 1)
 - [9 /12] Production Possibility Frontier (Ch. 2)
 - [9 /14] Gains from Trade (Ch. 3)
- [9 /21] Supply and Demand (Ch. 4)
- [9 /28] Elasticity and Intervening the Market (Ch. 5, 6)
- [10/ 5] Markets and Welfare: Application to Taxation (Ch. 7, 8)
- [10/12] Markets and Welfare: Application to Trade (Ch. 9)
 - [10/19] Quiz 1
- [10/26] Classical Market Failure: Externalities (Ch. 10)
- [11/ 2] Classical Market Failure: Public Goods and Common Resources (Ch. 11)
 - [11/ 9] Midterm (Ch. 1-11)
- [11/16] Cost of Production (Ch. 13)
- [11/23] Competitive Markets (Ch. 14)
- [11/30] Monopoly (Ch. 15)
- [12/ 7] Monopolistic Competition (Ch. 16)
- [12/14] Oligopoly (Ch. 17)
- [12/21] Factor Market, Wage Differentials and Discrimination (Ch. 18, 19)
- [12/28] Asymmetric Information, Political Economy and Behavioral Economics (Ch.22)
 - [1/ 4] Quiz 2
 - [1/11] Final Exam (Ch. 1-22) (Cumulative, but emphasis is on the second half.)