

Syllabus for Principles of Economics I(經濟學原理與實驗一課程大綱)

Instructor: Joseph Tao-yi Wang (王道一) (josephw "at" ntu.edu.tw)

Office: Social Science Building Room 754 (社科院碩賢館 754 室)

Office Hours: Friday after class (12:10-1pm) or by email appointment

Classroom and Time: Liberal Education Building 103 (博雅教學館 103) - Friday 9:10am-12:10pm

Review Sessions on Monday 10:20am-12:10pm by TA 林宣文 (r03323044 "at" ntu.edu.tw)

Class website: http://homepage.ntu.edu.tw/~josephw/principles_micro_15F.htm

Textbook: Mankiw (2014), *Principles of Economics*, 7th ed., Cengage Technology Ed. (華泰)

Reference: Acemoglu, Laibson and List (2015), *Economics*, 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 (5%):** Failure of turning in weekly homework costs 1% each (up to 5%).
- 3. Quizzes (10%):** One quiz (5% each) is conducted before each exam (10/17 and 1/2).
- 4. Midterm (30%) and Final (40%):** 11/13 and 1/15, 9:10am-12:10pm in class. Request of absence must be submitted in writing *before* 9:00am 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) After exam is returned, re-grade requests must be submitted in writing within 1 week, and only 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 /14] Ten Principles of Economics (Ch. 1)
- [9 /18] Production Possibility Frontier and Gains from Trade (Ch. 2, 3)
- [9 /25] Supply and Demand (Ch. 4)
- [10/ 2] Elasticity and Intervening the Market (Ch. 5, 6)
- [10/12] Markets and Welfare: Application to Taxation (Ch. 7, 8)
- [10/19] Markets and Welfare: Application to Trade (Ch. 9)
 - [10/26] Quiz 1
- [10/30] Classical Market Failure: Externalities (Ch. 10)
- [11/ 6] Classical Market Failure: Public Goods and Common Resources (Ch. 11)
 - [11/13] Midterm (Ch. 1-11)
- [11/20] Tradable Permit Markets and Cost of Production (Ch. 13)
- [11/27] Competitive Markets (Ch. 14)
- [12/ 4] Monopoly (Ch. 15)
- [12/11] Monopolistic Competition (Ch. 16)
- [12/18] Oligopoly (Ch. 17)
- [12/25] Factor Market, Wage Differentials and Discrimination (Ch. 18, 19)
 - [1/ 4] Quiz 2
- [1/ 8] Asymmetric Information, Political Economy and Behavioral Economics (Ch.22)
 - [1/15] Final Exam (Ch. 1-22) (Cumulative, but emphasis is on the second half.)