

## Principles of Economics I Syllabus 經濟學原理一課程大綱

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

Office Hours: Friday 12:10-1pm after class, or by email appointment at 社科院研究大樓 425 室

Classroom and Time: Lectures are Friday 9:10am-12:10pm at 博雅 102; Review Sessions are Monday 10:20am-12:10pm at 博雅 102, by Mateus Lee (李文基) (d96323007 "at" ntu.edu.tw)

Class website: [http://homepage.ntu.edu.tw/~josephw/principles\\_micro\\_12F.htm](http://homepage.ntu.edu.tw/~josephw/principles_micro_12F.htm)

### References and Textbook:

1. Textbook: N. Gregory Mankiw (2011), *Principles of Economics*, 6th edition (華泰).
2. Comics: Yoram Bauman and Grady Klein (2010), *Cartoon Introduction to Economics, Volume 1: Microeconomics*, Hill and Wang. (See also Yoram's online micro textbook)

### 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 "tie-breaker."
2. **Homework (5%):** Failure of turning in weekly homework costs you 1% each (up to 5%).
3. **Quizzes (10%):** One quiz (5% each) is conducted in a review session before each exam.
4. **Midterm (30%) and Final (40%):** 11/16 and 1/4, 9:10am-12:10pm in class. Request of absence must be submitted in writing *before* 9:00am the exam day (except emergencies).

**Note:** (a) If you do better in the final than the midterm, your final counts as 70%. (b) After exam is returned, re-grade requests must be submitted in writing within 1 week, and only for entire exams. (c) **This is a course taught in English, so all assignments are in English. Material related to Taiwan-specific issues will be in Chinese, so ability to read Chinese is also required.**

### Course outline:

1. [ 9 /10] Ten Principles of Economics (Ch. 1)
2. [ 9 /14] Production Possibility Frontier and Gains from Trade (Ch. 2, 3)
3. [ 9 /21] Supply and Demand (Ch. 4)
4. [ 9 /28] Elasticity and Intervening the Market (Ch. 5, 6)
5. [10/ 5 ] Markets and Welfare: Application to Taxation (Ch.7, 8)
6. [10/12] Markets and Welfare: Application to Trade (Ch.9)
7. [10/19] Classical Market Failure: Externalities (Ch. 10)
8. [10/26] Classical Market Failure: Public Goods (Ch. 11)
9. [11/ 5 ] Theory of Consumer Choice and Information Markets (Ch. 21 and Holt, Ch.34)
10. [11/ 9 ] Tradable Permit Markets and Cost of Production (Ch. 13)
  - [11/16] Midterm (Ch. 1-11)
11. [11/23] Competitive Markets (Ch. 14)
12. [11/30] Monopoly (Ch. 15)
13. [12/ 7 ] Monopolistic Competition (Ch. 16)
14. [12/14] Oligopoly (Ch. 17)
15. [12/21] Factor Market, Wage Differentials and Discrimination (Ch. 18, 19)
16. [12/28] Asymmetric Information, Political Economy and Behavioral Economics (Ch.22)
  - [ 1 / 4 ] Final Exam (Ch. 1-22) (Cumulative, but emphasis is on the second half.)
17. [ 1 /11] Economics in the News; More about Frontier of (Micro-)Economics