

## 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 12:10-1:00pm after class, or by email appointment at 社科院研究大樓 425 室

Classroom and Time: Friday 9:10am-12:10pm at 綜 102

Review Session: Monday 10:20am-12:10pm at 社 101, by Mateus Lee (d96323007 "at" ntu.edu.tw)

Class website: [http://homepage.ntu.edu.tw/~josephw/principles\\_micro\\_10F.htm](http://homepage.ntu.edu.tw/~josephw/principles_micro_10F.htm)

### References and Textbook:

1. Textbook: N. Gregory Mankiw (2009), *Principles of Economics*, 5th edition (華泰).
2. Comics: Yoram Bauman and Grady Klein (2010), *The Cartoon Introduction to Economics, Volume 1: Microeconomics*, Hill and Wang. (See also Yoram's online micro textbook)
3. Selected chapters: Holt (2007), *Markets, Games, and Strategic Behavior*, Addison-Wesley.

**NOTE:** This is a course taught in English, and all assignments are in English. Some material related to Taiwan specific issues will be in Chinese, so ability to read Chinese is also required.

### 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.
2. **Homework (5%) and Quiz (10%):** Failing to turn in weekly homework costs you 1% each time (up to 5%). One quiz (5% each) is conducted in a review session before each exam.
3. **Midterm (30%):** 11/13, 9:10am-12:10pm in class. Any request of absence must be submitted in writing *before* 9:00am on the exam day, except for medical emergencies.
4. **Final Exam (40%):** Cumulative, but with emphasis on material covered in the second half. Any request of absence must be filed according to university rules.
5. **Grades:** If you do better in the final than the midterm, your final will count as 70%.
6. **Re-grade Policy:** Requests must be submitted in writing within 1 week the exam is returned, and will only be done on the entire exam, not specific sections.

### Course outline:

1. [ 9 /13] Ten Principles of Economics (Ch. 1)
2. [ 9 /17] Production Possibility Frontier and Gains from Trade (Ch. 2, 3)
3. [ 9 /24] Supply and Demand (Ch. 4)
4. [10/ 1 ] Elasticity and Intervening the Market (Ch. 5, 6)
5. [10/ 8 ] Markets and Welfare: Application to Taxation (Ch.7, 8)
6. [10/15] Markets and Welfare: Application to Trade (Ch.9)
7. [10/22] Classical Market Failure: Externalities (Ch. 10)
8. [10/29] Classical Market Failure: Public Goods (Ch. 11)
9. [11/ 5 ] Theory of Consumer Choice and Information Markets (Ch. 21 and Holt, Ch.34)
- [11/12] Midterm (Ch. 1-11)
10. [11/19] Cost of Production (Ch. 13)
11. [11/26] Competitive Markets (Ch. 14)
12. [12/ 3 ] Monopoly (Ch. 15)
13. [12/10] Monopolistic Competition (Ch. 16)
14. [12/17] Oligopoly (Ch. 17)
15. [12/24] Factor Market, Wage Differentials and Discrimination (Ch. 18, 19)
16. [12/31] Asymmetric Information, Political Economy and Behavioral Economics (Ch. 22)
- [ 1 / 7 ] Final Exam (Ch. 1-22)
17. [ 1 /14] Economics in the News; More about Frontier of (Micro-)Economics