

# Syllabus for Principles of Economics I 課程大綱：經濟學原理與實驗一

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 202; Review Sessions are Monday 10:20am-12:10pm at 博雅 202, by Mateus Lee (李文基) (d96323007 "at" ntu.edu.tw)

Class website: [http://homepage.ntu.edu.tw/~josephw/principles\\_micro\\_13F.htm](http://homepage.ntu.edu.tw/~josephw/principles_micro_13F.htm)

## References and Textbook:

1. Textbook: N. Gregory Mankiw (2011), *Principles of Economics*, 6th ed., Cengage. (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 a "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%): 10/25 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 *could* be in Chinese; inability to read Chinese is an excuse.

## Course outline:

1. [ 9 / 9 ] Ten Principles of Economics (Ch. 1)
2. [ 9 /13] Production Possibility Frontier and Gains from Trade (Ch. 2, 3)
3. [ 9 /16] Supply and Demand (Ch. 4)
4. [ 9 /27] Elasticity and Intervening the Market (Ch. 5, 6)
5. [10/ 4 ] Markets and Welfare: Application to Taxation (Ch. 7, 8)
6. [10/11] Markets and Welfare: Application to Trade (Ch. 9)
7. [10/18] Classical Market Failure: Externalities (Ch. 10)
- [10/25] Midterm (Ch. 1-10)
8. [11/ 1 ] Classical Market Failure: Public Goods (Ch. 11)
9. [11/ 8 ] Tradable Permit Markets and Cost of Production (Ch. 13)
10. [11/22] Competitive Markets (Ch. 14)
11. [11/29] Monopoly (Ch. 15)
12. [12/ 6 ] Monopolistic Competition (Ch. 16)
13. [12/13] Oligopoly (Ch. 17)
14. [12/20] Factor Market, Wage Differentials and Discrimination (Ch. 18, 19)
15. [12/27] Asymmetric Information, Political Economy and Behavioral Economics (Ch.22)
- [ 1 / 3 ] Final Exam (Ch. 1-22) (Cumulative, but emphasis is on the second half.)
16. [ 1 /10] Theory of Consumer Choice and Information Markets (Ch. 21 and Holt, Ch.34)