

# 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 (社科院頤賢館 754 室)

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

Classroom and Time: Management 2nd Building 104 (管二 104) - Friday 9:10am-12:10pm

Review Sessions: Monday/Wednesday 12:20-1:10pm M2B 101 (管二 101) by TA

Class website: [http://homepage.ntu.edu.tw/~josephw/principles\\_micro\\_16F.htm](http://homepage.ntu.edu.tw/~josephw/principles_micro_16F.htm)

**Textbook:** Acemoglu, Laibson and List (2015), *Economics*, Pearson. (雙葉)

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

## 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 (11/4 and 12/30).
- 5. Midterm (30%) and Final (40%):** 11/11 and 1/6, 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) 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 /12] The Principles and Practices of Economics (Ch. 1)  
[ 9 /14] Economic Methods and Economic Questions (Ch. 2)
- [ 9 /19] Optimization: Doing the Best You Can (Ch. 3)  
[ 9 /23] Demand, Supply and Equilibrium (Ch. 4)
- [ 9 /30] Consumers and Incentives (Ch. 5)
- [10/ 7 ] Sellers and Incentives (Ch. 6)
- [10/14] Perfect Competition and the Invisible Hand (Ch. 7)
- [10/21] Trade (Ch. 8)
- [10/28] Externalities and Public Goods (Ch. 9)
- [10/31] The Government in the Economy: Taxation and Regulation (Ch. 10)
  - [11/ 4 ] Quiz 1 [11/11] Midterm (3 hours: 9:10-12:10) - Ch.1-10.
- [11/18] Markets for Factors of Production (Ch. 11)
- [11/25] Monopoly (Ch. 12)
- [12/ 2 ] Game Theory and Strategic Play (Ch. 13)
- [12/ 9 ] Oligopoly and Monopolistic Competition (Ch. 14)
- [12/16] Trade-offs Involving Time and Risk (Ch. 15)
- [12/23] The Economics of Information (Ch. 16); Auctions and Bargaining (Ch. 17)
  - [12/30] Quiz 2 [1/6] Final Exam (3 hours: 9:10-12:10) - Cumulative, focuses Ch.11-17.
- [ 1/13] Social Economics (Ch. 18); Ten Principles of Taiwanese Economics