

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

Instructor: Joseph Tao-yi Wang (王道一) - Social Science Building (社科院頤賢館) Room 754  
Office Hours: Friday after class (12:10-1pm) at classroom or by email (josephw "at" ntu.edu.tw)  
Lectures: Liberal Education Classroom Building 103 (博雅 103) - Friday 9:10am-12:10pm  
Review Sessions: Monday/Wednesday 12:20-1:10pm at the same room as lecture by TA 張振鴻  
Class website: [http://homepage.ntu.edu.tw/~josephw/principles\\_micro\\_19F.htm](http://homepage.ntu.edu.tw/~josephw/principles_micro_19F.htm)

**Textbook:** Mankiw (2019), *Principles of Economics*, 8<sup>th</sup> ed., Asian Edition, Cengage. (東華)

**Reference:** Acemoglu, Laibson and List (2018), *Economics*, 2<sup>nd</sup> ed., Pearson. (雙葉)

## Grades and Requirements:

- 1. Classroom Experiment Participation (15%):** In-class experiments happen weekly. If you earn more than 15%, you get a "tie-breaker" which bumps you up one letter grade (A to A+, A- to A, etc.) when you happen to be the highest-scoring person in that grade.
- 2. Homework Assignment (3%):** Homework problems appear in the ending slide of each chapter. You are required to hand them in 7 days after they appear in class (online). The "strike-out" rule applies, so not turning in one homework costs 1% each (up to 3%). Since the TA will NOT grade it, try it out yourself instead of copying someone's answers.
- 3. Exam-Giving Contest (2%):** Propose in groups "Economics in the News" problems for the Midterm/Final exam (1% each) and your problem may appear in the actual exam!
- 4. Quizzes (10%):** One quiz (5% each) before each exam as practice (10/23 and 1/3).
- 5. Midterm (30%) and Final (40%) Exams:** 11/8 and 1/10, 9:10am-12:10pm in class. Submit request of absence in writing *before* 9am exam day (except for emergencies).

Note: (a) If you do better in the final than the midterm, it counts as 70% (replacing the midterm).

(b) Submit re-grading requests in writing within one week we return the exam, and the TA will re-grade your entire exam. So, think carefully before you ask!

(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 / 9 ] Ten Principles of Economics (Ch. 1)
  - [ 9 /11] Production Possibility Frontier (Ch. 2)      [9/16] Gains from Trade (Ch. 3)
- [ 9 /20] Supply and Demand (Ch. 4)
- [ 9 /27] Elasticity and Intervening the Market (Ch. 5, 6)
- [10/ 4 ] Markets and Welfare: Application to Taxation (Ch. 7, 8)
- [10/18] Markets and Welfare: Application to Trade (Ch. 9)      [10/23] Quiz 1
- [10/25] Classical Market Failure: Externalities (Ch. 10)
- [11/ 1 ] Classical Market Failure: Public Goods and Common Resources (Ch. 11)
  - [11/ 8 ] Midterm (Ch. 1-11)
- [11/18] & [11/20] Cost of Production (Ch. 13)
- [11/22] Competitive Markets (Ch. 14)
- [11/29] Monopoly (Ch. 15)
- [12/ 6 ] Monopolistic Competition (Ch. 16)
- [12/13] Oligopoly (Ch. 17)
- [12/20] Factor Market, Wage Differentials and Discrimination (Ch. 18, 19)
- [12/27] Frontiers of (Micro-)Economics (Ch.22)      [ 1 / 3 ] Quiz 2
  - [ 1/10] Final Exam (Ch. 1-22) (Cumulative, but focus on the second half, Ch. 13-22)