

**National Chung Cheng University
Institute of International Economics**

Microeconomic Theory (個體經濟理論一)

Autumn, 2006

Instructor:

Dr. Kang Liu (劉 鋼)

Room 333, College of Management

Phone: 05-272-0411 ext. 34120

E-Mail: ECDKL@CCU.EDU.TW

Class Number, Time and Place:

Course Number: 5105101

Class Number: 03

Wed. & Fri. 10:15-11:30 Period C

Room 336, College of Management

Office Hours:

Thursday 15:00-17:00 p.m. or see me before or after class if you have questions. You may also contact me via e-mail, or call me in the office. If necessary, we can also schedule an appointment.

Textbook: (Required)

1. Mas-Colell, A., Michael D. Whinston and Jerry R. Green (1995), *Microeconomic Theory*, New York, Oxford: Oxford University Press. (MWG)
2. Jehle, G. A. and Philip J. Reny (2001), *Advanced Microeconomic Theory Second Edition*, Addison Wesley Press. (JR)
3. Rubinstein, A. (2006), *Lecture Notes in Microeconomic Theory The Economic Agent*, Princeton University Press. (R)

Course Objective:

Grading Composition:

Examination 1 (Date: Friday, September 29, in class)	= 15 points
Examination 2 (Date: Friday, October 27, in class)	= 25 points
Examination 3 (Date: Friday, November 24, in class)	= 25 points
Final Examination (Date: Friday, December 29, in class)	= 30 points
Class Participation	= 5 points
TOTAL	= 100 points

In addition to the required textbooks, a number of readings are required. The required readings are marked with a “*” on the reading list. The other entries are not required but are recommended for additional background or supplemental material to the required readings. You should be prepared to participate in class discussions of the

required readings.

Reading List:

Chiang, A. C. (1992), *Elements of Dynamic Optimization*, McGraw-Hill, Inc.

Deaton, A. and J. Muellbauer (1980), *Economics and Consumer Behavior*, Cambridge University Press.

Chambers, R. G. (1988), *Applied Production Analysis The Dual Approach*, Cambridge University Press.

Solow, D. (2002), *How To Read and Do Proofs Third Edition*, John Wiley & Sons, Inc. Press.

Garnier, R. and J. Taylor (1996), *100% Mathematical Proof*, John Wiley & Sons, Inc. Press.

Chiang, A. C. (1984), *Fundamental Methods of Mathematical Economics Third Edition*, McGraw-Hill Book Company Press.

Hoy, M., J. Livernois, C. McKenna, R. Rees and T. Stengos (1996), *Mathematics for Economics*, Addison-Wesley Press.

Eker, T. Harv (2006) (陳佳伶 譯), 《有錢人想的和你不一樣》, 台北: 大塊文化出版股份有限公司。

Course Outline

A. Mathematic Tools

1. (MWG) Mathematical Appendix pp. 926-970
2. (JR) Chapters A1-A2 pp. 407-512
3. Mathematical Proofs

B. Preference and Choice

1. (MWG) Ch. 1 pp. 5-16

C. Consumer Choice

1. (MWG) Ch. 2 pp. 17-39

D. Classical Demand Theory

1. (MWG) Ch. 3 pp. 40-104

E. Aggregate Demand

1. (MWG) Ch. 4 pp. 105-126

F. Production

1. (MWG) Ch. 5 pp. 127-166
2. (JR) Ch. 3.2 pp. 118-125

- G. Choice under uncertainty
 - 1. (MWG) Ch. 6 pp. 167-216
 - 2. (JR) Ch. 2.4 pp. 92-116
- H. Social Choice Theory (Time Permitted)
 - 1. (MWG) Ch. 21 pp. 789-816
 - 2. (JR) Ch. 6 pp. 239-264
- I. Elements of Welfare Economics and Axiomatic Bargaining (Time Permitted)
 - 1. (MWG) Ch. 22 pp. 817-856