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國立東華大學

教學計劃表 Syllabus

課程名稱(中文) Course Name in Chinese	個體經濟分析（一）			學年/學期 Academic Year/Semester	101/1
課程名稱(英文) Course Name in English	Microeconomic Analysis (I)				
科目代碼 Course Code	IIE_54700	系級 Department & Year	碩士	開課單位 Course-Offering Department	經濟學系
修別 Type	必修 Required	學分數/時間 Credit(s)/Hour(s)	3.0/3.0		
授課教師 Instructor	/林奇蓉				
先修課程 Prerequisite	/				

課程描述 Course Description

This course is designed for the first-year master students in economics. In this course, we will cover the basic topics of microeconomics including consumer theory, producer theory and partial equilibrium markets. We may venture into the theory of uncertainty and game if time allows.

課程目標 Course Objectives

為本所核心課題之一，本所學生必修具有總體與個體經濟理論訓練，才能根據經濟理論作實證分析，及各種經濟預測等。

圖示說明Illustration ：● 高度相關 Highly correlated ○中度相關 Moderately correlated

授 課 進 度 表 Teaching Schedule & Content

週次Week	內容 Subject/Topics	備註Remarks
1	09/21 Lecture 0: Overvie	
2	09/28 Lecture 1: Mathematical Review (Logic Elements, Sets, Function)	
3	10/05 Lecture 2: Mathematical Review II (Definite and Semidefinite Matrics, Tests for Definite Matrices, Optimization)	
4	10/12 Lecture 3: Consumer Theory I (Reference, Utility, The Consumer's Problem)	
5	10/19 Lecture 4: Consumer Theory II (The Indirect Utility Function, The Expenditure Function, Relationships between Marshallian and Hicksian, The Slutsky Equation, Elasticity, Aggregation in Consumer Demand)	
6	10/26 The First Midterm Exam	
7	11/02 Lecture 5: Topics in Consumer Theory (Duality, Integrability, Revealed Preference)	
8	11/09 Lecture 6: Theory of the Firm (Technology of Production, Production Function, Returns to Scale, Cost, The Competitive Firm, Duality in Production	
9	11/16 Lecture 6: Theory of the Firm (Technology of Production, Production Function, Returns to Scale, Cost, The Competitive Firm, Duality in Production)	
10	11/23 International Culture Day	

11	11/30 Lecture 7: Some Production Functions and Cost Functions (Technology of Production, Production Function, Returns to Scale, Cost, The Competitive Firm,Duality in Production, Some Production Functions and Cost Functions)	
12	12/07 The Second Midterm Exam	
13	12/14 Lecture 8A: Partial Equilibrium (Perfect Competition, Monopoly, Oligopoly, Monopolistic Competition	
14	12/21 Lecture 8B: Partial Equilibrium (Welfare)	
15	12/28 Lecture 9: Uncertainty (Preferences, Von Neumann-Morgenstern Utility, Risk Aversion, Certainty Equivalence)	
16	01/04 Lecture 9: Uncertainty (Preferences, Von Neumann-Morgenstern Utility, Risk Aversion, Certainty Equivalence)	
17	01/11 The Final Exam	
18		

教 學 策 略 Teaching Strategies

☑ 課堂講授 Lecture ☐ 分組討論Group Discussion ☐ 參觀實習 Field Trip

☐ 其他Miscellaneous:

學期成績計算及多元評量方式 Grading & Assessments

配分項目 Items	配分比例 Percentage	多元評量方式 Assessments							
		測驗會考	實作觀察	口頭發表	專題研究	創作展演	卷宗評量	證照檢定	其他
平時成績 General Performance									
期中考成績 Midterm Exam	30%	✓							
期末考成績 Final Exam	35%	✓							
作業成績 Homework and/or Assignments									
其他 Miscellaneous (The Second Midterm Exam)	35%	✓							

評量方式補充說明
Grading & Assessments Supplemental instructions

教科書與參考書目（書名、作者、書局、代理商、說明）
Textbook & Other References (Title, Author, Publisher, Agents, Remarks, etc.)

Textbooks: The required textbook for this course will be J&R. However, the following textbooks have relative strength, therefore I will draw my lectures from the following to varying degrees.

**Jehle, G.A. and P.J. Reny, Advanced Mircoeconomic Theory, Addison-Wesley, 2001.
*Luenberger, D.G., Mircoeconomic Theory, McGraw-Hill, 1995.
*Varian, H.R., Microeconomic Analysis, W. W. Norton & Company, 1992.
Mas-Collel, A., Whinston, M.D. and J.R. Green, Microeconomic Theory, Oxford University Press, 1995.

課程教材網址（教師個人網址請列在本校內之網址）
Teaching Aids & Teacher's Website (Personal website can be listed here.)

The course website is at Dong Hwa e-Learning http://134.208.7.42/

其他補充說明 (Supplemental instructions)