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②國玄東華大學

教學計劃表 Syllabus

課程名稱(中文) Course Name in Chinese	環境經濟學				學年/學期 Academic Year/Semester		101/2	
課程名稱(英文) Course Name in English	Environmental Economics							
科目代碼 Course Code	EC40200	系級 Department 學三 & Year		開課單位 Course-Offering Department	經濟學系			
修別 Type	學程 Program	學分數/時間 Credit(s)/Hour(s)			3.0/3.0			
授課教師 Instructor	/林慧菁							
先修課程 Prerequisite	/*經濟學原理-個體篇							

課程描述 Course Description

使同學瞭解當前的環境保護政策背後的經濟理念,並學習如何以經濟分析工具評估環境保護政策的利弊得失

課程目標 Course Objectives

使同學瞭解當前的環境保護政策背後的經濟理念,並學習如何以經濟分析工具評估環境 保護政策的利弊得失。

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	Introduction	
2	The Role of Economics in Environmental Management?	
3	Modeling the Market Proces	
4	Modeling Market Failure	
5	Conventional Solutions to Environmental Problems: The Command-and-Control Approach	
6	Economic solutions to Environmental Problems: The Market Approach	
7	Environmental Risk Analysis	
8	Environmental Risk Analysis (cont.)	
9	期中考試週 Midterm Exam	
10	Assessing Benefits for Environmental Decision Making	
11	Assessing Benefits for Environmental Decision Making Assessing Costs for Environmental Decision Making	
12	Assessing Costs for Environmental Decision Making (cont.)	
13	Benefit-Cost Analysis	
14	Benefit-Cost Analysis (cont.)	
15	Defining Air Quality: The Standard-Setting Process	

16	Improving Air Quality: Controlling Mobile sources									
17	Improving Air Quality: Controlling Stationary Sources									
18	期末考試週 Final Exam									
教學策略 Teaching Strategies										
✓ 課堂講授 Lecture ✓ 分組討論Group Discussion 参觀實習 Field Trip										
✓ 其他Miscellaneous: <u>期末研究分析報告</u>										
學期成績計算及多元評量方式 Grading & Assessments										
	 2分項目	配分比例				多元評量	量方式 A	ssessme	nts	
	Items	Percentage	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(含出缺席) General Performance (Attendance Record)		10%		~	~					
期中考成績	Midterm Exam	0%								
期末考成績	Final Exam	30%	~							
作業成績 Homework and/or Assignments										
其他 Miscel (期末報告)	llaneous	60%			~	~				
		Grading & A		量方式和 ents Sun			ruction	S		
Grading & Assessments Supplemental instructions 期末報告60%(期中大綱報告20%,成果報告40%),期末考30%,課堂表現(出席率)10%。										
	Textbook & Oth	教科書與參考 per Reference:							s. etc)
Textbook & Other References (Title, Author, Publisher, Agents, Remarks, etc.) S. J. Callan and J. M. Thomas (2013), Environmental Economics and Management: Theory, Policy, and										
Applications, 6th edition, South-Western, International Edition.										
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.)										
http://faculty.ndhu.edu.tw/~hclin/env-econ.html										
其他補充說明(Supplemental instructions)										