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②國玄東華大學 教學計劃表 Syllabus

	名稱(中文) me in Chinese	環境經濟學			學年/學期 Academic Year/Seme	107/2		
	名稱(英文) me in English	Environmental Economics						
	·目代碼 rse Code	EC74600	系級 Department & Year	博士	開課單位 Course-Offering Department	經濟學系		
	修別 Type	1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1						
	課教師 tructor	/林慧菁						
	修課程 equisite							
		課	程描述 Cours	e Descrip	otion			
主要以講解並討論研究分析環境經濟議題的期刊論文與相關文獻,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 Cour	se Object	tives			
介紹當前的環境經濟政策之理論架構與分析方法,如:environmental philosophy and ethics, markets and efficiency, the valuation of environmental amenities, pollution regulation, policy options and analysis; and international issues.								
課程目標與系專業能力和關性 系專業能力 Correlation between Course Objectives Basic Learning Outcomes and Dept.'s Education Objectives						力相關性 relation between ourse Objectives and Dept.'s		
A analys	數理分析能力:通曉經濟學的理論技巧,應用數學與賽局解決經濟議題的能力。Mathematical analysis skills: Mastering in application of mathematical theories and game theory in analyzing economic issues.							
B 析。En	實證經濟分析能力:通曉經濟學的實證技巧,善用資訊科技進行資訊蒐集、資料統計與計量分							
	安姆 您添 > 閱釋 的 力: 通							
	继活能力:具供滴應現代社會的學業以及就業能力。Fmployment opportunities Capabilities							
F Having	溝通表達能力: 思路清晰, 有能力與人溝通並撰寫專業研究報告。Communication skills:							
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	週次Week 内容 Subject/Topics						備註Remarks	
1	開學週							
2	課程介紹 Hanley: the Ecc	onomics Perspec	tive on the E	nvironmer	nt (Ch 1)			

	Hanley: (Ch 1),	
3	Issues and Trend: D. A. Underwood (1998), "The institutional origins of crisis for	
	economy and ecology",	
	Journal of Economic Issues, 32(2), 513-522. Issues and Trend: (continued)	
	D. A. Underwood (1998), "The institutional origins of crisis for	
	economy and ecology", Journal of Economic Issues, 32(2), 513-522.	
4		
	Bill Shaw (2001), "Economics and the environment-A land ethic critique of economic policy",	
	Journal of Business Ethics, 33, 51-57.	
	Issues and Trend: (continued)	
	Paul R. Portney(2000), "Environmental Problems and Policy: 2000-2050",	
5	The Journal of Economic Perspectives, 14(1), 199-206.	
	optional:	
	Brian R. Copeland; M. Scott Taylor (2004), "Trade, Growth, and the Environment",	
	Journal of Economic Literature, 42(1), 7-71.	
6	Basic Concepts:Market Failure (Hanley Ch 2, p. 22-42)	
7	Basic Concepts:Market Failure (Hanley Ch 2, p. 22-42)	
	The Problem of Social Cost R. H. Coase	
8	Journal of Law and Economics, Vol. 3, Oct., 1960 (Oct., 1960), pp.	
	1-44.	
9	期中考試週 Midterm Exam	
	The Problem of Social Cost: R. H. Coase, "The Problem of Social Cost", Journal of Law and	
10	Economics, Vol. 3, Oct., 1960 (Oct., 1960), pp. 1-44.	
	and comments	
	The "Coase Theorem": A Reexamination—Comment	
	Jeffrey F. Jaffe The Quarterly Journal of Economics, Vol. 89, No. 4. (Nov., 1975),	
1.	pp. 660-661.	
11	The "Coase Theorem": A Reexamination	
	G. A. Mumey	
	The Quarterly Journal of Economics, Vol. 85, No. 4. (Nov., 1971), pp. 718-723.	
	Information: (Ch 2, p. 43-57)	
	Information and the Coase Theorem Joseph Farrell	
12	The Journal of Economic Perspectives, Vol. 1, No. 2. (Autumn, 1987), pp. 113-129.	
	and Externalities:	
	Externalities:	
	Decentralization, Externalities, and Efficiency Peter Klibanoff; Jonathan Morduch	
13	The Review of Economic Studies, Vol. 62, No. 2. (Apr., 1995), pp.	
	223–247.	
	and Asymmetric Information	

	Externalities and Asymmetric Information Jeremy Greenwood; R. Preston McAfee					
The Quarterly Journal of Economics, Vol. 106, No. 1. (Feb., 1991), pp. 103-121.						
	Regulation and innovation: (Porter's Hypothesis) Tightening Environmental Standards: The Benefit-Cost or the No-Cost Paradigm? Karen Palmer; Wallace E. Oates; Paul R. Portney The Journal of Economic Perspectives, Vol. 9, No. 4. (Autumn,					
15	1995), pp. 119–132.					
	Toward a New Conception of the Environment-Competitiveness Relationship Michael E. Porter; Claas van der Linde The Journal of Economic Perspectives, Vol. 9, No. 4. (Autumn,					
	1995), pp. 97-118.					
16	Pollution Control Polic (Porter's Hypothesis) A theoretical foundation of the Porter hypothesis Stefan Ambec and Philippe Barlac Economics Letters					
	Volume 75, Issue 3, May 2002, Pages 355-360					
	Transaction Costs and Tradeable Permits Stavins Robert N. Journal of Environmental Economics and Management Volume 29, Issue 2, September 1995, Pages 133-148 y and R&D					
17						
		1. Oral presentation				
18	期末考試週 Final Exam (期末口頭報告)(交take-home exam)	2. hand in your take- home exam				
	教學策略 Teaching Strategies					
✓ 課堂講	授 Lecture	Field Trip				
 其他Mi	scellaneous:					
	教學創新自評Teaching Self-Evaluation					
創新教學(Innovative Teaching)					
問題導	向學習(PBL) 解決導向星	學習(SBL)				
翻轉教	室 Flipped Classroom					
社會責任(Social Responsibility)					
在地實	踐Community Practice 產學合作 Industy-Academia Cooperat	ion				
跨域合作(Transdisciplinary Projects)					
一 跨界教	學Transdisciplinary Teaching 跨院系教學Inter-collegiate Teaching	g				
業師合	授 Courses Co-taught with Industry Practitioners					
其它 othe	r:					
1		·				

學期成績計算及多元評量方式 Grading & Assessments									
配分項目	配分比例 Percentage	多元評量方式 Assessments							
Items		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	30%	>							
期末考成績 Final Exam	30%	~							
作業成績 Homework and/or Assignments	30%			~					口頭報告後並繳交 學其報告1篇
其他 Miscellaneous									

評量方式補充說明

Grading & Assessments Supplemental instructions

期末報告一篇,期中、期末考(take-home exam)。

期末報告:佔30%,

期中、期末考:各佔30%,

平時成績:佔10%

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.)

參考資料(教科書)

Hanley, N., J. F. Shogren and B. White, 1997, Environmental Economics: in Theory and Practice, Oxford University Press. (代理商未知,如無法買到,可能以印講義方式或以替代教材處理)

參考資料:將於課前通知,如有可能將放在網頁上供同學下載。

Freeman, A. M., III, 1993, The Measurement of Environmental and Resource Values, Washington DC: Resources for the Future.

Dorfman, R. and N. S. Dorfman, eds., 1993, Economics of the Environment: Selected Readings, 3rd Edition. New York: Norton.

等等……

課程教材網址(含線上教學資訊,教師個人網址請列位於本校內之網址)

Teaching Aids & Teacher's Website(Including online teaching information.

Personal website can be listed here.)

http://faculty.ndhu.edu.tw/~hclin/index.html

其他補充說明 (Supplemental instructions)