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②图 i 東華大學 教學計劃表 Syllabus

		秋日	一可到农	Syll	abus				
	課程名稱(中文) urse Name in Chinese 財務經濟學(一) Ac				學年/學期 Academic Year/Seme				
	名稱(英文) me in English	Financial Economics (I)							
	十目代碼 rse Code	系級 開課單位 Course-Offer & Year Department				經濟學系			
	修別 Type	選修 Elective)/3.0						
	e課教師 structor	/李同龢							
	先修課程 Prerequisite								
		課	程描述 Course	e Descrip	tion				
This course intends to introduce the student to the applications in financial economics field, and analytical tools applicable to analyze securities, particularly using R.									
		課	程目標 Cours	se Object	ives				
Its purpose is to provide the foundations for study of modern financial economics. Concentration is on individuals' consumption and portfolio decisions under uncertainty and their implications for the valuation of securities.									
条專業能力 Basic Learning Outcomes							課程目標與系專業能 力相關性 Correlation between Course Objectives and Dept.'s Education Objectives		
A Mathe	數理分析能力:通曉經濟學的進階理論技巧,應用數學與賽局解決經濟議題的能力。A. Mathematical analysis skills: Mastering in intermediate application of mathematical theories and game theory in analyzing economic issues.								
B 分析。	實證經濟分析能力:通曉經濟學的進階實證技巧,善用資訊科技進行資訊蒐集、資料統計與計量								
C Thoro	微觀經濟之闡釋能力:通曉進階個體經濟學相關的理論與應用。Microeconomic perspective:								
D Thoro	宏觀經濟之闡釋能力:通曉進階總體經濟學相關的理論與應用Macroeconomic perspective:								
E Capab	樂活能力:具備適應現代社會的進階學養以及就業能力Employment opportunities:								
溝通表 F Havin	溝通表達能力: 思路清晰, 有能力與人溝通並撰寫進階專業研究報告。Communication skills:								
圖示說明I	llustration :	● 高度相關 Hi	ghly correla	ated 〇中	度相關 Moderately	correl	ated		
授課進度表 Teaching Schedule & Content									
週次Week		內容	內容 Subject/Topics				備註Remarks		
1	Introduction: A	nalytical thinking and introduction to R							

2	Introduction to R						
3	Financial statistics						
4	Time series I						
5	Time series II						
6	Equity I						
7	Equity I I						
8	Fixed income						
9	Midterm project presentation						
10	Portfolio I						
11	Portfolio II						
12	Derivatives I						
13	Derivatives II						
14	Banking						
15	Risk management I						
16	Risk management II						
17	Dependence						
18	Project presentation						
	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) 團體合作學習(TBL) 解決導向學	로컬(SBL)					
翻轉教	室 Flipped Classroom 磨課師 Moocs						
社會責任(Social Responsibility)						
	踐Community Practice	on					
跨域合作(Transdisciplinary Projects)							
□ 跨界教學Transdisciplinary Teaching □ 跨院系教學Inter-collegiate Teaching							
□ 業師合授 Courses Co-taught with Industry Practitioners							
其它 othe	r:						

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	35%		~		✓				
期末考成績 Final Exam	35%		~		~				
作業成績 Homework and/or Assignments	20%		~						
其他 Miscellaneous									

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.)

No required textbook. Handouts will be used in the class.

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.)

其他補充說明(Supplemental instructions)