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②图 i 東華大學 教學計劃表 Syllabus

		1	百計劃衣	Syll	abus				
	B稱(中文) me in Chinese	財務經濟學(一)			學年/學期 Academic Year/Sen	nester	ster 110/1		
	名稱(英文) me in English	Financial Economics (I)							
	目代碼 rse Code	系級 開課單位 Course-Offering Department Department					經濟學系		
	修別 Type	選修 Elective							
	課教師 tructor	/李同龢							
先修課程 Prerequisite									
		課	程描述 Cours	e Descript	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 Cour	se Objecti	ives				
economics.	is to provide Concentration i nder uncertaint	s on individual	ls' consumpti	ion and po	rtfolio				
系專業能力 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		
數理分析能力:通曉經濟學的高階理論技巧,應用數學與賽局解決經濟議題的能力。 A Mathematical analysis skills: Mastering in advanced application of mathematical theories and game theory in analyzing economic issues.							0		
實證經濟分析能力:通曉經濟學的高階實證技巧,善用資訊科技進行資訊蒐集、資料統計與計量 B 分析。Empirical analysis skills: Mastering in advanced application of statistics and econometrics in data collection and examination									
C 微觀經濟之闡釋能力:通曉高階個體經濟學相關的理論與應用。Microeconomic perspective: Thorough understanding of advanced microeconomic theories and relevant application 宏觀經濟之闡釋能力:通曉高階總體經濟學相關的理論與應用。Macroeconomic perspective:							0		
Thorough understanding of advanced macroeconomic theories and relevant application									
樂活能力:具備適應現代社會的高階學養以及就業能力。Employment opportunities: E Capabilities of advanced working on important policy and decision challenges in business and government									
溝通表達能力:思路清晰,有能力與人溝通並撰寫高階專業研究報告。Communication skills: Having a clear mind and profound ability in presenting advanced professional academic research									
圖示說明Ⅱ	lustration :	● 高度相關 Hi	ghly correla	ated 〇中	度相關 Moderatel	y corre	lated		
		授課進	度表 Teaching	g Schedule	e & Content				
週次Week	次Week 内容 Subject/Topics						備註Remarks		
1	1 Introduction: Analytical thinking and 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	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 ✓ 分組討論Group Discussion								
 其他Mi	scellaneous:							
	th 朗 Al to A At Tanahing Calf Fralestian							
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) 解決導向學習(SBL)								
問題導向學習(PBL) ■ 團體合作學習(TBL) 解決導向學習(SBL) ■ 翻轉教室 Flipped Classroom ■ 磨課師 Moocs								
社會責任(Social Responsibility)								
在曾真在(Socrar Responsibility) 在地實踐Community Practice 產學合作 Industy-Academia Cooperation								
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 other:								

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)

 $\label{thm:condition} \mbox{Teaching Aids \& Teacher's Website} (\mbox{Including online teaching information.}$

Personal website can be listed here.)

Online class, if any:

google meet: https://meet.google.com/nhf-bxrk-ekv

其他補充說明(Supplemental instructions)