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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 | 投資評估與實質 | 選擇權 | | 學年/學期 Academic Year/Semester | | 114/1 | |
|------------------------------------|--|-------------------------------|--|---------------------------------------|--------|-------|--|
| 課程名稱(英文) Course Name in English | Investment Evaluation and Real Options | | | | | | |
| 科目代碼 Course Code | BM84500 | 系級 Department 博士 & Year | | 開課單位 Course-Offering Department | 企業管理學系 | | |
| 修別 Type | 選修 Elective | 學分數/時 Credit(s)/Hou | | 3.0/3.0 | | | |
| 授課教師 Instructor | /林達榮 | | | | | | |
| 先修課程 Prerequisite | | | | | | | |

課程描述 Course Description

課程描繪:

- 1. 理論與學術論文導讀
- 2. Steps by Steps 訓練學術論文撰寫
- 3. 投資決策評估之論文撰寫技巧訓練

課程目標:

- 1. 傳統投資評估與實質選擇權等方法之簡介
- 2. 相關學術論文導讀
- 3. 模型開發與論文撰寫訓練
- 4. 研討會論文投稿與期刊論文撰寫協助

課程目標 Course Objectives

傳統投資學以教授金融投資為主要目標,對於實體資本投資卻付之闕如,本課程除介紹在資本投資之各種傳統評估方法外,亦將引入動態評估理論,例如狀況分析、敏感性分析、決策樹分析、及模擬分析,最後,我們將介紹以選擇權定價理論為基礎的現代投資評估理論。同學在修習完本課程之後,將具有資本計畫評估與決策之基本概念

| | 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 | 具備國際企業管理之知識與能力。Students will have basic knowledge of international business. | 0 |
| В | 具備邏輯思考、問題分析與解決之能力。Students will be able to identify, analyze and solve business problems with logical thinking. | • |
| С | 具備溝通協調與團隊合作之能力。Students will be able to demonstrate effective communication, coordination and teamwork skills. | 0 |
| D | 具備國際觀及外語溝通之能力。Students will be able to communicate in foreign languages and have an awareness on global and cultural diversity issues. | 0 |
| Е | 具備創新、創業之思維與能力。To build a the concept and ability for innovation and entrepreneurship. | • |
| F | 具備服務設計與產業分析之能力。Students will be able to demonstrate the abilities for service design and industry analysis. | • |
| G | 具備國際企業倫理之素養。Students will be able to identify and understand the importance of ethical decision making for international business | 0 |
| 圖示: | 。 說明Illustration : ▲ 喜度相關 Highly correlated ○中度相關 Moderately co | rrelated |

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 (09/11) | 教學大綱/課程進度說明 | | | |
| 2 | Basic Investment Theorem (I) (09/18) | 個人編修講義 | | | |
| 3 | Basic Investment Theorem (II) (09/25) | 個人編修講義 | | | |
| 4 | Portfolio and Real Options (I) (10/02) | 個人編修講義 | | | |
| 5 | Portfolio and Real Options (II) (10/09) | 個人編修講義 | | | |
| 6 | Portfolio and Real Options (III) (10/16) | 個人編修講義 | | | |
| 7 | Static and Dynamic Evaluation Approach (I) (10/23) | 個人編修講義 | | | |
| 8 | Static and Dynamic Evaluation Approach (II) (10/30) | 個人編修講義 | | | |
| 9 | Midterm Exam (No class) Mid-term Report (11/06) | | | | |
| 10 | Paper Reading (I) TBA(11/23) | | | | |
| 11 | Paper Reading (II) TBA (11/20) | | | | |
| 12 | Paper Reading (III) TBA (11/27) | | | | |
| 13 | Final Term Paper (I) (12/04) | 研究模型探討(1) | | | |
| 14 | Final Term Paper (II) (12/11) | 研究模型探討(2) | | | |
| 15 | Final Term Paper (III)(12/18) | 研究模型探討(3) | | | |
| 16 | Final Exam (12/25) No Class | | | | |
| 17 | 元旦 (01/01) (No class) | | | | |
| 18 | 教師彈性補充教學 (06/15) | | | | |

| 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: |
| 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) |
| 翻轉教室 Flipped Classroom 磨課師 Moocs |
| 社會責任(Social 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 | 多元評量方式 Assessments | | | | | | | |
| 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) | 20% | | ~ | ~ | | | | | |
| 期中考成績 Midterm Exam | 30% | | ~ | ~ | ~ | ~ | | | 期中個人書面報告 30% |
| 期末考成績 Final Exam | 50% | | ~ | ~ | ~ | ~ | | | 期末Term Paper提 交50% |
| 作業成績 Homework and/or Assignments | | | | | | | | | |
| 其他 Miscellaneous | | | | | | | | | |

評量方式補充說明

Grading & Assessments Supplemental instructions

評量方式

- 1. 上課互動20%
- 2. 導讀理解30%
- 3. term paper 創意與思考25%
- 4. term paper 撰寫與完成25%

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.)

個人編修講義

參考書籍

Brief Calculus and Its Application, 13 ed., Goldstein/Lay/Schneider/Asmar, Pearson, 2018.

Finance in Continuous Time: A Primer, Shimko, Kolb Pub. 1992.

Investment Under Uncertainty, Dixit/Pindyck, Princeton, 1994.

Real Options, Copeland/Antikarov, Terere, 2001.

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/~tyrone/index3.htm

其他補充說明(Supplemental instructions)

依修課同學的背景,全程導讀與協助term paper撰寫