朝陽科技大學 095學年度第2學期教學大綱 Advanced Financial Mathematics 高等財務數學

授課教師 林益倍 中文課名 高等財務數學 開課單位 財務金融系碩士班一A 修習別 必修 學分數 3 本課程主要目標是討論管理數 本觀念,希望對學生研讀財務 他相關領域的文章與知識能有 助,並達成下列子目標:(1) 提構研究主題的能力。(2)幫財 現行財務領域知的了解。(3) 挑對相關專業知識與文獻的探討 本課程以中文授課,教材以老的 爲主,補助教材可參考: 'Huang and Litzenberger (198) Foundations for Financial	新 新 新 東	Advanced Financial Mathematics Int Int Int Int Int Int Int In
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作業40%,期末考30%,平時成為成績評量方式	績30% Grading	 Class participation and presentation are very important factors in the final grading. Some comprehensive quizzes are required in this course. Home Work 40%, Final 30% and Class participation 30%.
教師網頁 _		
本課程主要目的是提高同學數幫助同學看得懂財務金融專業重要文獻,以增加同學對財務金融專業興趣,本課程內容包括 1. Preference Representation 2. Efficient Frontier 3. The Arbitrage Approach 4. Stochastic process 5. Ito's Lemma 6. Stochastic Calculus 7. Martingales 8. Black-Scholes-Merton Mode	知識的 金融的 Syllabus	The primary objective of the course is to discuss ideas in managerial mathematics. I hope that doing this will help you meet several other objectives, namely, (1) Improve your ability to formulate viable study topics. (2) Improve your understanding of current areas of studying in finance. (3) Improve your ability to discuss and referee the work of others. Contents: *1. Preference Representation 2. Efficient Frontier 3. The Arbitrage Approach 4. Stochastic process 5. Ito's Lemma 6. Stochastic Calculus 7. Martingales 8. Black-Scholes-Merton Model