朝陽科技大學 091學年度第1學期教學大綱
Calculus 微積分

當期課號	3043	Course Number	3043
授課教師	許英麟	Instructor	HSU,YING LIN
中文課名	微積分	Course Name	Calculus
開課單位	財務金融系(四進)一A	Department	
修習別	必修	Required/Elective	Required
學分數	3	Credits	3
課程目標	著重在積分的介紹與應用.此課程乃要幫助學生學會反導數,以及它的推導和應用.另外也要幫助學生學會並運用部分積分和重積分的工具,去解決複雜的積分問題.若時間許可,泰勒多項式和無窮級數也會包含在此課程中,因其在財務金融的領域上也是常被用到的工具.	Objectives	This course will involve introduction to integration, the method of integration, the application of definite integration, partial derivatives, multi-integration, and, if time allowing, differential equations and Taylor polynomials and infinite series.
教材		Teaching Materials	
成績評量方式	平時考二次(30%), 期中考(30%), 期末考(30%), 上課表現(10%)	Grading	two tests(30%); Midterm(30%); Final(30%); Performance(10%)
教師網頁			
教學內容	讓學生瞭解微分以及積分的基本概念, 進而將這些概念應用到商業, 經濟等等範疇上.	Syllabus	The goal is enable the student to understand the fundamental principles of the differential and integral calculus, to master the basic techniques for applying these principles, and to appreciate the broad applicability of these principles and techniques to real, applied problems in a broad range of disciplines.

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