朝陽科技大學 091學年度第2學期教學大綱
Calculus 微積分

當期課號	3068	Course Number	3068
授課教師	顏盟□	Instructor	YEN,MENG FENG
中文課名	微積分	Course Name	Calculus
開課單位	財務金融系(四進)一B	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	授課加習題	Teaching Materials	lectures plus exercises
成績評量方式	小考兩次:15%/每次 期中考:30% 期末考:40%	Grading	two quizzes:15%/each mid-term exam:30% final exam:40%
教師網頁			
教學內容	本學期課程乃沿續上學期的課程,但著重在積分的介紹與應用	Syllabus	Lectures will be given based on the textbook 'Calculus for Business and Management' used for the first semester, written and edited by Jhuang Shao-Rong and Yang Jing-Song. The course will involve the application of derivatives, introduction to integration, the method of integration, the application of definite integration, partial derivatives, multi-integration, and, if time allowing, differential equations.

尊重智慧財產權，請勿非法影印。