朝陽科技大學 095學年度第1學期教學大綱
Calculus 微積分

當期課號	1035	Course Number	1035
授課教師	呂宜真	Instructor	LU,I CHEN
中文課名	微積分	Course Name	Calculus
開課單位	財務金融系(四日)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	[1].Swokowski, E.W., Calculus: The Classic Edition, Brooks/Cole, 1991. [2].Tan, S.T., 商用微積分 (Calculus for the Managerial, Life, and Social Sciences), Brooks/Cole (東華書局代理), 2006.	Teaching Materials	[1].Swokowski, E.W., Calculus: The Classic Edition, Brooks/Cole, 1991. [2].Tan, S.T., Calculus for the Managerial, Life, and Social Sciences, Brooks/Cole, 2006.
成績評量方式	期中考及期末考各佔35%,平時表現佔30%。	Grading	
教師網頁			
教學內容	此爲上下學兩學期之課程.本學期著重於函數的介紹.極限的概念.導數及其應用等.	Syllabus	Calculus is a two-semester module, the first half of which involoves mainly the introduction of functions, the concepts of limits, derivatives and the application of derivatives.

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