朝陽科技大學 092學年度第1學期教學大綱
Calculus 微積分

當期課號	3351	**Course Number**	3351
授課教師	武季蔚	**Instructor**	WU,CHEI WEI
中文課名	微積分	**Course Name**	Calculus
開課單位	會計系(四進)一B	**Department**	
修習別	必修	**Required/Elective**	Required
學分數	3	**Credits**	3
課程目標	數學模式廣泛應用在企業經營、經濟、統計、財務、管理等社會科學領域，其中微積分尤爲重點。因此，對微積分的了解有助於同學在其主修領域的學習。本課程按函數、極限、微分、積分之順序講授並隨時輔以範例說明其應用情形。	**Objectives**	Mathematic models are widely applied to business, economics, statistics, financial, management, and other social science fields. Of all these models, calculus is the most important. The realization in calculus will help students to study each major field. This course is to introduce function, limit, differentiation, and integration in order. And some real examples will be given to explain its application.
教材	課堂講授微積分基本名詞定義、定理、運算技巧及應用問題，利用部分上課時間讓學生實作練習，以增進學生了解及實際問題運用。	**Teaching Materials**	Introduce the basic defination, theorem, operational techniques and applied problems for differential calculus. Provide sufficient examples to help student learning. To help student understanding the application and improving the capabiblity of problem solving.
成績評量方式	1. 平時考 30% 2. 期中考 30% 4. 期末考 40%	**Grading**	1. Quizs: 30%。 2. Middle Term Exam.: 30%。 3. Final Exam.: 40%。
教師網頁			
教學內容	教授學生微積分之導函數及微分基礎理論與相關商業上的應用。	**Syllabus**	Teaching basic derivative and differential theory of calculus and related applications in business.

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