朝陽科技大學 092學年度第1學期教學大綱
Calculus(I) 微積分(一)

當期課號	1644	Course Number	1644
授課教師	謝定國	Instructor	HSIEH,DEAN KUO
中文課名	微積分(一)	Course Name	Calculus(I)
開課單位	應用化學系(四日)一A	Department	
修習別	必修	Required/Elective	Required
學分數	2	Credits	2
課程目標	本課程乃修習工程及應用科學之必備與先修課程，目在於讓學生清楚微積分重要觀念與應用。	Objectives	This course includes all the standard topics. It also includes a number of unique features: (1) to make the "Calculus" easier for students to learn through the use of examples, exercises, and graphs of differentiation and integration; (2) to help students appreciate the beauty of the definition of calculus through examples in "Physical Chemistry'.
教材	每節課以課本內容5頁爲教學進度，每週練習3~5個練習題；自第二週起開始小考。	Teaching Materials	Home work every week containing 3~5 problems.
成績評量方式	每2週1次小考，1次期中考，1次期末考。 總成績60分以下不及格，沒有補考機會。	Grading	Mid Exam (20%), Final Exam (20%), and Quiz every other week (60%).
教師網頁	_		
教學內容	從 "實數", "函數" 的觀念出發, 學習 "微分", "積分", "向量" 的技巧, 以及在化學上的應用.	Syllabus	Beginning with "real numbers" and "function", we'll go through "differentiation", "integration", "vector", and the application of these methods in chemistry.

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