朝陽科技大學 097學年度第1學期教學大綱
Calculus 微積分

當期課號	1038	Course Number	1038
授課教師	張阜民	Instructor	CHANG,FU MIN
中文課名	微積分	Course Name	Calculus
開課單位	財務金融系(四日)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	Tan, Applied Calculus 7th	Teaching Materials	Tan, Applied Calculus 7th
成績評量方式	Test, Quiz and attentency are compulsory.	Grading	Test, Quiz and attentency are compulsory.
教師網頁	http://www.cyut.edu.tw/~fmchang		
教學內容	In the first semester, four chapters will be lectured. (1) Preliminaries (2) functions, Limits, and the Derivative (3) differentiation (4) Applications of the Derivative.	Syllabus	In the first semester, four chapters will be lectured. (1) Preliminaries (2) functions, Limits, and the Derivative (3) differentiation (4) Applications of the Derivative.

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