朝陽科技大學 096學年度第1學期教學大綱
Mathematics for Life Insurance 壽險數理

當期課號	3205	Course Number	3205
授課教師		Instructor	
中文課名	壽險數理	Course Name	Mathematics for Life Insurance
開課單位	保險金融管理系(四進)四A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	1. 運用統計學及微積分之基礎，建構成壽險數理之基本架構，介紹精算數學中最基礎的計算原理，讓學生了解精算數理在保險中的重要性 2. 使學生能熟悉人壽保險的數理計算，進而考取專業證照 3. 使學生具保險金融從業人員之專業態度 4. 可做爲學生未來進修之基礎	Objectives	1. Foundation of statistics and calculus establishes basic structure of life insurance mathematics. The most fundamental calculation principle in actuary makes students understand importance of actuary in insurance. 2. Enabling studentsto be familiar with mathematics for life insurance to obtain professional certificates. 3. Enabling students to have professional attitudes in insurance and finance industry. 4. Serving as studentsfoundation on future study.
教材	隨堂筆記	Teaching Materials	Taking notes in the class
成績評量方式	平時成績 20% 期中考 40% 期末考 40%	Grading	class participation 20% mid-term exam 40% final exam 40%
教師網頁			
教學內容	本課程運用統計學及微積分之基礎，建構成壽險數理之基本架構，介紹精算數學中最基礎的計算原理，我們可了解精算數理在保險中的重要性，是進入精算領域中深入淺出的一門課程	Syllabus	The course introduces the application of statistic and calculus in life insurance, constructing the basic framework of actuarial mathematics. By introducing the basic principle of actuarial mathematics, we can understand the importance of actuarial mathematics in insurance. This course explains profound theories in simple language in actuarial region.

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