朝陽科技大學 098學年度第2學期教學大綱
Advanced windows programming 進階視窗程式設計

當期課號	2714	**Course Number**	2714
授課教師	戴紹國	**Instructor**	DAI,SHOU KUO
中文課名	進階視窗程式設計	**Course Name**	Advanced windows programming
開課單位	資訊管理系(四日)二B	**Department**	
修習別	選修	**Required/Elective**	Elective
學分數	3	**Credits**	3
課程目標	本門課爲"視窗程式設計"課程之延伸，將教授進階主題。期使學生對Windows 環境下程式設計有更進一步了解。將以實例講解與實作爲主，使學生熟習原理與操作，以增強自我學習的能力。主題將包含以下項目：1.The Basics, 2.Philosophy, 3.Techniques and Patterns, 4.Using Or Adapting Specific Components, 5.Advanced Inheritance, Component, And Editor Issues, 6.Threads, 7.Databases and BDE, 8.Windows API And Devices, 9.Other Programming Libraries。	**Objectives**	This course extends the course "Windows Programming" with advanced topics such that the students have further understanding of the programming technique on Windows environment. Demonstration and practice are the key issues. The students will learn and exercise the programming on Windows. Issues included in the course are the followings. 1.The Basics, 2.Philosophy, 3.Techniques and Patterns, 4.Using Or Adapting Specific Components, 5.Advanced Inheritance, Component, And Editor Issues, 6.Threads, 7.Databases and BDE, 8.Windows API And Devices, 9.Other Programming Libraries
教材	課堂講義	**Teaching Materials**	lecture notes on the site
成績評量方式	1. 作業與平時成績 20 % 2. 期中考 30% 3. 期末專題 30% 4. 期末專題報告 20%	**Grading**	1. Exercise and Participation 20 % 2. Midterm Exam. 30% 3. Final project 30% 4. Presentation 20%
教師網頁	http://www.cyut.edu.tw/~sgdai		
教學內容	本門課的目標期使學生對視窗環境下程式設計能具備概念及基礎，以實例講解，實作爲主，希望能透過此門課提升學生自我學習的能力。課程主要使用C#語言，內容大致分成 1 C#語言介紹 2 基礎元件介紹 3 元件應用實做 4 PDA程式撰寫環境介紹 5 實做PDA程式範例 6 專題規畫實做	**Syllabus**	This course introduces the basic programming technique on Windows environment. Demonstration and practice are the key issues. The students will learn and exercise the programming on Windows. Issues included in the course are the followings. 1. Introducing C# architecture 2. base component 3. component practice 4. events handler 4. IDE for PDA programing 5. PDA program implementation 6. project design and implementation

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