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	2697	**Course Number**	2697
授課教師	曾顯文	**Instructor**	TSENG,HSIEN WEN
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A	**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	1. JFC Swing 教學手冊：GUI建構指引，吳旭智、賴淑貞譯，碁峰資訊。 2. JAVA 2視窗程式設計，位元文化編著，文魁資訊。	**Teaching Materials**	1. JFC Swing 教學手冊：GUI建構指引，吳旭智、賴淑貞譯，碁峰資訊。 2. JAVA 2視窗程式設計，位元文化編著，文魁資訊。
成績評量方式	期中報告 30%, 期末報告 50%, 平時成績 20%.	**Grading**	Midterm evaluation 30%, Final evaluation 50%, class participation 20%.
教師網頁	http://www.cyut.edu.tw/~hwtseng		
教學內容	本課程將以Java程式語言爲基礎學習視窗程式設計，我們將介紹Swing的各種元件，並以分組小型專題的方式進行教學，學生僅需基本Java程式能力，即可輕鬆快速學習視窗程式設計的技巧。	**Syllabus**	The course studies the windows programming using Java language. We'll introduce the components of Swing and the course will go under small project.The students who want to take this course only need the basic Java programming ability. Then they can study the windows programming skills easily.

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