

朝陽科技大學 099學年度第2學期教學大綱
Advanced Computer Programing 進階程式設計

當期課號	3693	Course Number	3693
授課教師	陳永福	Instructor	CHEN,YUNG FU
中文課名	進階程式設計	Course Name	Advanced Computer Programing
開課單位	資訊與通訊系(四進)一A	Department	
修習別	必修	Required/Elective	Required
學分數	3	Credits	3
課程目標	結構或類別、檔案輸入／輸出、物件基礎程式設計、物件概念介紹、類別的介紹、多載性、繼承、封裝、多型	Objectives	Structures or class, File input/output, Object-Based Programming, Object concept, Define Classes, Overloading, Inheritance, Encapsulation, and Polymorphism.
教材	[1] P. J. Deitel and H. M. Deitel, C How To Program 5th Edition, Pearson Education, , 2007 [2] 洪維恩, C 語言教學手冊 第四版, 旗標 ISBN 978-+57-442-484-9.	Teaching Materials	[1] P. J. Deitel and H. M. Deitel, C How To Program 5th Edition, Pearson Education, , 2007 [2] 洪維恩, C 語言教學手冊 第四版, 旗標 ISBN 978-+57-442-484-9.
成績評量方式	期中考 30%, 期末考 30%, 小考 10%, 作業及平時成績 30%.	Grading	Mid-term exam: 30% Final exam: 30% Quiz: 10% Class Participation: 10 Homeworks: 20%.
教師網頁	-		
教學內容	本課程為教授物件導向程式之設計, 課程內容包括:1.編輯與發展環境介紹,2.資料型態, 3.輸入與輸出, 4.選擇敘述(if.. else, switch), 5. 重複敘述(for, while, do...while, break and continue), 6. 函數或方法, 7. 陣列, 8. 字串, 9. 結構或類別, 10.檔案輸入/輸出	Syllabus	The objectives of this course is to teach students skills of object-oriented programming. The topics include: (1) Editor and Development Environment; (2) Data Type; (3) Input /Output; (4) Selection Statements (if..else, switch); (5) Repetitive statements (for, while, do...while, break and continue); (6) Functions or Method; (7) Arrays; and (8) Strings

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