朝陽科技大學 095學年度第2學期教學大綱
Advanced Computer Programing 進階程式設計

當期課號	2245	Course Number	2245
授課教師	曾顯文	Instructor	TSENG,HSIEN WEN
中文課名	進階程式設計	Course Name	Advanced Computer Programing
開課單位	資訊管理系(四日)一C	Department	
修習別	必修	Required/Elective	Required
學分數	3	Credits	3
課程目標	與程式設計教授相同之語言，目的在培養學生具備物件導向程式設計之能力授課內容包括 (1) 物件基礎程式設計：物件概念介紹、 類別的介紹、多載性 (2) 物件導向程式設計：繼承、封裝、多型 (3) I/O 與 物件應用程式設計	Objectives	This course uses the same program language with program design course. The goal lets students have the ability of to use object oriented programming language to design program. The course includes: (1) Object-Based Programming: object concept, define classes, overloading. (2) Object-Oriented Programming: Inheritance, Encapsulation, Polymorphism. (3) Input/Output and application of oriented programming design.
教材	Java 2 程式設計範例教本,陳會安著,學貫行銷。 Java 2 JDK 5.0 教學手冊第三版,洪維恩著,博碩文化。	Teaching Materials	Java 2 程式設計範例教本,陳會安著,學貫行銷。 Java 2 JDK 5.0 教學手冊第三版,洪維恩著,博碩文化。
成績評量方式	期中考 25%, 期末考 25%, 小考 30%, 作業及平時成績 20%.	Grading	Mid-term exam 25%, Final exam 25%, Tests in class 30%, Homeworks and class participation 20%.
教師網頁	http://www.cyut.edu.tw/~hwtseng		
教學內容	本課程將以Java程式語言來學習物件導向程式設計，內容包括物件導向的基本概念及Java程式語言之語法與範例，課程安排由淺入深，期讓不同程度的學習者，都可以熟悉Java語言的核心及了解物件導向程式設計的精髓。	Syllabus	The course introduces the objected-oriented program design using Java. Its content includes the concept of object-oriented technique and the syntax and examples of Java. The course is designed to go from the easy to the difficult and complicated such that it can be applied to different degree of students. They all can learn how to manage the Java programming and can understand the essence of object-oriented program design.

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