# 朝陽科技大學 096學年度第2學期教學大綱
# Advanced Computer Programing 進階程式設計

| | | | |
|---|---|---|---|
| 當期課號 | 3708 | Course Number | 3708 |
| 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(四進)一A | 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<br>(1) 物件基礎程式設計：物件概念介紹、 類別的介紹、多載性<br>(2) 物件導向程式設計：繼承、封裝、多型<br>(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:<br>(1) Object-Based Programming: object concept, define classes, overloading.<br>(2) Object-Oriented Programming: Inheritance, Encapsulation, Polymorphism.<br>(3) Input/Output and application of oriented programming design. |
| 教材 | 最新Java2程式語言第2版, 施威銘研究室著,旗標。<br>Java 2 程式設計範例教本,陳會安著,學貫行銷。 | Teaching Materials | 最新Java2程式語言第2版, 施威銘研究室著,旗標。<br>Java 2 程式設計範例教本,陳會安著,學貫行銷。 |
| 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. |

尊重智慧財產權，請勿非法影印。