# 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

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| 當期課號 | 2238 | Course Number | 2238 |
| 授課教師 | 陳榮靜 | Instructor | CHEN,RUNG CHING |
| 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B | 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 | (1)原來一年級上學的用書<br>(2)書名：Java How to program, fourth Edition, Deitel<br>(3) http:// java.sun.com | Teaching Materials | (1)The same with first semester<br>(2)Java How to program, fourth Edition, Deitel<br>(3) http:// java.sun.com |
| 成績評量方式 | 學習態度20% 作業或小考20% 期中考20% 期末考30% | Grading | Attend the class and learning behavoir 20% Homework 20% Middle Test 20% Final Test30% |
| 教師網頁 | | | |
| 教學內容 | 本課程主要以java程式語言進行物件導向之程式設計介紹。內容包括物件概念介紹、JAVA語言之物件設計及其應用。 | Syllabus | The course is based on Java language. The basic concept of object orient language will be introduced. How to design a re-useful object element using the object language also be mentioned in the course. The object designs features such as class and instance, new an object method, container, inheritance, abstract data type, and polymorphism and so on. |

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