朝陽科技大學 098學年度第1學期教學大綱
Java Programming and Application Java程式設計與應用

當期課號	3742	Course Number	3742
授課教師	吳志盛	Instructor	WU,CHIH SHENG
中文課名	Java程式設計與應用	Course Name	Java Programming and Application
開課單位	資訊工程系(四進)二A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	這門課主要是透過Java語言來介紹物件導向程式設計。 學生可以學習基本的Java程式的建構，物件導向的觀念，圖形，事件驅動的程式。學生還可以實作JAVA的應用程式與Applet等應用。學完這門課程學生應該要會以下的事項： - 知道Java與其他語言的差異與優點，還有JAVA在網際網路的應用。 - 能夠熟悉JAVA語言的建構，包含有IF, Loop, Methods, 與Arrays等 - 能夠寫出類別與物件的程式並使用類別的繼承。	Objectives	The central theme of the course is to introduce object- oriented programming using Java. Students will learn the basics of Java language constructs, object- oriented programming, graphics, event- driven programming. Gain practical experience of creating and modifying Java applications and applets, and embedding Java applets in HTML files. Upon completing the course, students will able to - Know the advantages of Java over other programming languages and the significance of Java to the Internet. - Become familiar with Java language constructs including decision statements, loop statements, methods, and arrays. - Program with classes and objects and use class inheritance.
教材	最新java2程式語言第二版，旗標（FS720）	Teaching Materials	最新java2程式語言第二版，旗標（FS720）
成績評量方式	1. 作業: 30% 2. 線上測驗1: 20% 3. 線上測驗2: 25% 4. 期末測驗: 15% 5. 課堂參與: 10%	Grading	1. Homework: 30% 2. Online Programming Test 1: 20% 3. Online Programming Test 2: 25% 4. Online Final Test: 15% 5. Class Participation: 10%
教師網頁	http://140.120.14.155/school/java.html		
教學內容	教學內容包含下列的主題： - 程式語言與Java基礎 - 變數與運算子 - 流程控制結構 - 程序與函數的類別方法 - 類別與物件 - 字串、數值類別與陣列 - 基本輸出入與檔案處理 - Java的執行緒	Syllabus	The topics included in this course: - programming lang. and Java basic - variables and operators - flow and control structures - procedure and class methods - classes and objects - string, value classes and array - basic input/output and file handling - Java threading