

朝陽科技大學 099學年度第1學期教學大綱
Computer Programing 程式設計

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| 當期課號 | 2403 | Course Number | 2403 |
| 授課教師 | 曾顯文 | Instructor | TSENG,HSIEN WEN |
| 中文課名 | 程式設計 | Course Name | Computer Programing |
| 開課單位 | 資訊管理系(四日)–A | Department | |
| 修習別 | 必修 | Required/Elective | Required |
| 學分數 | 3 | Credits | 3 |
| 課程目標 | 本課程是基礎程式能力之訓練內容包括: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 | Objectives | The course is basic program training which include the following subjects. 1. Editor and Development Environment 2. Data Type 3. Input/Output4. Selection Statements (if..else, switch)5. Repetitive statements (for, while, do...while, break and continue) 6. Functions or Method 7. Arrays 8. Strings |
| 教材 | Java 2 JDK 5/6 教學手冊 - 第四版，洪維恩著，旗標出版社。 最新JAVA 2程式設計與SCJP認證，施威銘研究室著，旗標出版社。 | Teaching Materials | Java 2 JDK 5/6 教學手冊 - 第四版，洪維恩著，旗標出版社。 最新JAVA 2程式設計與SCJP認證，施威銘研究室著，旗標出版社。 |
| 成績評量方式 | 期中考 25%，期末考 30%，小考 25%，作業及平時成績 20%。 | Grading | Mid-term exam 25%, Final exam 30%, Tests in class 25%, 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隨。 | 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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