# 朝陽科技大學 098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** | 2869 | **Course Number** | 2869 |
| **授課教師** | 陳忠信 | **Instructor** | CHEN,JONG SHIN |
| **中文課名** | 進階程式設計 | **Course Name** | Advanced Computer Programing |
| **開課單位** | 資訊與通訊系(四日)一A | **Department** | |
| **修習別** | 必修 | **Required/Elective** | Required |
| **學分數** | 3 | **Credits** | 3 |
| **課程目標** | 結構或類別、檔案輸入／輸出、物件基礎程式設計、物件概念介紹、類別的介紹、多載性、繼承、封裝、多型 | **Objectives** | Structures or class, File input/output, Object-Based Programming, Object concept, Define Classes, Overloading, Inheritance, Encapsulation, and Polymorphism. |
| **教材** | [1] P. J. Deitel and H. M. Deitel, C How To Program 5th Edition, Pearson Education, , 2007<br>[2] 洪維恩, C 語言教學手冊 第四版, 旗標<br>ISBN 978-+57-442-484-9.<br>[3] Others | **Teaching Materials** | [1] P. J. Deitel and H. M. Deitel, C How To Program 5th Edition, Pearson Education, , 2007<br>[2] 洪維恩, C 語言教學手冊 第四版, 旗標 ISBN 978-+57-442-484-9.<br>[3] Others |
| **成績評量方式** | 期中考 25%, 期末考 25%, 小考 40%, 作業及平時成績 10%. | **Grading** | Mid-term exam 25%, Final exam 25%, Tests in class 40%, Homeworks and class participation 10%. |
| **教師網頁** | www.cyut.edu.tw/~jschen26 | | |
| **教學內容** | 本課程是程式能力之訓練內容包括:<br>1. 基本觀念<br>2. 選擇敘述(if.. else, switch)和重複敘述(for, while, do...while, break and continue)<br>3. 檔案輸入/輸出<br>4. 陣列和字串<br>5. 結構<br>6. 函數<br>使用語言 C 和 Matlab | **Syllabus** | The course is basic program training including:<br>1. Basic concepts<br>2. Selection (if.. else, switch) and Loop Statements (for, while, do...while, break and continue)<br>3. File Input/Output<br>4. Array and String<br>5. Structure<br>6. Function.<br><br>Language: C and Matlab |

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