

**朝陽科技大學 096學年度第1學期教學大綱**  
**Computer Programing 程式設計**

|               |                                                                                                                                             |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>當期課號</b>   | 3833                                                                                                                                        | <b>Course Number</b>      | 3833                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>授課教師</b>   | 傅世彰                                                                                                                                         | <b>Instructor</b>         | Fu,Shih Chang                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>中文課名</b>   | 程式設計                                                                                                                                        | <b>Course Name</b>        | Computer Programing                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>開課單位</b>   | 資訊工程系(四進)一A                                                                                                                                 | <b>Department</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>修習別</b>    | 必修                                                                                                                                          | <b>Required/Elective</b>  | Required                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>學分數</b>    | 3                                                                                                                                           | <b>Credits</b>            | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>課程目標</b>   | 本課程將以C程式語言簡介電腦程式設計。內容包含電腦之基本運作以及如何撰寫C程式語言。將藉由許多範例來說明C程式設計並且讓學生以實機練習。相關的程式偵錯方法亦包含在本課程中。                                                      | <b>Objectives</b>         | This course will introduce computer programming in C. This course will assume no priori experience about computer. We will cover basic operations about computer and how to write computer program in C language. Various examples will be given to illustrate programming in C. A number of exercises will be given to make the students have hand-on experience on how to write programs. Some programming experiences in debugging will also be covered.. |
| <b>教材</b>     |                                                                                                                                             | <b>Teaching Materials</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>成績評量方式</b> |                                                                                                                                             | <b>Grading</b>            |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>教師網頁</b>   | -                                                                                                                                           |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>教學內容</b>   | - 基本概念（編譯與連結，常數，變數，資料型態，運算元）- 資料型態轉換 - 輸入與輸出 - 選擇敘述（if..else, switch）- 重複敘述（for, while, do..while, break）- 函數 - 指標 - 陣列 - 字串 - 結構 - 檔案輸入/輸出 | <b>Syllabus</b>           | - Initial concepts (compiling and linking, constants, variables, data types, operators) - Data type conversion - Input/Output - Selection statements(if .. else, switch) - Repetitive statements(for, while, do .. while, break and continue) - Functions - Pointers - Arrays - Strings - Structures - File input/output                                                                                                                                     |

尊重智慧財產權，請勿非法影印。