# 朝陽科技大學 095學年度第1學期教學大綱
# Structured Programming 結構化程式設計

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| **當期課號** | 2226 | **Course Number** | 2226 |
| **授課教師** | 范揚文 | **Instructor** | FAN,YANG WEN |
| **中文課名** | 結構化程式設計 | **Course Name** | Structured Programming |
| **開課單位** | 資訊管理系(二日)三A | **Department** | |
| **修習別** | 必修 | **Required/Elective** | Required |
| **學分數** | 3 | **Credits** | 3 |
| **課程目標** | 結構化程式設計以循序、選擇、與反複三種基本結構設計程式設計，爲一良好初學程式者學習的典範。C++程式語言爲本課程學習結構化程式設計所用的工具，將介紹C++程式語言之語法與範例，以使學習者可以依既定規格完成程式設計。 | **Objectives** | Structured Programming utilizes sequential, selective, and repetitive structures to design programs. It is a good methodology for beginners to learn how to design programs. C++ is the programming tool in this course to learn structured programming. The course will introduce the principals and fundamentals of generic programming in C++, such that the students can write programs according to the specification. |
| **教材** | Deitel, H. M., & Deitel, P. J. (1998). C++: How to Program, (4th ed.). Upper Saddle River, NJ: Prentice Hall, Inc. ISBN# 0-13-089571-7. | **Teaching Materials** | Deitel, H. M., & Deitel, P. J. (1998). C++: How to Program, (4th ed.). Upper Saddle River, NJ: Prentice Hall, Inc. ISBN# 0-13-089571-7. |
| **成績評量方式** | 平時: 30%<br>期中: 30%<br>期末: 40% | **Grading** | |
| **教師網頁** | www.cyut.edu.tw/~ywfan | | |
| **教學內容** | A developmental course in programming using the C++ language, including syntax and methodologies, program development, debugging functions, arrays structures, and pointers. | **Syllabus** | A developmental course in programming using the C++ language, including syntax and methodologies, program development, debugging functions, arrays structures, and pointers. |

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