

朝陽科技大學 092學年度第1學期教學大綱
Structured Programming 結構化程式設計

當期課號	4044	Course Number	4044
授課教師	張林煌	Instructor	CHANG,LIN HUANG
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B	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、與反復三種基本結構設計程式設計，為一良好初學程式者學習的典範。C++程式語言為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	Problem demo and intruction Web-assisted-instruction	Teaching Materials	Problem demo and intruction Web-assisted-instruction
成績評量方式	projects 30%, homeworks 30%, tests 30%, participation 10%	Grading	projects 30%, homeworks 30%, tests 30%, participation 10%
教師網頁	-		
教學內容	Course Topics: Functions, Selection Structures, Loop, Modular Programming, Arrays, Strings, Recursion, Structure & Union, Programming in the Large, Dynamic Data Structures, etc. 1.The abilities in programming and solving problems 2.familiar with C language 3.familiar with unix environment 4.team work for projects 5.presentation and reports written	Syllabus	Course Topics: Functions, Selection Structures, Loop, Modular Programming, Arrays, Strings, Recursion, Structure & Union, Programming in the Large, Dynamic Data Structures, etc. 1.The abilities in programming and solving problems 2.familiar with C language 3.familiar with unix environment 4.team work for projects 5.presentation and reports written

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