

壹、 課程簡介

中文課程名稱：計算機程式

英文課程名稱：Computer Programming

授課教師：廖婉君

學分數：3 學分

開課單位：電機系

課程概述：

1. Intro. to computers and C++ programming
2. Control structure
3. Functions
4. Arrays
5. Pointers and Strings
6. Classes and data abstraction
7. Operator overloading
8. Inheritance
9. Virtual functions and polymorphism

課程目標：

This course is designed as the first class for the first-year undergraduate students to learn computer programming using C++.

課程要求：

無

成績評量方式：

Mid-term quiz: 30%

Final exam: 40%

Homework: 30%