

程式設計 Programming Design

課程編號：BA1009 / 701 20900

科目名稱：程式設計

授課教師：邱奕鵬

時間地點：三 678 新生 502

Course Description

- Programming basics using C++

Grading Policy

- Homework: 15%
- Mid-term: 35%
- Final: 35%
- Term Project: 15%

Course Information (II)

- Some other notes
 - Please print out the class notes (posted on the website) in advance.
 - Please also take the additional notes in the class.
 - Final project: Details to be announced

- 預修科目：
 - 計算機(電腦)概論

教科書 & 工具

- P. Deitel & H. Deitel, **C++ How to Program – Late Objects Version**, 7th ed., Pearson, (歐亞書局)
 - <http://www.deitel.com/books/cpphttp7LOV/>
- Development Tools
 - Microsoft Visual Studio (2005, 2008, or 2010) from NTU CC
 - Microsoft free Visual C++ Express Ed.
 - <http://www.microsoft.com/express/>
 - Bloodshed Dev C++
 - <http://www.bloodshed.net/devcpp.html>
 - GNU C++
 - <http://www.gnu.org/install/binaries.html/>

教師及課程訊息

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- Chapter 1: Introduction to Computers
- Chapter 2: Introduction to C++ Programming
- Chapter 3: Control Statements: Part I
- Chapter 4: Control Statements: Part II
- Chapter 5: Functions and Introduction to Recursion
- Chapter 6: Arrays and Vectors
- Chapter 7: Pointers
- Chapter 8: Sequential-Access Files
- Chapter 9: Classes

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- Chapter 10: Classes: A Deeper Look
- Chapter 11: Operator Overloading
- Chapter 12: Object-Oriented Programming: Inheritance
- Chapter 13: Object-Oriented Programming: Polymorphism
- Chapter 14: Templates
- Chapter 15: Stream Input/Output