

INTRODUCTION TO COMPUTERS

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COURSE OUTLINE

- Overview of Computers and Programming
- Overview of C
- Top-Down Design with Functions
- Selection Structure: If and switch statement
- Repetition and Loop statements
- Data Representation
- Computing Components

TEXT BOOK & REFERENCE BOOK

- Text book:
 - Problem Solving and Program Design in C”, J.R. Hanly and E.B. Koffman.
- Reference book
 - “Computer Science Illuminated”, Nell Dale and John Lewis.

LAB SCHEDULE

Every Monday

9/27	10/4	10/18	10/25	11/1	11/8	11/15	11/22
11/29	12/6	12/13	12/20	12/27	1/3		

Location: 資訊處 **214** (40電腦) 、 **215** (72 電腦) 、 **216** 、 **217**電腦教室
Time: 16:15-18:30

Lectures: 14:45-16:00, every Thursday to Jan. 6th, 2022
Midterm: 11/11/2021 (Thursday)
Final : 01/13/2022 (Thursday)

LAB. DETAILS

110-1 計算機概論進度表	
上機課_日期	進度大綱
2021/09/20	中秋節放假
2021/09/27	Ch1.環境安裝教學與四則運算
2021/10/04	Ch2.條件式
2021/10/11	國慶放假
2021/10/18	Ch3.亂數的生成
2021/10/25	Ch4.Switch開檔讀檔
2021/11/01	Ch5. 迴圈(for & while) 、do while
2021/11/08	Ch6. EOF(期中考週)
2021/11/15	期中考
2021/11/22	Ch7. 陣列
2021/11/29	Ch8.副函式
2021/12/06	Ch9.遞迴副函式
2021/12/13	Ch10.排序
2021/12/20	Ch11.二維陣列
2021/12/27	Ch12. 數值方法
2022/01/03	期末考
2022/01/10	期末考放假(期末考週)

GRADING POLICY

- Lab (40%)
- Midterm(30%)
- Final exam (30%)