

課程資訊

項目	內容
課程名稱	計算機程式設計－ Introduction to Programming (I) (1041, 10410CS135502, 資工系, 一年級)
閱讀權限	開放旁聽
老師	陳煥宗
助教	陳婕苓, 魏好安, 周佳蓉
學分	3
成績計算	<p>The grade is based on the scores of more than ten labs, two midterm exams, one final exam, and the final project, with the following percentages:</p> <ol style="list-style-type: none">1. Online judge labs (30%) — every week2. Two midterm exams (30%)3. One final exam (20%)4. Final project (20%) <p>*Additional requirement: students MUST attain a mark of at least 60% in (two midterm exams + one final exam)</p>
課表	星期一(第七節/台達 104, 第八節/台達 104) 星期四(第五節/資電 326, 第六節/資電 326)
備註/其他線上教材	Required Textbook S. Prata, C PRIMER PLUS

教學進度

Week	Topics	Labs and Exams
1 9/14, 9/17	CH. 1 Getting Ready CH. 2 Introducing C	Lab #0
2 9/21, 9/24	CH. 3 Data and C CH. 4 Formatted Input/Output	Lab #1
3 9/28, 10/1	CH. 5 Operators, Expressions, and Statements	Lab #2
4 10/5, 10/8	CH. 6 Control Statements: Looping	No Lab 補課
5 10/12, 10/15	CH. 7 Control Statements: Branching	Lab #3
6 10/19,	CH. 8 Character I/O and Redirection	Lab #4

10/22		
7 10/26, 10/29	CH. 9 Functions	Midterm Exam I
8 11/2, 11/5	CH. 9 Functions <i>Recursion</i>	Lab #5
9 11/9, 11/12	CH. 9 Functions <i>Recursion</i>	Lab #6
10 11/16, 11/19	CH. 10 Arrays and Pointers <i>Arrays</i>	Lab #7
11 11/23, 11/26	CH. 10 Arrays and Pointers <i>Pointers</i>	Lab #8
12 11/30, 12/3	CH. 11 String Functions CH. 13 File Input/Output CH. 15 Bit Manipulation	Lab #9
13 12/7, 12/10	CH. 12 Memory Management	Midterm Exam II
14 12/14, 12/17	CH. 14 Structures	Lab #10
15 12/21, 12/24	CH. 17 Advanced Data Representations <i>Linked Lists</i>	Lab #11
16 12/28, 12/31	Examples of Final Project	Lab #12
17 1/4, 1/7	Examples of Final Project	Lab #13
18 1/11, 1/14	Final Project Demo 2016/1/18 Mon.	Final Exam 2016/1/11 Mon.