

## 課程資訊

項目	內容
課程名稱	計算機程式設計 Introduction to Programming (1041, 10410EECS111000, 電資院, 一年級)
閱讀權限	開放旁聽
老師	陳煥宗
助教	簡瑞霆, 張屹良
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"><li>1. Online judge labs (30%) — every week</li><li>2. Two midterm exams (30%)</li><li>3. One final exam (20%)</li><li>4. Final project (20%)</li></ol> <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(第三節/台達 106, 第四節/台達 106) 星期三(第一節/資電 328, 第二節/資電 328)
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, 9/16	CH. 1 Getting Ready CH. 2 Introducing C	Lab #0
2 9/21, 9/23	CH. 3 Data and C CH. 4 Formatted Input/Output	Lab #1
3 9/28, 9/30	CH. 5 Operators, Expressions, and Statements	Lab #2
4 10/5, 10/7	CH. 6 Control Statements: Looping	No Lab 補課
5 10/12, 10/14	CH. 7 Control Statements: Branching	Lab #3
6 10/19, 10/21	CH. 8 Character I/O and Redirection	Lab #4
7	CH. 9 Functions	Midterm Exam I

10/26, 10/28		
8	CH. 9 Functions	Lab #5
11/2, 11/4	<i>Recursion</i>	
9	CH. 9 Functions	Lab #6
11/9, 11/11	<i>Recursion</i>	
10	CH. 10 Arrays and Pointers	Lab #7 (自行練習) 校運會
11/16, <del>11/18</del>	<i>Arrays</i>	
11	CH. 10 Arrays and Pointers	Lab #8
11/23, 11/25	<i>Pointers</i>	
12	CH. 11 String Functions CH. 13 File Input/Output CH. 15 Bit Manipulation	Lab #9
11/30, 12/2		
13	CH. 12 Memory Management	
12/7, 12/9		Midterm Exam II
14	CH. 14 Structures	Lab #10
12/14, 12/16		
15	CH. 17 Advanced Data Representations	Lab #11
12/21, 12/23	<i>Linked Lists</i>	
16	Examples of Final Project	Lab #12
12/28, 12/30		
17	Examples of Final Project	Lab #13
1/4, 1/6		
18	Final Project Demo	Final Exam
1/11, 1/13	2016/1/18 Mon.	2016/1/11 Mon.