

901 10110

Basic Computer Concepts

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Dept. of Electrical Engineering
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Purpose

An introductory survey to computer science

- exploring the breadth
- exposing enough depth

Audience

- EE, CS majors
 - beyond programming, web-browsing, internet file-sharing
 - IC, computer architectures, operating systems, programming languages, algorithms, network, security, software engineering, database, ...
 - for appreciation of future courses
- students from other disciplines
 - to live in a technology society
 - with a practical and realistic understanding of the entire field

Prerequisites

None!

Course information

901 10110

Time: Spring 2016

13:20-14:10, Tuesday

15:30-17:20, Wednesday

Room: 電二102

Textbook: *J. Glenn Brookshear*

Computer Science – An Overview

12th Edition, Addison-Wesley.

台灣代理：新月圖書公司

台北市重慶南路一段143號3樓

02-2331-1578

<http://www.bookcake.com.tw>

newmoo@ms15.hinet.net

Instructor

- **Instructor:** 王凡 教授
- 博理館 616
- 03-33663602
- webpage

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Teaching assistant

李景立

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office hour: Tuesday 5:30pm-6:30pm

Evaluation

- Midterm exam 30%
 - 80% will be variations of the homework in the textbook.
- Final exam: 33%
 - 80% will be variations of the homework in the textbook.
- Term project: 25%
- Homework: 12%

非目的

- 本門課程不以當學生為目的！
 - 六十分不能證明什麼，只能傷害你往後的申請案。
 - 可是，
 - 作業缺交多次
 - 期中考、期末考成績慘不忍睹
 - 學期計畫敷衍了事
- 必當！！！！**

Term Project

This year, we will share the project materials with Professor Tian-Li Yu's BCC class.

Usually 6 projects.

Course schedule (I/V)

- | | |
|----------|-----------------------|
| (1) 2/21 | syllabus presentation |
| (2) 2/22 | Chapter 0 |
| (3) 2/28 | 放假 |
| (4) 3/1 | Chapter 1 |
| (5) 3/7 | Chapter 1 |
| (6) 3/8 | Chapter 2 (補課一小時) |
| (7) 3/14 | 請假 (待補課) |

Course schedule (II/V)

(8) 3/15	請假（待補課）
(9) 3/21	Chapter 2
(10) 3/22	Chapter 2, 3（補課一小時）
(11) 3/28	Chapter 3
(12) 3/29	Chapter 4（補課一小時）
(13) 4/4	放假（清明節）
(14) 4/5	溫書假
(15) 4/11	Chapter 4

Course schedule (III/V)

(16) 4/12	Chapter 5
(17) 4/18	Chapter 5
(18) 4/19	midterm exam
(19) 4/25	Chapter 6,
(20) 4/26	Chapter 6,
(21) 5/2	Chapter 7,
(22) 5/3	Chapter 7,

Course schedule (IV/V)

(23) 5/9	Chapter 8
(24) 5/10	Chapter 8
(25) 5/16	Chapter 8,9
(26) 5/17	Chapter 9
(27) 5/23	Chapter 9
(28) 5/24	Chapter 10
(29) 5/30	放假（端午節）

Course schedule (V/V)

(30) 5/31	Chapter 10
(31) 6/6	Chapter 11
(32) 6/7	Chapter 11
(33) 6/13	Chapter 12
(34) 6/14	Chapter 12
(35) 6/21	Final exam