

Intro. to Computer Science

- Course number: CSIE 1000
- Classroom: 102
- Instructor: 周承復
- TA:
 - 王子安@505
 - 吳政軒@505
 - 田顏禎@505
- <http://www.csie.ntu.edu.tw/~ccf>
 - ccf@csie.ntu.edu.tw
- <http://www.csie.ntu.edu.tw/~r02944034/intro2014/>

Intro. to Computer Science


- Textbook:
 - “Computer Science: An Overview”, 11th Edition by J. Glenn Brookshear
- Ref:
 - “Computing Fundamentals”, “Computer Science Illuminated”

Important Info.

- Grading:
 - Hw & project 30-35%
 - midterm 30%
 - final 30%
 - class participation: 5-10%
- Extra credit: <http://acm.uva.es/problemset>
- Industrial company visiting: 2-3 times
 - 5-6 people in a group
 - Media Tek, Cyberlink, IBM, google, Yahoo, or Microsoft


Objective

- basic knowledge about computer, data manipulation & abstraction, computer architecture, organization, software, operating system, database, network, multimedia, graphics...




Contents

- Chapter 1: Data Storage
- Chapter 2: Data Manipulation
- Chapter 3: Operating Systems
- Chapter 4: Networks and the Internet
- Chapter 5: Algorithms
- Chapter 6: Programming Languages



Contents

- Chapter 7: Software Engineering
- Chapter 8: Data Abstractions
- Chapter 9: Database Systems
- Chapter 10: Computer Graphics
- Chapter 11: Artificial Intelligence
- Chapter 12: Theory of Computation



The End

To-Do:

- open your account at lab. 217 and 219
- your group member
- read Chap. 0: Introduction

Questions ?

- interested issues, topics