

Introduction to Computer Science

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Welcome

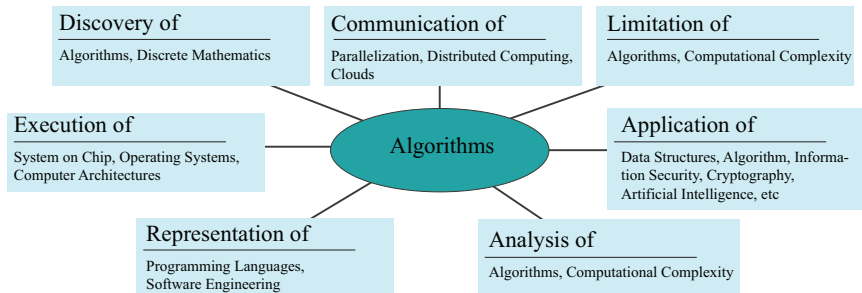
- Course Name: Introduction to Computer Science.
- Agenda
 - Administrivia.
 - Course objectives.

Administrative Information

- Course website (CEIBA)
 - https://ceiba.ntu.edu.tw/1062_i2cs
- Grading
 - 6 Homework (Review questions from the textbook and C/C++ programming)
 - Midterm (4/25, in-class, closed book)
 - Final (6/27, closed book)
 - 30%, 35%, and 35%, where 30% is applied to the lowest.
- Auditing is welcome; send me an email of your name and student ID so that I can create a ceiba account for you.

What is this Course About?

- The science concerning computers.
 - Fast, but inaccurate (due to limited resources) computation.



Course Materials

- Textbook
 - J. Glenn Brookshear, Computer Science – An Overview, 11st edition, Addison-Wesley.
 - Other editions are O.K., but **you** need to deal with the differences such as homework.
- Main material: Course slides.
- Supplemental materials
 - Any C/C++ programming guide.
 - <http://www.cppreference.com/>
 - C++ Primer (Pearson Addison Wesley).

Prerequisites & Goals

- Activeness, Enthusiasm, and Curiosity.
- Basic knowledge of C/C++ programming.
- My goal is to let you
 - Understand basic knowledge about computers.
 - Be aware of different fields in computer science.
 - Be a stronger programmer.
- What is your goal?

Teaching Policy

- I don't mind students being late or absent. You are adults; use your time well.
- You won't be punished for napping, but that does drain my energy and affects my teaching quality. Feel free to leave for a while to refresh.
- I do ask you not to bother others. That means, do not use cell phones, or constantly talk loud. Your classmates have the right to learn in a quiet environment.

Grading Policy

- I don't change grades unless mis-grade or miscalculations.
- I don't change grades no matter what **after one week since the announcement**.
- I give partial credits. So do write down anything as best as you can (related to the question) even if you are not sure of it.
- Hand in your assignments on time. You will be punished for delay.
 - $\text{Grade} = \text{original_grade} \times (1 - 0.15 \times \text{days_of_delay})$
 - $\text{Grade} = 0$, if $\text{days_of_delay} \geq 7$.
- I use ceiba for assignment hand-in.
 - Hand in only **one** file on ceiba.
 - Hand in an **O.K.** version before the deadline.
 - If ceiba hangs, send your assignment via email to me and **CC to TA**.

Cheating Policy

- Cheating is an unwelcome behavior of dishonor and disgrace; it wastes your valuable time as well as mine.
- In short, its very **bad**, and I stand firm against it.
- It is **your** responsibility to protect your homework, assignments, etc.
- This is not a game. Cheating without being caught does NOT mean you win. In fact, you **can't** really win anything by cheating.
- Discussion is very different from cheating. You may discuss your homework with classmates, TA, or me. Remember, you may learn from others, but do it **yourself**.

Need Help?

- Ask your classmates, TA, or me.
- Use the forums on ceiba.
- Join the group discussion.
- Schedule a meeting with me via email.

Scared of English?

- Do **not** consult a dictionary every time you see a new word.
- Consult a dictionary only when this new word occurs many many times, or it is a keyword.
- When you look up a new word in a dictionary, pay attention to its pronunciation and **example sentences**. Do not memorize its Chinese meaning only.