CS101 Data Structures

Fall 2016

Course Info

- Instructor: Kewei Tu <tukw@shanghaitech.edu.cn>
  - Office hours: Tue 4-5pm
  - Office: H2-314
- TAs
  - Discussion: Jun Mei, Wentao Lv
  - QA: Jiong Cai, Yunzhe Yuan
    - Office hour TBD
  - System admin: Yang Zhou

Course Info

- **Classes**
  - Tue&Fri 10:15-11:55am
  - 教学中心201
- **Discussion**
  - Thu 8:15-9:55am
  - 教学中心201
  - Instructor: Jun Mei, Wentao Lv
  - Optional but highly recommended

Course Info

- **Textbook**
  - Introduction to Algorithms (3rd ed.). Cormen, Thomas H., Leiserson, Charles E., Rivest, Ronald L., Stein, Clifford. MIT Press. ISBN 9780262033848.
- **Reference**
  - There are many good study materials online (e.g., Wikipedia), which you are encouraged to explore.

Course Info

- Course Forum
    - http://piazza.com/shanghaitech.edu.cn/fall2016/cs101
    - You are encouraged to ask questions and participate in discussions
    - Announcements, slides, etc.
    - Invitation will be sent to your ShanghaiTech email

Course Info

- Homework Site (GradeBot)
  - https://shtech.org/gradebot
  - Homework submission and grading
  - Will open soon and instructions will be sent to your email

Course Policy

- **Grading**
  - Homework (20%): 5 programming assignments
  - Midterm I (20%): in late Oct or early Nov
  - Midterm II (20%): in late Nov
  - Final (Comprehensive) (30%): in Jan, 2017
  - Participation (10%): class, forum

Course Policy

- **Plagiarism**
  - All assignments must be done individually
    - You may not copy directly from any other source
    - You may not share solutions with any other students
    - Plagiarism detection software will be used on all the programming assignments
  - Way of collaboration
    - You may discuss together or help another student debug his or her code; however, you cannot dictate or give the exact solution

Course Policy

- **Plagiarism**
  - Punishment
    - When one student copies from another student, both students are responsible
    - Zero point on the assignment or exam in question
    - Disqualified from receiving any awards recommended by the school and from any competitive studying opportunities (e.g., international exchange)
    - Repeated violation will result in a F grade for this course as well as further discipline at the school/university level

Plagiarism: Example 1

- Alex and Bob were roommates

- Bob let Alex use his laptop to complete the project

- Alex copied Bob's project

Plagiarism: Example 2

- Leslie asked if Morgan could send her his code so that she could look at it (promising, of course, not to copy it)
- Morgan sent the code
- Leslie copied it and handed it in

Plagiarism: Example 3

- Garry and Harry worked together on a single source file initially and then worked separately to finish off the details
- The result was still noticeably similar with finger-print-like characteristics which left no doubt that some of the code had a common source

Plagiarism: Example 4

- Jordan uploaded the projects to GITHUB.com without setting appropriate permissions. Kasey found this site, downloaded the projects and submitted them. Both are guilty.
  - This applies to any public forum, news group, etc., not just gitub.com…

Course Exemption

- Class 2015 students only
- Exemption exam next week (TBD, probably on Thursday)
  - Topics to be covered will be listed in Piazza
  - Closed-book, with an A4-size cheat sheet
- Register in Piazza
  - Instruction email will be sent out today

Course Exemption

- Require an A (approximately $\geq 85/100$) to pass
- Warning
  - If you do not pass, your course grade will be upper-bounded by the minimum of a B grade and your exemption exam grade

Homework 1

- Practice of C/C++ programming
- To be released in Piazza today
- Submission site will open soon
- Due: Friday, Oct 14. Submission will be disabled at 23:59:59.