CS101 Data Structures

Fall 2016

- Instructor
 - Kewei Tu <<u>tukw@shanghaitech.edu.cn</u>>
- TAs
 - Discussion: Jun Mei, Wentao Lv
 - QA: Jiong Cai, Yunzhe Yuan
 - System admin: Yang Zhou

- Instructor office hour
 - Tue 4-5pm @H2-314
- TA office hour
 - Jiong Cai
 - Wed 17:45-21:15 @SIST-1B105
 - Yunzhe Yuan
 - Mon 15:00-16:40 and 17:45-19:25 @SIST-1B105

- 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

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 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

- 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

- Alex and Bob were roommates
- Bob let Alex use his laptop to complete the project
- Alex copied Bob's project

- 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

- 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

- 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

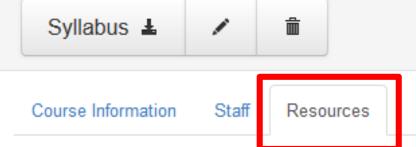
- Require an A (approximately $\geq 85/100$) to pass
 - If you pass, your course grade will be your exemption exam grade
- Warning
 - If you do not pass, your course grade will be the minimum of:
 - a B grade
 - your exemption exam grade
 - your actual course grade

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.

ShanghaiTech University - Fall 2016

CS 101: Data Structures



Lecture Slides

