

CS101 Data Structures

Fall 2016

Course Info

- Instructor

- Kewei Tu <tukw@shanghaitech.edu.cn>

- TAs

- Discussion: Jun Mei, Wentao Lv
 - QA: Jiong Cai, Yunzhe Yuan
 - System admin: Yang Zhou

Course Info

- 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

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://shitech.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
 - 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

Syllabus [Course Information](#)[Staff](#)**[Resources](#)**

Lecture Slides

Lecture Slides	Actions
02_Mathematical_background.pdf 	 Edit  Post a note  Delete
01_Introduction.pdf 	 Edit  Post a note  Delete
00_Administrative_Stuff.pdf 	 Edit  Post a note  Delete