

CS3230 : Design and Analysis of Algorithms (Fall 2014)
Topics for the Mid-Term Quiz

Mid-Term Quiz for CS3230:**Sat, 20-Sep-2014, 10:00-11:30am****@LT15 (Names starting with A-K)****@LT19 (Names starting with L-Z)**

Mid-Term Exam will have 4 questions.

- Answer all of them
- Unless specified, you don't need to prove your results.

Mid-Term Exam will be Open Book, defined as follows:

- You can only bring in your textbook, lecture notes, HW, Tutorials (including answers)
- You can bring in your own cheat sheet, if you prepared one.

Final Exam for CS3230 will cover the following:

- Lectures (Week 1-5, including readings assigned in lecture notes)
- HW0 Tutorials (T01-T3) [Excluding all A-problems]

Coverage in the textbook [CLRS]:

- Textbook [CLRS] Ch. 1
- Stable Marriage Problem (Lecture Notes);
- Textbook [CLRS] Ch. 2-4; Excludes Ch 4.4 (Proof of Master Theorem)
- Textbook [CLRS] App. A; (Summation and Bounding)
- Textbook [CLRS] Ch. 7-8; Excludes Ch 8.3 (Radix Sort)
- Textbook [CLRS] Ch. 9; Excludes Ch 8.3 (Radix Sort)
- Of course, pre-req. materials covered in CS2010 or CS2020 (not directly asked)

Finally, to everyone in CS3230, all the best in the coming Mid-Term Exam.