CSC 220 Algorithms: Course Info

Text: *Introduction to Algorithms, 3rd ed.* by Cormen, Leiserson, Rivest and Stein
Time and Place: T,R 11:00AM-12:15PM NA-7227 Course Homepage: [www.cs.ccny.cuny.edu/~wes/CSC220F11/](http://www.cs.ccny.cuny.edu/~wes/CSC220F11/)
Instructor: Dr. William E. Skeith (WES)

Overview/Summary

From the course catalog: Measuring algorithmic complexity (O-Notation); searching and sorting algorithms and their complexity; tree and graph algorithms and their complexity; classes of algorithms, such as divide-and-conquer, backtracking, greedy, probabilistic, etc. Computational complexity; the classes P and NP.

Prerequisites

CSC 212 and (CSC 217 or EE 311).

Lectures

You are strongly encouraged to attend lectures. I believe in a close, open and interactive classroom environment whenever possible. This typically leads to far greater understanding than what the (non-interactive) book alone can offer. You can find a tentative schedule of lectures [here](http://www.cs.ccny.cuny.edu/~wes/CSC220F11/).

Assignments

Written assignments, programming assignments and quizzes will make up about 30% of your grade. Generally speaking, the assignments are work to be done outside of class. I may spend some class time describing the assignments, but I will likely not devote much class time to explaining how to do them. You can always find me during office hours if you need additional assistance or guidance, but I do believe it is extremely valuable to fight through as much as possible on your own. On a related note, I encourage you to discuss ideas with one another regarding the assignments, but I do require that all answers (written, source code, etc.) be completed separately by each individual. In addition to being a violation of the academic integrity policy, it really is a disservice to yourself to copy assignments from others. There is no better road to understanding than to struggle through things yourself.

Exams
There will be a midterm and a Final exam.
The midterm will be **October 20** (tentatively)
The final exam time and location are still TBA.
Cell phones, computers etc. are not allowed in the exams. Bring your student ID.

**There will be no make-up exams.**
An unexcused absence will be given a grade of 0, and an excused absence (which is unlikely) may be replaced by the corresponding section of the final exam. **The instructor should be notified before missing any exam if at all possible and immediately thereafter when not possible.** The instructor will determine if the absence from an exam will be excused.

**Grading**

The final grade will be based on the best of the following:

- HW/Assignments -30%, MT 30%, Final-40%,
- or
- HW/Assignments -30%, Final-70%.

**Academic Integrity**

From the [CUNY Policy on Academic Integrity](#):

Academic Dishonesty is prohibited in The City University of New York and is punishable by penalties, including failing grades, suspension and expulsion.

**Other Remarks**

Your time is valuable; I want you to get as much as possible out of your time in the classroom with me. Please don't hesitate to let me know how you feel about the pace, or just about how things are going in general.

[Course webpage](#)