Course Information

Instructor

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- **Office Hours:** T 2:30-3:30

Teaching Assistant

- **Name:** Chen Chen
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- **Office Hours:** Wed. 2-4 PM

Course

- **Meets:** T Th 11:00-12:15
- **Room:** 1024 Mudd

Prerequisite

- a working knowledge of programming, data structures,
- linear programming

Text

- **Required:** *Network Flows*, Ahuja, Magnanti, and Orlin.
- **On reserve:** *Introduction to Algorithms*, Cormen Leiserson, Rivest and Stein
Homework

Assignments

There will be weekly homework assignments, generally available on the web by Friday, and due the following Thursday class. The homework problems will be a mixture of easier problems and some harder problems. You are not expected to do every problem on the homeworks. However, you should do at least 80% of the homework problems over the course of the semester.

Homework Policy

The main goal of the homework assignments is education, not evaluation. We must also be mindful of rules regarding academic honesty and plagiarism. To facilitate these goals, we will use the following policy.

- All work submitted for credit must be your own.
- You may discuss the homework problems with your classmates, the teaching assistant, and Professor Stein. For each problem, you must acknowledge the people with whom you discussed your work, and you must write up your own solutions. Any written sources used (apart from the text) must also be acknowledged; however, you may not consult any solutions from previous years' assignments whether they are student or faculty generated, from Columbia or elsewhere.
- Please ask if you have any questions about this policy. Violations will be treated harshly.

Homework Grading

Homework problems will be graded on the following scale:

- 5 Outstanding. Especially elegant or clever solution or exceptionally clear justification and writeup.
- 4 Good. The answer is basically correct and clearly presented, but is not special.
- 3 OK. Got the basic idea, but either some details are wrong or the presentation is not clear.
- 2 Poor. Something of value, but below the standard that I expect.
- 1 You tried, but this is not passing work.

Exams

- There will be an in-class mid-term
- There will be a take-home final exam at the end of the semester.

Grading

The final grade will be comprised, in roughly equal parts, of the homework scores and exam scores. Some consideration will be given for class participation or additional extra credit work.

Switch to: