

CSC 373 H 1 Y — Summer 2007

University of Toronto — St. George Campus

Instructor: Phuong Nguyen

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For e-mails, please include in the subject “CSC373”. Messages without this header may be ignored.

Lectures: Thursday 6–8pm in GB119

Tutorials: Thursday 8pm (room TBA).

Instructor Office Hours: Tuesday 4-5:30 (tentative) in BA 2272.

Course website: <http://www.cs.toronto.edu/~ntp/373x07/>

Refer to this site frequently for assignments, tests, announcements, etc.

Text: Jon Kleinberg and Éva Tardos

Algorithm Design (2006) by Pearson Education, ISBN: 0-321-29535-8

Reference: Cormen, Leiserson, Rivest, Stein

Introduction to Algorithm (2nd edition). McGraw-Hill (2001), ISBN: 0-07-013151-1

Course Contents (roughly 2 weeks on each topic):

- Greedy algorithms
- Dynamic programming
- Divide and conquer
- Network flow
- Approximation algorithms
- Linear Programming

Marking Scheme:

- 4 assignments worth 5% each, due *at the beginning* of lectures on June 7, June 21, July 12 and August 9
- 2 closed-book tests (50 minutes) worth 15% each, *in lecture room* at 6pm on June 28 and July 26
- final exam (3 hours) worth 50%: *Must obtain at least 40% to pass.*

20% Rule: For a question in assignments, tests or exam: Write “I don’t know” *and nothing else* and receive 20% of the mark.

Test Make-up: No. Take $\min(\text{test}, \text{exam})$.

Late Assignments: Minus 10% of the original mark for each day. *Must contact the instructor.*

Remarking Request: Must be written and handed in *within 2 weeks*.

The work you submit must be your own. You may discuss problems with each others; however, you should prepare written solutions alone. Copying assignments is a serious academic offence, and will be dealt with accordingly.