CSC B36: INTRODUCTION TO THE THEORY OF COMPUTATION

Course Information

Instructor: Vassos Hadzilacos

Office: SW 627 *Telephone:* 416-287-7256 (Scarborough)
SF 2304B 416-978-6028 (St. George)
Office Hours: Mon 3 – 4:30, or by appointment.
Email: `vassos@cs.toronto.edu`

TAs: George Giakkoupis

Meeting times:

Lectures: Mon 1 – 2, Wed 1-3
Tutorials: Fri 11 (tutorials are as mandatory as the lectures)

Course web page: `http://www.cs.toronto.edu/~vassos/teaching/b36`

Prerequisites: CSC A48 and CSC A65.

Course goals: Mathematics is the science of precise reasoning and, as such, provides an indispensable tool to computer scientists. This course is an introduction to the methodology of mathematics through topics of particular relevance to computer science.

Textbook: V. Hadzilacos, *Lecture notes for CSC B36/236*, 2006-2007 edition. The notes can be purchased for $15 (exact change please!) in room SW 625 during business hours.

Evaluation: There will be five homework assignments worth 40% of the course mark (8% each), a midterm exam worth 20% of the course mark, and a final exam worth 40% of the course mark. To pass this course you must get a grade of 35% or better on your final exam.

Homework marking: For each homework assignment we may mark only a selected subset of the questions (but solutions to all problems will be made available). In that event, the homework will be marked out of the total weight of the selected questions.

Late homework policy: No late homework will be accepted. If you miss a homework deadline because of a medical or personal emergency, you must fill out the Special Consideration Form (available on the course web page). In case of a medical emergency, you must also submit the U of T Student Medical Certificate, completed and signed by your physician (also available on the course web page). If we judge your reason for missing the deadline to be valid, we will use the average mark you achieved in other homeworks as your mark for the missed homework.

Homework collaboration policy: In each homework you may collaborate with at most one other student who is currently taking CSC B36. If you collaborate with another student on a homework, you and your partner must submit only one copy of your solution, with both of your names on the cover. The solution will be graded in the usual way and both partners will receive the same mark. Collaboration involving more than two students is not allowed. For help with your homework you may consult only the instructor, TAs, your homework partner (if you have one), your textbook and your class notes. You may not consult any other source.

Remarking policy: If your request concerns a simple addition error, see the instructor. To make any other kind of remarking request, you must fill the Remark Request Form (available on the course web page), attach it to your homework assignment or test, and give it to the instructor no later than one week from the date the marked assignment or test was made available to the class. Remarking requests made after this deadline will not be accepted.

Missed midterm test policy: If you miss the midterm test due to a medical or other serious emergency, get in touch with your instructor immediately and fill out the Special Consideration Form (available on the course web page). In case of a medical emergency, you must also submit the U of T Student Medical Certificate, completed and signed by your physician (also available on the course web page). There will be no make-up test, but if we consider your reason for missing the test to be valid, we will use your final examination mark to compute your mark for the missed midterm test.