CSC375F Algorithm Design and Analysis Instructor: A. Borodin
Text: "Algorithm Design " by Jon Kleinberg and Eva Tardos

CSC375 is our new (enriched version) 3rd year undergraduate course in algorithm design and analyis which has evolved from our (now phased out) CSC364. This is a standard and required course in most CSC programs throughout the world. In particular, this course is an expanded version of the algorithm design and analysis part of CSC364. Following the text, we will be emphasizing various algorithmic paradigms such as greedy algorithms, dynamic programming, network flows, linear programming and rounding, randomized algorithms, and local search. These techniques will be applied to a wide variety of (well motivated) computational problems.

The grading scheme will be based on 3 problem sets (5% each), each of which will be immediately followed by a term test (15% each), and a final exam (40%). As soon as an assignment is due (on a Wednesaday) and collected, we will discuss the solutions in class and a term test will follow (on Friday). Therefore, no late asssignments will be accepted. See the course web page (www.cs.toronto.edu/~bor/373f06) for the dates of all probblem sets and tests.

Email Policy: I try to read emails regularly but I do NOT promise to reply to all emails. In particular, some questions require a technical answer and I will often answer such questions in class so that everyone can benefit.

Office hours (SF 2303B): To be announced. Beyond any posted office hours, students are always welcome to make appointments and/or drop by it see if I am available. In general, I prefer speaking to people in person than via email!