CPSC 511 — Winter, 2024

Information about Final Examination

The final examination will be written from 1:00 pm until 3:00 pm on Friday, April 19, in MTH 106.

Topics Covered and Nature of Questions

Questions will concentrate heavily on material that has been introduced in this course since the midterm test — and either introduced in lecture notes or assignment questions. In particular, material beginning with information about space-bounded computation, and ending with randomized computation, will be emphasized. A question about earlier material — specifically, nondeterministic computation and the theory of $\mathcal{NP}$-completeness — may also be included. While later material (beginning with material on approximation algorithms) will be assessed too, this will be in a second part of the examination allowing students to complete a subset of questions of their choice.

Practice Problems

Material for almost every lecture has included suggested exercises for the topic of the lecture. These should be considered if you wish to prepare for the examination by solving the kinds of problems that might be included on the test.

Aids Allowed

Students will be allowed to bring one double-sided letter-sized page of notes into this test. No other aids will be allowed.