

There is no homework to hand in today, but let's clarify what you should expect, so that you can prepare for our last exam.

The exam will probably be like a regular exam plus a little extra. By “regular exam” I mean an exam, designed to take 70 minutes, on topics that haven't yet been tested. By “a little extra” I mean another one or two pages on older material. You will have 150 minutes (2.5 hours), but you might be able to finish much earlier than that. My goal is for time stress to not be a problem.

So, you are expected to know everything from Days 01–26 of the course.

On Day 27, we proved Savitch's theorem and reviewed the relationships among six basic complexity classes. You should know what Savitch's theorem says and how it impacts the relationships. As always, you should know the key ideas of the proof, but I don't expect you to have the details of the proof memorized.

On Day 28, we will do perfect evaluations and course evaluations. Then we will do more review problems, such as today's reduction of 3SAT to HAMPATH. I hope that this review cements your knowledge for Exam C.

To the exam, you may bring a “crib sheet” — that is, a sheet of notes to help you remember key details. The rules are:

1. You must write/draw/type the sheet yourself. (The intent of this rule is for you to incur the educational value of making the sheet.)
2. The sheet is one standard sheet of paper: 8.5×11 , A4, or smaller. You may use both sides. It must be on paper, not an electronic device. (The intent of this rule is for you not to have a huge object, such as a book or poster.)
3. You cannot share sheets during the exam. (The intent of this rule is to prevent communication among students.)

Follow not just the rules but also their intents. When in doubt about whether something is allowed, ask me. :)