COSC-111 Spring 2018 Final Exam Study Guide

Logistics: The final exam for this course is on Friday, May 11, 2-5pm in SMudd 205 and 206 (we will be split across the two rooms).

I will have extra office hours throughout the next two weeks at the following times:

Monday 4/30, 4-6pm
Wednesday 5/2, 1:30-3:30pm
Friday 5/4, 4-5pm
Tuesday 5/8, 4-6pm
Wednesday 5/9, 4-6pm
Thursday 5/10, 4-6pm

All of these will be "drop-in" office hours, meaning you do not need to schedule an appointment to meet with me during these times. Often when studying it's useful to listen to other students' questions, and I encourage you all to come to office hours. As always, if you need to meet with me individually please feel free to email me to schedule an appointment at an alternative time.

Content: The exam is cumulative; it will cover all of the material we've discussed throughout the semester. The course web page lists all of the topics we've covered, and includes links to all of our handouts and assignments.

How to study: There is a lot of material, and there is a lot of time between now and the final exam. I recommend beginning your studying early and studying a small amount every day so that the material stays fresh in your mind. The schedule below offers a suggestion for how to organize your studying. You might find that a different schedule works best for you, or that you need to spend more or less time reviewing certain topics. Feel free to stick exactly to this plan, ignore it entirely, or anything in between.

When you're studying, your goal should be to be as active as possible. Don't simply read over your notes; instead, try to reconstruct the code we wrote on your own. Redo the exercises from the in-class handouts, and redo old labs. Actually writing code is the best way to identify which areas you need to spend more time reviewing.

Suggested schedule:

Wednesday, 5/2. Project 3 due.

Thursday, 5/3. Review if/else statements and for and while loops. Redo Labs 3 and 4.

Friday, 5/4. Redo Midterm 1.

Weekend, 5/5-5/6. Review methods and arrays. Redo Labs 5 and 6. Pay particular attention to the interaction between arrays and methods!

Monday, 5/7. Review sorting and 2-D arrays. Redo labs 7 and 9.

Tuesday, 5/8. Review recursion. Redo Lab 8. I recommend doing the optional challenge problems on Lab 8 if you have not already done so!

Wednesday, 5/9. Redo Midterm 2.

Thursday, 5/10. Review objects and classes.