The first test will be 7:15 to 8:45 p.m. on Tuesday Sept. 30 in Hasbrouck 124 and 126. Please choose randomly between these rooms, but if the room you choose is crowded then go to the other one. Don’t sit next to anyone else. If one of the rooms ends up significantly more crowded than the other then I’ll have to waste time getting some of you to move from the crowded one to the less crowded one, so please just do this on your own initiative. All three of us will proctor and move between the two rooms so that at all times during the exam, each room has at least one proctor. Please also do me a favor and use the bathroom before the exam starts.

The test will be closed book, closed notes, no computers including no phones, no calculators, no laptops, no tablets, no wrist computers, etc.

The test will include a one-page crib sheet which I will finalize and post on Monday morning. This will mostly contain information that you’d like to have from my handouts. Email cs250@cs.umass.edu by Sunday afternoon with anything particular that you’d like on the crib sheet. I will try to accomodate all requests that I consider reasonable.

I’m now going to tell you the exact format of the test. There will be four problems worth 25 points each.

1. Problem 1 will be one or two questions of the kind that you did in d1.
2. Problem 2 will be one or two questions of the kind that you did in d2.
3. Problem 3 will be one or two questions of the kind that you did in d3.
4. Problem 4 will contain five Pred Logic formulas $\alpha_i$ from the vocabulary $\Sigma_g$, five colored graphs, $G_i$, and five strings of English text, $E_i$, $i = 1, \ldots, 5$. Your job will be to produce two 1:1 and onto functions, $g : \{1, \ldots, 5\} \rightarrow \{1, \ldots, 5\}$ and, $e : \{1, \ldots, 5\} \rightarrow \{1, \ldots, 5\}$ such that for each $i \in \{1, \ldots 5\}$, $G_{g(i)}$ is the unique graph that satisfies $\alpha_i$ and $E_{e(i)}$ is a correct translation of $\alpha_i$ into English.

Each of the four problems will be completed on its own sheet. Please write your name on the top of each sheet that you hand in. That way we can divide them up easily for grading.

By this Saturday morning I will post on the syllabus page, solutions to hw1 and hw2.

By this Saturday morning I will post on the syllabus page, a Practice First Test.

At the review session on Monday, Dan will give a detailed presentation of solutions to the Practice First Test.

Remember that from now on, please no email to Clemens, Dan, nor Prof. Immerman. All cs250 email should be addressed to cs250@cs.umass.edu.