

Midterm 1 Information

- The first midterm will be on Tuesday, 18 February 2003, from 7:20–8:40 p.m.
- This exam is open book and open notes. However we strongly suggest that you prepare in advance a summary page of notes, as a study guide, and for more efficient information retrieval during the exam.
- The exam will cover all lectures, readings, and assignments up to and including the lecture on Tuesday, 4 Feb 2003. (please see the class schedule for exact coverage)
- Whereas the homework problems are generally time-consuming and designed to extend what we have learned in lecture one step farther, the exam questions will be designed to be short and to test the most fundamental topics which we have seen in the course.
- The exam will consist of a maximum of 10 questions. (I will of course reserve the right to give *fewer* questions should I choose). Since students are concerned about the type of questions which will be seen, I thought I would do you a favor and tell you right now about some of the questions.
 - There will be at least one question similar in spirit (although different in content and size) as Problem 3–3 of the text.
 - There will be at least two questions similar in spirit (although different in content) to one of the parts of Problem 3–4 of the text.
 - There will be at least two questions similar in spirit (although different in content) to Problem 4–1 and Problem 4–4 of the text.
 - There will be at least one questions involving amortized analysis of an algorithm or data structure.