

MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
Department of Electrical Engineering & Computer Science  
**6.041/6.431: Probabilistic Systems Analysis**  
(Fall 2011)

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FINAL EXAM ANNOUNCEMENTS

**Final Exam:** Closed-book, with three double-sided 8.5 x 11 formula sheet permitted. Please arrive early to find your seat before the prompt start at 9:00 AM. Calculators will not be allowed (there won't be any hard numerical calculations in the quiz).

*Date:* Tuesday, December 20

*Time:* 9:00 AM - 12:00 NOON

*Location:* du Pont Gymnasium

*Content:* The Final will cover all the material from the current term, up to and including the material covered in the Wednesday (Dec 7th) lecture, i.e. up to Section 9.1, with the exception of the material on confidence intervals based on the t-distribution (middle of p. 471 to the end of p. 473). However the emphasis will be on the material not covered in the first two quizzes (Chapters 5-9).

**Practice Quizzes:** Two past finals have been posted on the course website (Fall09 & Fall10), which will be reviewed at the TA quiz 2 review session. Please note that the final exam coverage, course coverage, and course emphasis change each term. Hence past finals are not necessarily indicative of this term's final. Material presented in lecture, recitation, tutorial, and problem set exercises should be your primary source of preparation.

**Office Hours:** Please check the course website as the final date approaches to find posted office hours pertaining to finals week.

**Optional 6.041/6.431 Final Review Session:** There will be a two-hour 6.041/6.431 quiz review session administered by two TAs. The session will consist of two parts. In the first hour, a concise overview of the theory will be presented. In the second hour, selected problems from past finals will be solved. Though completely optional, the final review is a great opportunity to reinforce your understanding of the material and perhaps gain new insight. Details for the final review:

*Date:* Thursday, December 15

*Time:* 1:00 - 3:00 PM

*Location:* 34-101

Problems for the final review will be selected from the Fall 2009 and Fall 2010 Final exam (each available on the course website under **Final Exam**). We will review as many problems as time permits. Full solutions will be posted on-line following the review. We strongly recommend working through the problems before coming to the final review.