

MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
Department of Electrical Engineering & Computer Science  
**6.041/6.431: Probabilistic Systems Analysis**  
(Spring 2010)

---

FINAL EXAM ANNOUNCEMENTS

**Final Exam:** Closed-book, with three double-sided 8.5 x 11 formula sheets permitted. Please arrive early to find your seat before the prompt start at 9:00AM. Calculators will not be allowed.

*Date:* Wednesday, May 19

*Time:* 9:00AM - noon

*Location:* Johnson Ice Rink

*Content:* The Final will cover all the material from the current term, however the emphasis will be on the more recent material. Recall that section 9.1 is covered upto p. 470, section 9.2 is covered upto p. 482, and section 9.4 is not covered.

**Instructions:** Multiple choice questions have a single correct answer, and no credit will be given for any incorrect answers. Other questions require fully-reasoned, convincing answers; partial credit is possible and reaching a correct conclusion does not guarantee full credit on these questions.

**Practice Quizzes:** Two past finals with full solutions are available on the OCW website (Spring05 & Spring06). An additional two finals have been posted on the course website (Spring09 & Fall09), which will be reviewed at the TA final review session. Please note Final 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.

<http://ocw.mit.edu/OcwWeb/web/home/home/index.htm>

<http://stellar.mit.edu/S/course/6/sp10/6.041/materials.html>

**Office Hours:** Please check the course website as the final date approaches to find posted office hours pertaining to finals week. There will be a bunch of office hours from May 16-18.

**Optional 6.041/6.431 Final Review Session:** There will be a two-hour 6.041/6.431 final 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, May 13

*Time:* 7:30 - 9:30 PM

*Location:* 32-123

Problems for the final review will be selected from the 6.041 Spring 2009 and Fall 2009 Final exam (each available on the course website under **Quiz Material**). 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.