

STATISTICS 420 AUTUMN 2009

Instructor: Steve MacEachern

e-mail: snm@stat.ohio-state.edu

web site: www.stat.ohio-state.edu/~snm/420

Office: 205C Cockins Hall

Office Hours: Monday, 2:30 - 4:18

Phone: 292-5843

Lectures: MWF 8:30 - 9:48 Aviation Building 0110

Text: *John E. Freund's Mathematical Statistics with Applications, seventh edition, by Irwin Miller and Marylees Miller (Pearson Prentice Hall)*

Teaching Assistant: Fangfang Sun

e-mail: fangfang@stat.osu.edu

Office: MA 450

Office Hours: Tuesday 10:30 - 11:30, Thursday 2:30 - 3:30

Phone: 292-1093

Course Description: Statistics 420 the first of a two quarter sequence on probability and statistics. Stat 420 will cover probability—the material in Chapters 1 through 8 of the text, with a few bits left out.

Grading: Course grades will be assigned on the basis of performance on homework, two midterm exams, and the final exam.

Homework	30%
ExamI	20%
ExamII	20%
Final	30%

All exams will be closed book, closed notes. The midterm exams will be given in class. The exams are tentatively scheduled for Friday, October 16 and Monday, November 23. The dates will be confirmed (or changes announced) in class. The date and time of the final exam is as scheduled in the main registration guide. It will be on **Tuesday, December 8, from 9:30 to 11:18am.**

Homework assignments: Homework will be collected approximately weekly. Homework is due at the *beginning* of class. **No late assignments will be accepted.** On a typical homework assignment, the TA will grade some, but not all, of the assigned problems. Your lowest homework score will be dropped before computing your homework grade.

Recitations: Recitations are an integral part of this course. In some recitations, the TA will spend time going over examples, answering questions about the homework and explaining concepts. At other times, the TA will cover material that is not covered in lecture. For example, the first recitation will cover basic material from Chapter 1 of the text.

Course web page: There will be a course web page where you will find copies of the homework assignments and occasional other postings. See above for the web page address, or get to it from my home page on the Statistics Department's web site.

Homework Assignment 1: Due Friday, October 2. From the text, problems 1.31, 1.37, 1.55, 2.1 (a,b), 2.2 (b), 2.40, 2.43, 2.46, 2.62, 2.76, 2.77, 2.100.