

**Applied Mathematics 165**  
**Statistical Inference I-Update**

**Course Information**

**Instructors:** Donald McClure, Room 216, 182 George St, Telephone: X-31496, email: Donald.McClure@brown.edu. Office Hours: TBD

**Course Web Page:** [www.dam.brown.edu/people/dem/am165](http://www.dam.brown.edu/people/dem/am165)

**Lectures:** Tuesday and Thursday, 1:00 - 2:20, BH141.

**Teaching Assistants:** TBD

**Text:** *Mathematical Statistics with Applications*, Sixth Edition, by Wackerly, Mendenhall and Scheaffer, Duxbury Press, 2001. AM165 covers approximately chapters 1 through 10.

**Reading Assignment:** Chapter 1 and Chapter 2, Sections 1 - 5.

**Problem Sessions:** There will be a weekly one-hour problem session run by a Teaching Assistant. Each member of the class will choose a section hour and corresponding TA. You will give your completed homework to that TA, use that TA as a point-of-contact for questions about the course, etc. throughout the semester. Session times and locations are:

Tuesday	4:10 – 5:00	Location TBA
Wednesday	12:00 - 12:50	Location TBA
Thursday	12:00 - 12:50	Location TBA

**Weekly Homework Assignments:** There will be weekly assignments, to be due at noon on Friday of the week following the one during which the assignment is given out. To facilitate turning in work and getting back graded work, there will be a file drawer reserved for AM165 in the kitchen at 182 George Street. You can either turn problem sets in at lecture on Thursday or drop them off at the file drawer before noon on Friday. Sample solutions will be available at the course web page after the homework is due. Homework counts roughly 20% of the course grade, as well as being highly correlated with exam performance.

**Problem Set I:** Due Friday, September 14, 2001

Chapter 1: 3, 5, 12, 15, 20, 25, 26;

Chapter 2: 4, 6, 8, 13, 14, 15, 19.

**Exams:** There will be two midterms in class. These are scheduled for **Thursday, October 11, and Tuesday, November 13**. (In the past—and we will do this again this year—the class has been offered the option of having the second midterm scheduled for the evening in order to reduce the time pressure associated with the short class hour.) Each midterm counts approximately 20% of the course grade. The final exam is scheduled for Wednesday, December 12 at 9:00am. The final counts for approximately 40% of the course grade. All exams are open-book, open-notes.