Professor George Casella  
Griffin-Floyd 102  
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Prerequisite  
STA 4321 or equivalent. You can see what was covered by looking at  
http://web.stat.ufl.edu/ranjini/Teaching/sta4321/  

Lecture and office hours  
Lectures: MWF Period 6: 12:50-1:40, Griffin Floyd 100  
Office Hours: Monday Period 5 (11:45-12:35)  
More will be announced

Textbook  

Web Page  
The web page for the course is  
http://www.stat.ufl.edu/casella/sta4322/  
In addition, there is an email archive at  
http://web.stat.ufl.edu/casella/mail4322/  
There you will find the answers (and questions) that have been asked through email.  
To ask a question using email, do the following  

1. Send the question to casella@stat.ufl.edu (NOT to the archive I will not monitor the archive).
2. Make sure that your email has an informative subject
3. I will answer you, and also send the answer to the archive for all to see (unless otherwise requested in cases of personal matters).

Homework  
Homework will be assigned each Monday, due the following Monday. Everyone is expected to do every problem, and specific students will present solutions to the class.

Exams
Exam 1: Wednesday January 31  
Exam 2: Wednesday February 28  
Exam 3: Wednesday April 4  
Final Exam: Wednesday May 2, 3-5pm

All exams are closed book exams. The in-class exams will consist of three problems, one of which you have seen before (if you do the homework). Any requested formula will be provided.

**Grades**

- Homework Presentation: 5%
- Exams 1-3: 20% each
- Final Exam: 35%

**Outline**

We will cover Chapters 7-10 of the textbook, with additional material if time allows.

- Chapter 7: Sampling distributions, central limit theorem
- Chapter 8: Estimation, mean squared error, confidence intervals
- Chapter 9: Consistency, sufficiency, Rao-Blackwell, MLEs
- Chapter 10: Small- and large-sample tests, power, p-values

Additional material may include: Least squares regression, analysis of variance, contingency tables, and nonparametrics