STAT 467/667 EXAM 2 INFORMATION

SPRING 2015

1. **EXAM 2: Monday April 20**

2. You may bring 1 sheet of paper with formulas or definitions written on one side of the page only. Your notes must be in your own handwritting, not typed. You may also bring your formula sheet from exam 1 if you would like.

3. You may bring a calculator.

4. The exam covers everything from Bayesian estimation through two-sample hypothesis testing. The corresponding sections in your book are:

   - Chapter 5, Section 5.8 (Bayesian estimation)

   - Chapter 6, Sections 6.1-6.5 (One-sample hypothesis testing, Z-test, Type I and Type II errors, generalized likelihood ratio test)

   - Chapter 7, Sections 7.1-7.5 (Distributions: χ^2, t, F, drawing inferences about μ (using a t-test) and σ^2 (using a χ^2-test), confidence intervals)

   - Chapter 9, Sections 9.1-9.5 (Two-sample hypothesis testing, t-test, F-test, confidence intervals)

5. The best practice for the exam is to review your homework and class examples. For homework problems, please take a look at the solutions posted on the web to make sure you are doing the problems correctly.

6. I will not post practice exam problems this time, but we will review and go over examples in class during the week of April 13-17.

7. **Good luck!!**