Textbook: Statistics for Business and Economics, 10th ed., by McClave, Benson and Sincich

Course Content:
We plan to cover the following topics: statistical thinking, descriptive statistics, probability, estimations, confidence intervals, tests of hypotheses. The course will cover the materials in Chapters 1–7. We will also learn how to use SAS for data analysis (the very basic). SAS is available on all campus computers. If you want to get one for your own PC, a copy of SAS is available in B05A, Gelman library. Any changes will be announced in class.
Stat 51, 53, 91, 104, 111, and 127 are related in their subject matter, and credit for only one of the six may be applied toward a degree.

Homework:
Seven homework assignments will be given (will be posted on blackboard). Four of them will be “randomly” collected in class on the due date and graded using a 5-point scale. Past due homework may be graded using a 2-point scale.

Quizzes/Exams:
There will be two unannounced quizzes (close book, 15± minutes), one midterm exam (open book, 1.5 hours), and one final exam (open book, 2 hours). The midterm will be held from 6:10 – 7:40 pm on 10/6/09. The date for the final exam will be determined by GWU. NO makeup quizzes/midterm will be given. In case of missing an exam due to medical condition, the student should talk to the instructor in advance or within 24 hours if due to emergency. The score for a missing exam may be extrapolated if absence is approved.

Final Grading:
Midterm 30%
Final exam 50% (comprehensive)
Homework 20% (5% for each graded homework assignment)
Quizzes 10% (5% for each as bonus)

Learning Outcomes: As a result of completing this course, students will be able to
1. demonstrate your understanding in basic concepts of Statistics
2. know how to describe simple data sets
3. interpret hypothesis test results adequately

Student Services:
If you experience difficulty in this course for any reason, please consult with me. If you have a disability and require accommodations, please notify me with a letter from DSS so that we can make arrangements.