Statistics 250, Section 701, Summer 1998

Instructor: Dr. Jürgen Symanzik
142 Science & Technology II
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Office hours: after class and by appointment

Text: *Statistics in Practice (Second Edition)*
by Ernest E. Blaisdell, Saunders College Publishing, Fort Worth

Classes: MTWR 11:45am – 1:50pm
May 18 – June 18, 1998

Room: **ENTERPRISE HALL 173**

Course Objectives:

1) Develop statistical thinking.

2) Develop problem–solving skills.

3) Understand basic statistical concepts and inference.

Course Requirements:

0) Prerequirement: High school algebra.

1) Class Attendance: You are responsible for all material assigned as required reading and/or presented in lecture.

2) Homework: Assignments will be handed out on Thursday every week and will be collected on Tuesday (5/26) or Monday (6/1, 6/8, 6/15) of the following week. Homework will be collected in class but homework mailed in (and postmarked) before the due date (time!) will be accepted as well. In general, late homework will not be accepted. There are 4 assignments, worth a total of 25% (125 points = 30 + 30 + 30 + 35 points) od your course grade. Homeworks will not be marked in detail. Points will be awarded depending on your written efforts working on each of the exercises ("no work at all" up to "full solution"). Solutions will be handed out in class on the due date (5/26, 6/1, 6/8, 6/15). Be guaranteed that each quiz contains **at least one** of the previous homework exercises. If you like, you may work in groups on the homework assignments. In fact, you are encouraged to do so. However, each person must turn in an individual homework solution sheet. Photocopies are not permitted.

3) Software: This course will not focus on any particular statistical software package. Instead, we will make use of software and teachware available on the WWW at many occasions. You can use any statistical package you want for the homework assignments. However, you have to understand concepts and ideas fort the quizzes and the final.

4) Quizzes: There will be three 75 point 1/2 period quizzes on 5/27, 6/3, and 6/10. In general, there is no way to make up for a missed quiz.

5) Final: A 2 hour, 150 point comprehensive final exam will be given on 6/18. Everyone will take the final exam.

Important Dates:

Homework handed out: Thursday 5/21, 5/28, 6/4, 6/11.

Homework due: Tuesday 5/26, Monday 6/1, 6/8, 6/15.

Quizzes: Wednesday 5/27, 6/3, 6/10 (1 hour in class).

Final: Thursday 6/18 (2 hour in class).

Grading System:

Final	30%	150 pts
Quizzes	3 x 15% (= 45%)	3 x 75 pts (= 225 pts)
Homework	25%	125 pts
Total	100%	500 pts

Course grades will be generally comparable (in terms of distribution) with grades assigned in other beginning statistics courses.