

## Statistics 250, Section 003, Spring 1999

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[http://www.galaxy.gmu.edu/~symanzik/teaching/1999\\_stat250/stat250.html](http://www.galaxy.gmu.edu/~symanzik/teaching/1999_stat250/stat250.html)  
Office hours: MF 2pm – 4pm and by appointment

Text: *The Basic Practice of Statistics*  
by David S. Moore, W. H. Freeman and Company, New York

Classes: W 4:30pm – 7:10pm  
January 27 – May 5, 1999

Room: ENTERPRISE HALL 178

Course Objectives:

- 1) Develop statistical thinking.
- 2) Develop problem-solving skills.
- 3) Understand basic statistical concepts and inference.

Course Requirements:

**0) Prerequisite:** 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 in class every week. Homework will be collected at the beginning of class in the following week. Homework mailed in (and post-marked) before the due date (time!) will be accepted as well. In general, late homework will not be accepted. There are 13 assignments, worth a total of 25% (250 points) of 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. 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 for the quizzes and the final.
- 4) **Quizzes:** There will be three 150 point 1 hour quizzes on 2/17, 3/10, and 4/14. In general, there is no way to make up for a missed quiz.

**5) Final:** There will be a 2 hour, 300 point comprehensive final exam. Everyone will take the final exam.

Important Dates:

**Homework handed out:** in class between 1/27 and 4/28 (13 assignments).

**Homework due:** in class between 2/3 and 5/5.

**Quizzes:** Wednesday 2/17, 3/10, and 4/14 (1 hour in class).

**Final:** date to be determined (2 hours).

Grading System:

Final	30%	300 pts
Quizzes	3 x 15% (= 45%)	3 x 150 pts (= 450 pts)
Homework	25%	250 pts
Total	100%	1000 pts

Course grades will be generally comparable (in terms of distribution) with grades assigned in other beginning statistics courses. Grades will be based on the full +/- grading scheme.