

MATHEMATICS 107  
SYLLABUS  
SPRING, 1993

Instructor: Susan Riner  
Office: 116 Seney Hall  
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Text: Elementary Statistics (5th ed.), Mario F. Triola

Course Content: Summary Statistics, Probability, Normal and Binomial Distributions, Hypothesis Testing, Correlation and Regression, ANOVA (chapters 1-7, 9, 10, 11).

Attendance: Students are expected to attend all classes and are responsible for any work missed when absent as well as any changes made in the schedule regarding homework, tests, or computer projects. There is no attendance policy; however, it is to your advantage to be in class.

Homework: Homework will be assigned daily but will not be taken up or graded. It is for your benefit and practice and will be discussed in class as time permits.

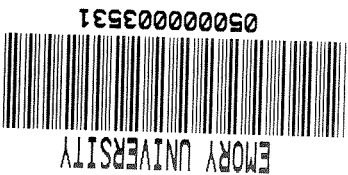
Computer Projects: This course will be heavily computer-assisted, but prior knowledge of computers is not required. Projects will be assigned and graded. Projects must be turned in on time. If you wait until the day before an assignment is due and the system is down, this will not constitute a legitimate excuse for turning in the assignment late.

Tests: You may use a calculator, your own notes, and your textbook during the tests and final exam. You are expected to take tests at the scheduled times only. Real emergencies which prohibit you from taking a test will be handled on an individual basis. It is your responsibility to notify the instructor before a test is missed if a conflict arises.

Grading: 5 tests - 500 points  
Computer Projects - 200 points  
Cumulative Final Exam - 200 points  
Total - 900 points

A: 810-900 points  
B: 720-809 points  
C: 630-719 points  
D: 540-629 points

Honor Code: ALL WORK SUBMITTED FOR CREDIT IS EXPECTED TO BE THE STUDENT'S AND THE STUDENT'S ALONE.



# Unit I - Descriptive Statistics

Jan. 13, Wed.	1.2
Jan. 15, Fri.	1.3
Jan. 20, Wed.	1.4
Jan. 22, Fri.	2.2, 2.3
Jan. 25, Mon.	2.4
Jan. 27, Wed.	2.5
Jan. 29, Fri.	2.6, 2.7
Feb. 1, Mon.	Review
Feb. 3, Wed.	TEST I

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Math 107  
Unit II Material  
Probability and Probability Distributions

Sept. 22 - 3.1, 3.2, 3.3

Sept. 24 - 3.4, 3.5

Sept. 29 - 4.1, 4.2, 4.3

Oct. 1 - 4.4, 4.5

Computer Project I due

Oct. 6 - Review

Oct. 8 - Test II

Mid-Semester Break

Math 107  
Unit III Material  
Normal Distributions/Confidence Intervals

Mon., Mar. 1 : 5.1 - 5.2

Wed., Mar. 3 : 5.3

Fri., Mar. 5 : 5.5

Spring Break

Mon., Mar. 15: 5.6

Wed., Mar. 17: 6.1 - 6.2

Fri., Mar. 19: Review

Mon., Mar. 22: TEST III

Computer Project III: due Friday, March 26  
Read pg. 47 - 49  
Problems 5.1, 5.5, 5.6, 5.8  
Read pg. 57 - Applicable Minitab Commands  
Problems 6.1, 6.4, 6.5 (use Set CI and the  
Interval commands)