

COURSE SYLLABUS
COLLEGE OF BUSINESS AND PUBLIC ADMINISTRATION
STATISTICS 362 B
Fall 1995

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This course is a continuation of Stat 361. It is assumed that the basic content of Stat 361 has been accomplished and that students are ready to move on in the area of statistical inference. Focus of the course will be on statistical comparison of group means, the chi-square statistic, analysis of variance, regression and correlation. Students will work individually and in groups to analyze data and present the results of their analysis to the class. Students will be expected to identify a source of statistical data and analyze and present results as part of their course grade.

Textbook: Statistics For Business and Economics (5th Ed.), Anderson, Sweeney and Williams, West Publishers.

In class work will require competent use of a statistical calculator equivalent to a TI-35 or TI-36. Students will also have to do work using GSU computers accessing Minitab or SPSS programs.

Class attendance and participation are both mandatory. Students missing 3 or more class sessions should withdraw from the course since they will not be able to participate sufficiently in class work.

Chapter Topics

Week 1 & 2

Review of Stat 361
Chapter 8 Interval Estimation - Large Samples

Week 3 & 4

Chapter 9 Hypothesis Testing

Week 5 & 6

Chapter 10 Statistical Inference about Means

Week 7 Exam

Week 8

Chapter 12 Tests of Goodness of Fit and Independence

Week 9 & 10

Chapter 13 Analysis of Variance



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Week 11& 12

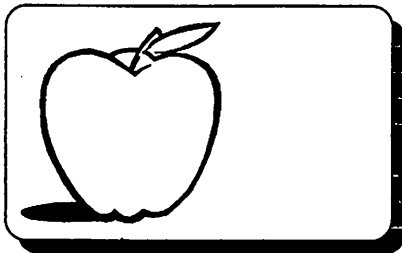
Chapter 14 Linear Regression and Correlation

Week 13

Chapter 15 Multiple Regression

Week 14 Student statistical presentations

Week 15 Student statistical presentations



Course Evaluation

Mid-Term Exam	40%
In-Class Group Work	20%
Presentation	40%