GOVERNORS STATE UNIVERSITY
College of Business and Public Administration

Course Number & Title: STAT 362 STATISTICS FOR MANAGEMENT II

Session: Fall 2001 M/W 11:00 a.m.-12:45 p.m.
Instructor: Dr. Phyllis R. Anderson
Phone No. (708) 534-4956, (630) 261-1884
FAX No.: (630) 261-1886

Office Hours: M/W: 12:30 a.m.-2:30 p.m.
Credit Hours: 3

Catalog Description:
A continuation of STAT 361. Topics covered include analysis of variance, regression analysis, correlation, interval estimation, hypotheses testing, nonparametric statistics, bivariate distributions, and chi-square tests. Students can make use of a statistical computer package in the analysis of data and application of statistical tests.

Perquisites: STAT 361


Study Guide, optional

Expected Student Outcomes:
After completion of the course, the student is able to:
1. Test hypotheses, using one or two sample designs.
2. Compute the Analysis of Variance for problems involving three or more sample spaces.
3. Compute a Chi-Square Analysis and Goodness of Fit test for an appropriate data set.
4. Describe and calculate Correlation and Regression Analysis of a data set.
5. Apply Nonparametric Tests to appropriate data sets.

Description:
The topics for the second course in Statistics for Management include Confidence Interval, Hypothesis Testing, Analysis of Variance, Regression, Correlation, Nonparametric Statistics, Bivariate Distributions and Chi-Square Tests.

Basis for Course Grade:
Class Participation 20% (including attendance, homework, etc.)
Exams (2 @ 40% each) 80%
The following percentages/letter grade relationship will hold for the total score:

- Over 89% A
- 80-89% B
- 70-79% C
- 60-69% D
- Below 60% F

Note:
1. No "incompletes" will be given unless the student has remained ill for a substantial period during the trimester, and in good standing.
2. No "make-up exams" except in proven medical emergencies.
3. Unexcused absences and tardiness will adversely affect your grade. Habitual violation will earn you a failing grade.
4. Incomplete, messy or late homework will not count towards your grade.

Syllabus Statement for Persons with Disabilities:
It is the intention of this institution to support full participation of all students, regardless of physical ability level. Therefore, if any student needs consideration of his/her physical abilities in order to complete the course, please notify the instructor as soon as possible.

SCHEDULE (Tentative)

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Exam dates will be announced as the course progresses.

Schedule is subject to change if necessary.

Note: This syllabus is subject to change without notice.