Syllabus for BL' 224
Applied Statistics (3 Cr)

Dr Steelquist
Fall 2001, 9 00 AM, MWF, H 102

COURSE OBJECTIVE

To gain a working knowledge of statistical methods and an understanding of the theory behind these methods Discussion. problems. lecture. and computer exercises will be used Specific objectives are:

1   Considerations in collecting useful data
    Calculating statistics
3   Determining distributions
4. Estimation
5. Hypothesis testing.

OUTLINE

Introduction	Chap. 1
Sampling	Chap. 8.1-8.3, 20.1-.2
Data Presentation	Chap. 2
Frequency Distributions	Chap. 3
Summary Measures	Chap. 4
MIDTERM	
Probability Concepts	Chap. 5
Discrete Distributions	Chap. 6
Normal Distribution	Chap. 7
Continuous Distributions	Chap. 9
MIDTERM	
Sampling Distributions	Chap. 8.4-8 6
Estimation	Chap. 10
Hypothesis Testing	Chap. 11
Regression	Chap. 13 & 14*
Nonparametric Statistics	Chap. 17* * If time permits
FINAL	

GRADING

Each Midterm 30%   Final 30% Quiz & Homework 10%

The final letter grade will be assigned by totaling the points from each graded item. No letter grades will be given for individual tests or quizzes. Exams and quizzes are open book. Attendance is expected and will be reflected by quiz grades. There will be no make up for missed quizzes! The lowest quiz grade will be dropped. Quizzes may be either announced or unannounced.   Homework may be collected occasionally for grading as a quiz. An exam can be made up only if the instructor is notified before the exam. The final will be cumulative with an emphasis on the material **after the last** midterm. Grading is on a modified curve so point totals for grades change each term. Check with the professor at any time to check on your current grade.

TEXT Lee. Cheng F , Lee, John C , and Lee, Alice C Statistics for Business and Financial Economics. Second Edition. World Scientific, Singapore, 2000

OFFICE HOURS
Mon , Wed , Fri 1 00 and by request in Kieffer Room 14, FF Phone 739-4602. steelq@chaminade.edu

Assignments

Chapter	Read	Problems
1	All	3,5,20
8	8.1,8.2,8.3	15,16,17
20	20.1,20.2,20.3,20.5	1,13,14,15,16,21,33
	(Text Only – not computations)	
2	All(Only Apndx A)	3,4,7,23,51
3	Omit pp69-70, 73-85	1,2,3,6,13,14,36-41
4	Omit 4C	1,4,8,10,14,17,20,25,53-57
5	All	1,4,6,9,12,16,21,33,70,78
6	Omit 6.8,6.9	1,2,5,6,10,11,14,24,25,27,34
	613	
7	Omit 7 4, 7.6,713	2,3,4,8,_] 0,18,21,33,36
9	All(Not Apndx)	2,7,8,14,19,25,29,32.3757
8	&4-&6	2,3,6,23,43,58
10	All(Not Apndx)	1,2,4,5,6,8,16,22,28,31,88
11	All(Not Apndx)	2,3,6,10,13,45,49,59,63,72
13	All(Not Apndx)	2,10,13,21,26,70
17	As time permits	

The problem assignments are a minimum. The instructor may assign additional problems as necessary. Any student who has difficulty with a problem type should do additional problems of that type to insure full understanding. The student who has completed all problems in the text may obtain additional problems.

More information is located at G:\PUBLIC\BU224S