Chaminade University of Honolulu
Spring Evening 2002 Semester
beginning 04/01/01 and coding 061.10102

Course:	BU 22440 Applied Statistics (3)
Time:	8:00- 12:15 noon on Saturday
Instructor:	Abel Konan
Communication:	973-9596 (working week days 9 am 4;30 pm) ablkonan@yahoo.com
Textbook:	Statistics for Business and Financial Economics, by Cheng F. Lec, John C. Lee, Mace C. Lee, Second Edition 2000.

Course Introduction-, Applied statistics for business and economics.

Course Description: The class offers opportunity to students to use basic statistical tools in various disciplines including business and economics. Students will learn about data collection and analysis and the use of graphs/charts. Then the concepts of probability and probability distribution will be studied. Statistical inference based on samples, estimation and quality control, hypothesis testing, and the analysis of the variance will be explored. Finally, if time permits, we will visit topics on correlation and regression analysis.

Course Objectives: Prepare the student to understand, use and apply statistics in their fields of interest, in research, and for decision-making, including business and economics.

Course Format: Lectures, participative class discussion on topics, applied example/ exercises, homework/student project, midterm assignment and final.

Course Requirement: Basic college algebra.

Grading System: your grade is the summation of the following components:

Attendance	10% of total grade (TG)
Class Participation	10% (TG)
Homework	10% (TG)
Research paper	20/0 (TG)
Midterm	25% (TG)
Final Exam	25% (ICs)
TOTAL	100%

Grading Scale: A = 90-100, B = 80-89, C = 70-79, O = 60-69, F = 59 and below
Not turning in homework or missing exam are not options and will result in the lost of the points assigned to the missed homework or exam.
An automatic F will sanction cheating or plagiarism.

Time Table/Schedule:

Date	Topics	Chapters
April		
6	Introduction, Data Collection and Representation	1,2
13	Frequency Distribution and Data Analysis, Numerical Summary Measures	3,4
20	Probability Concept and Their Analysis, Discrete Random Variables and Probability Distributions	5,6
27	**MIDTERM**	
May		
4	Normal and Lognormal Distributions, Sampling and sampling Distribution	7,8
11	Other Continuous Distributions Estimation and Statistical Quality Control	9,10
18	Hypothesis Testing, Analysis of the Variance	11,12
25	**FINAL**	