STATISTICS FOR BUSINESS

BA 2060 - 3(3-2)
COURSE OUTLINE

INSTRUCTOR: Kathleen D. Frei
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PREREQUISITE: BA 1050

COURSE DESCRIPTION:

An introduction to the use of random variables, the binomial and normal probability distributions, estimation, tests of hypotheses, regression and small sample theory in statistics is provided. Practical applications will be emphasized in the course.

TRANSFERABILITY:

This course in conjunction with BA 1050 provides exemption to the CGA Quantitative Methods 2 course and to the CMA Quantitative Methods course.

GRADING:		
	Midterm Exam	30%
	Final Exam	30%
	Assignments/Quizzes	40%

COURSE TEXT:

Statistics for Managers using Microsoft; First Edition; Levine, David M., Berenson, Mark L., Stephan, David.

NOTES:

Computer: Much of this course will be utilizing Microsoft Excel to assist with the statistical calculations. Although previous computer knowledge is not essential, it would assist the student greatly to be familiar with Windows '95 and the basic operations of spreadsheets.

Calculator: Lecture notes will be given for the TI -BA-35 Solar calculator. Students using a different calculator are responsible for learning how it functions.

Statistics for Business

BA 2060
Tentative Class Schedule

Week	Dates	Topic	Text Reading	Due
1	Sept 2, 4	Introduction	Chapter 1-3	
2	Sept 9, 11	Probability	Chapter 4	
3	Sept 14, 16, 18	Discrete Distributions	Chapter 4	
4	Sept 21, 23, 25	Normal Distributions & Sampling Distributions	Chapter 5	
5	Sept 28, 30 Oct 2	Confidence Intervals	Chapter6	
6	Oct 5, 7, & 9	Hypothesis Testing	Chapter 7	
7	Oct 14 & 16	Hypothesis Testing	Chapter 7	Mid term (16)
8	Oct 19, 21, & 23	Linear Regression	Chapter 11	
9	Oct 26, 28 & 30	Correlation	Chapter 11	
10	Nov 2, 4, & 6	Multiple Regression	Chapter 12	
11	Nov 9, 13	Multiple Regression	Chapter 12	
12	Nov 16, 18, & 20	Time Series & Index Numbers	Chapter 13	
13	Nov 23, 25, & 27	Linear Programming	Supplemental Materials	
14	Nov 30, Dec 2, 4	Linear Programming	Supplemental Materials	
Final Exams	Dec 8 to 17	Scheduled by Registrar		Final Exam

***   Students will also be required to read/complete various additional handouts and exercises assigned throughout the term