SEP. 13 2001

STATISTICS FOR BUSINESS

BA 2060 3 (3 - 2)

Instructor: Kathleen D. Frei
Office: C 413
Phone: 539-2007
Email frei@gprc.ab.ca
Office Hours: M 11:30 to 1:00
T 11:30 to 1:00

(I tend to wander - the best way to see me is to make an appointment.)

Prerequisite: BA 1050

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%
4 Quizzes 10% each

Course Text:
Statistics for Business and Economics, Seventh Edition; Anderson, Sweeney, Williams. This text will be used extensively.

Calculator:
Lecture notes will be given for the Sharp Business/Financial Calculator EL-735 . Students using alternate calculators are responsible for learning the functions.

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 '98 and basic spreadsheet operations.

Disks:
You must have access to storing data on your disk. Please ensure you have 2 disks for this class.

Course Description:
An introduction to the use of binomial and normal probability distributions, estimation, hypotheses testing, linear regression, multiple regression, forecasting, time series and linear programming is provided. Practical applications will be emphasized in the course.

Records Retention:
Class records, including exams, related to this course will be maintained for six months after the last day of classes for this course. These records will then be destroyed in a secure manner.

Attendance:
To get the most out of this course, regular attendance and participation in class activities is required.

BA 2060
Tentative Class Schedule 2001

Week	Dates	Topic	Chapter Reading	Due
1	Sept 5 & 7	Data & Statistics Descriptive Statistics I	Chapter 1 & 2	
2	Sept 10, 12 & 14	Descriptive Statistics 11 Introduction to Probability	Chapter 3 Chapter 4	
3	Sept 17, 19 & 21	Introduction to Probability Discrete Distributions	Chapter 4 Chapter 5	
4	Sept 24, 26 & 28	Discrete Distributions	Chapter 5	Quiz (28)
5	Oct 1, 3 & 5	Continuous Probability Distributions	Chapter 6	
6	Oct 10 & 12	Sampling and Sampling Distributions Interval Estimation	Chapter 7 Chapter 8	
7	Oct 15, 17 & 19	Interval Estimation Hypothesis Testing	Chapter 8 Chapter 9	Quiz (19)
8	Oct 22, 24 & 26	Hypothesis Testing	Chapter 9	Mid Term (26)
9	Oct 29, 31 & Nov 2	Linear Regressions & Correlation	Chapter 14	
10	Nov 5 & 7	Multiple Regression	Chapter 15	
11	Nov 12, 14 & 16	Regressions Analysis	Chapter 16	Quiz (16)
12	Nov 19, 21 & 23	Index Numbers	Chapter 17	
13	Nov 26, 28 & 30	Forecasting & Time Series	Chapter 18	
14	Dec 3, 5 & 7	Linear Programming	Supplemental Materials	Quiz (7)
Final	Dec 10 to 19	Scheduled by Registrar		

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

➢   Surprise quizzes occur on Friday.