Grande Prairie Regional College

Department of Business

COURSE OUTLINE – FALL 2010

BA2060 3(3-0-2) UT – Introduction to Statistics for Business

Instructor	Gwen Hoyseth	**Phone**	539-2066
Office	C212	**E-mail**	ghoyseth@gprc.ab.ca
Office Hours	Monday and Wednesday 10:30 -12:00 or by appointment		

Prerequisite:

BA 1050 or consent of the instructor

Required Text/Resource Materials:

A Course in Business Statistics 4th Edition, by Groebner, Shannon, Fry and Smith. Prentice Hall, 2006

Sharp Business/Financial Calculator. Students using an alternate calculator are responsible for using the functions. A calculator should be brought to all classes and labs

Microsoft Excel will be used to assist with the statistical calculations for the lab. Please bring the CD supplied with the book to the lab.

Description:

This is an introduction to the use of random variables, descriptive statistics, probability, the binomial and normal probability distributions, estimation, small and large sample theory, analysis of variance, tests of hypotheses, regression analysis and time series. Practical applications are emphasized in the course.

Credit/Contact Hours:

This is a 3 credit course with 4 hours of lecture per week and a one hour lab component. Students are expected to attend all classes and labs.

Delivery Mode:

For each topic there will be a classroom discussion of related statistical procedures. Textbook readings will be assigned throughout the term, and problems from the text will be used to demonstrate material. Assignments and class tests will be scheduled to assess your knowledge, understanding , and application of the material.

Objectives:

The student will develop problem-solving skills and gain appreciation of the statistics of modern society. This course will help to prepare the student to apply statistical analysis to real world decision making problems

Transferability:

Athabasca University, Canadian University College, King's University College.

Students should check the Alberta Transfer Guide concerning transferability as all arrangements are subject to change.

Grading Criteria:

The grading system employed in this course will be:

Quizzes and Assignments	30%
Midterm # 1 (chapters 1-3)	20%
Midterm # 2 (chapters 4-6)	20%
Final Exam (chapters 7-13)	30%

Business Administration and Commerce Department

Grading Conversion Chart

Alpha Grade	4-point Equivalent	Percentage Guidelines	Designation
A+	4	90-100	EXCELLENT
A	4	85-89	
A−	3.7	80-84	FIRST CLASS STANDING
B+	3.3	76-79	
B	3	73-75	GOOD
B−	2.7	70-72	
C+	2.3	67-69	SATISFACTORY
C	2	64-66	
C−	1.7	60 – 63	
D+	1.3	55 – 59	MINIMAL PASS
D	1	50 – 54	
F	0	0 – 49	FAIL

Assignments, Quizzes, and Exams

1. Assignments will be handed in at the beginning of class on the due date.
2. Quizzes and exams will be written as scheduled
3. Final exams will be scheduled by the registrar during the period between December 9th and December 18th. Plan to be here during this time
4. The first midterm is tentatively scheduled for the last week in September, while the second midterm is tentatively scheduled for the last week in October.

Course Schedule/Timeline:

Week	Topic
September 2	General Introduction
September 6	Chapter 1 & Chapter 2
September 13	Chapter 2 & Chapter 3
September 20	Chapter 3 – Continued
September 27	Chapter 4 & **Midterm #1 (Chapter 1 through 3)**
October 4	Chapter 5
October 11	Chapter 5 & Chapter 6
October 18	Chapter 6 & Chapter 7
October 25	Chapter 7 & **Midterm #2 (Chapters 4 through 6)**
November 1	Chapter 8 & Chapter 9
November 8	Chapter 9 & Chapter 10
November 15	Chapter 10 & Chapter 11
November 22	Chapter 11 & Chapter 12
November 29	Chapter 12 & Chapter 13 **Course Review**

Please note that dates are approximate and may be changed by the instructor to meet the needs of the class.

Statement on Plagiarism:

Plagiarism will not be tolerated. Please ensure you read and understand the College policy on plagiarism as published in the Calendar. If you have any questions as to whether or not you might be violating this policy, please discuss this with your instructor before you submit your assignment. The instructor reserves the right to use electronic plagiarism detection services.