DEPARTMENT OF BUSINESS AND OFFICE ADMINISTRATION

COURSE OUTLINE – FALL 2019
BA2060 STATISTICS FOR BUSINESS - 3(3-0-2) 75 UT

INSTRUCTOR:	Charles A. Backman	**PHONE:**	(780) 539-2846
OFFICE:	E308	**EMAIL:**	cbackman@gprc.ab.ca

OFFICE HOURS: Monday: 11:30 am – 1:00 pm/Friday: 8:30 am – 10:00 am
Or   By Appointment

PREREQUISITE(S)/COREQUISITE:
BA1050 or consent of instructor

REQUIRED TEXT/RESOURCE MATERIALS:
Statistics For Business and Economics 14th Edition, by Anderson Sweeny and Williams. Cengage 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.

CALENDAR 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, forecasting, time series and linear programming is provided. Practical applications are emphasized in the course.

CREDIT/CONTACT HOURS:
This is a 3 credit course with 3 hours of lecture per week and a two hour lab component. Students are expected to attend all classes and labs.

DELIVERY MODE(S):
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

OUTCOMES:
Students at the completion of the course will have an understanding of introductory statistics up to regression analysis and will be able to use statistical analysis on business problems.

TRANSFERABILITY:
CPA Program
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.

** Grade of D or D+ may not be acceptable for transfer to other post-secondary institutions. Students are cautioned that it is their responsibility to contact the receiving institutions to ensure transferability

GRADING CRITERIA:
The grading system employed in this course will be:

Quizzes and Assignments	30%
Midterm # 1 (chapters 1-3)	20%
Midterm # 2 (chapters 4-8)	20%
Final Exam (chapters 9-17)	30%

GRANDE PRAIRIE REGIONAL COLLEGE			
GRADING CONVERSION CHART			
Alpha Grade	**4-point Equivalen**	**Percentage Guidelines**	**Designation**
A$^+$	4.0	90 – 100	**EXCELLENT**
A	4.0	85 – 89	
A$^-$	3.7	80 – 84	**FIRST CLASS STANDING**
B$^+$	3.3	77 – 79	
B	3.0	73 – 76	**GOOD**
B$^-$	2.7	70 – 72	
C$^+$	2.3	67 – 69	**SATISFACTORY**
C	2.0	63 – 66	
C$^-$	1.7	60 – 62	
D$^+$	1.3	55 – 59	**MINIMAL PASS**
D	1.0	50 – 54	
F	0.0	0 – 49	**FAIL**
WF	0.0	0	**FAIL, withdrawal after the deadline**

EVALUATIONS:

Assignments

- There will 17 assignments dispersed throughout the semester (see schedule for dates). The best 10/17 will account for 10% of your final grade. Each assignment will be worth 1% of the student's final grade, regardless of the length of the assignment. The student will have a maximum of 2 attempts at each assignment.
- The breakdown of the assignments is as follows:
  - Chapter 1 - 8 – best 5/8 assignments (5%)
  - Chapter 9 - 17 – best 5/9 assignments (5%)
- The assignments it is planned will be available within Web Assign, the publisher provided education tool to accompany the textbook.

Quizzes

- Each chapter covered in the text(s) will have an associated end of chapter quiz that the students are recommended to complete.
- The quizzes will be multiple choice questions, each worth one mark. Each Quiz will have 20 multiple choice questions.
- It is imperative for the student to study and complete the questions at the back of each chapter to be successful at these quizzes.
- The objective is to have the quizzes focus on theoretical aspects of each chapter.
- The best 10 quizzes out of 17 will account for 25% of the student's final grade (10 @ 2.5% = 25%). The breakdown of the quizzes is as follows:
  - Chapter 1 - 8 – best 5/8 quizzes
  - Chapter 9 - 17 – best 5/9 quizzes

Mid Terms and Final

1. The first midterm is scheduled for September 27th, while the second midterm is scheduled for the October 18th.
2. Final exams will be scheduled by the registrar during the period between December 11th and December 20th. Please plan to be here during this time

STATEMENT ON PLAGIARISM AND CHEATING:

Refer to the Student Conduct section of the College Admission Guide at
http://www.gprc.ab.ca/programs/calendar/ or the College Policy on Student Misconduct: Plagiarism and Cheating at www.gprc.ab.ca/about/administration/policies/**
**Note: all Academic and Administrative policies are available on the same page.

A SAIT COURSE IN ''CONTINOUS IMPROVEMENT' IN THE WINTER TERM MAY BE AVAILABLE FOR STUDENTS OF THIS CLASS

COURSE SCHEDULE/TENTATIVE TIMELINE:

Date	Chapter Covered	Assignments	Quizzes	Examinations
Sept 4/6	Course Introduction	**See Web Assign for	**See Connect for details**	
Sept 9 – 13	Chapter 1/2			
Sept 16 – 20	Chapter 3			
Sept 23 – 27	Chapter 4/5			**Mid-Term 1 Sept 27**
Sept 30 – Oct. 4	Chapter 6/7			
Oct 7 – 11	Chapter 8			
Oct 14 – 18	Chapter 9			**Mid-Term 2 Oct 18**
Oct 21 – 25	Chapter 10			
Oct 28 – Nov 1	Chapter 11			
Nov 4 – 8	Chapter 12			
Nov 11 – 15	Chapter 13			
Nov 18 – 22	Chapter 14/15			
Nov 25 – 29	Chapter 16/17			
Dec 2 – 6	**Revision**			
Dec 9	**Revision**			
Dec. 11 - 20	Exam Schedule			**Final Exam – 30%**

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