DEPARTMENT OF BUSINESS AND OFFICE ADMINISTRATION
COURSE OUTLINE – FALL 2020
BA 2060 A2 Statistics for Business – 3(3-0-2) UT 75 Hours for 15 Weeks

INSTRUCTOR: Dr. Chuntai Jin **PHONE:** (780) 539-2857
OFFICE: N/A **E-MAIL:** cjin@gprc.ab.ca

OFFICE HOURS: TBA

FALL 2020 DELIVERY:
Remote Delivery. This course is delivered remotely. There are no face-to-face or onsite requirements. Students must have a computer with a webcam and reliable internet connection. Technological support is available through helpdesk@gprc.ab.ca.

GPRC uses the *Zoom* audiovisual conference system for remote delivery. To participate in Zoom meetings, click on the meeting links that your instructor has set up within your *D2L* course space.

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.

PREREQUISITE(S)/COREQUISITE:
BA1050

REQUIRED TEXT/RESOURCE MATERIALS:
- Sharpe, De Veaux, Velleman, & Wright (2020). <u>*Business Statistics 4th Canadian Edition*</u>, Pearson. This textbook includes *MyLab Statistics. MyLab* is a learning platform that allows students to practice course material without limit. It will also help you identify topics you still need to work on and will create a personalized study plan. Furthermore, you are required to complete a series of online homework assignments and quizzes in *MyLab*. You need an access code to register for *MyLab Statistics* for this course. Registration instructions are provided on the last page of the course outline.
- Microsoft Excel/StatCrunch will be used to assist with the statistical calculations.
- A business/financial calculator (TI-BA II Plus is recommended).

COURSE 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.

LEARNING 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:

BA 2060 is transferable to the following Alberta Colleges and Universities:

- Athabasca University: MGSC 301
- Burman University: MATH 240
- Concordia University of Edmonton: BUS 112
- King's University, The: BUSI 3xx
- MacEwan University: STAT 151
- University of Lethbridge: STAT 1xxx

*Warning: Although we strive to make the transferability information in this document up-to-date and accurate, **the student has the final responsibility for ensuring the transferability of this course to Alberta Colleges and Universities**. Please consult the Alberta Transfer Guide for more information. You may check to ensure the transferability of this course at Alberta Transfer Guide main page http://www.transferalberta.ca or, if you do not want to navigate through few links, at http://alis.alberta.ca/ps/tsp/ta/tbi/onlinesearch.html?SearchMode=S&step=2

* 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**

EVALUATIONS:

Assignments 15%
Quizzes 15%
Term test 1 *(Monday, Oct 5)* 20%
Term test 2 *(Monday, Nov 9)* 20%
Final exam 30%

GRADING CRITERIA:

Please note that most universities will not accept your course for transfer credit **IF** your grade is **less than C-**.

Alpha Grade	4-point Equivalent	Percentage Guidelines		Alpha Grade	4-point Equivalent	Percentage Guidelines
A+	4.0	90-100		C+	2.3	67-69
A	4.0	85-89		C	2.0	63-66
A-	3.7	80-84		C-	1.7	60-62
B+	3.3	77-79		D+	1.3	55-59
B	3.0	73-76		D	1.0	50-54
B-	2.7	70-72		F	0.0	00-49

STUDENT RESPONSIBILITIES:

- **Participation:** Regular attendance is critical to success in this course. Should a student be unable to attend a class, it is the student's responsibility to acquire the material missed and to complete the assigned readings, in-class work, and assigned homework.
- **Time Management:** Adopting and adhering to effective learning habits in this course will likely take up a great deal of time so plan your schedule accordingly. It is difficult to catch up once a student falls behind in readings and exercises.
- **Cell Phones:** The use of cell phones during class time is unprofessional and distracting to the instructor and fellow students. Texting during class is therefore prohibited. **Cell phones must be either turned off or set to silent mode during class.**
- **Recording: Photographing and/or recording course content is strictly <u>prohibited</u>** unless advance permission is obtained from the instructor. In the event permission is granted, such recordings may only be used for individual study, and may not reproduced, transferred, distributed or displayed in any public manner.
- **Email**: Email is the preferred option to communicate with your instructor. **Email correspondence to your instructor <u>must</u> be sent from your GPRC student email account.** Emails should be professionally formatted and include a subject, correct spelling and grammar, and a reference to course material and/or textbook pages, etc. Emails that do not adhere to this format may not be responded to.

STUDY & WEB RESOURCES:

- Course materials (course outline, lecture notes, etc.) will be available on your *D2L* course space (*https://myclass.gprc.ab.ca/d2l/home*). Students are responsible for checking *D2L* regularly and downloading the lecture notes before each class.
- Assignments and quizzes will be available on *MyLab Statistics*.

ASSIGNMENTS, QUIZZES AND EXAMS:

Students are expected to finish all assignments and quizzes. Due dates of all assignments and quizzes are available on *MyLab Statistics*. **Late assignments and quizzes are NOT accepted** and will result in a grade of zero unless prior arrangements have been made with the instructor. All exams will be written as scheduled. **No rewrite/rescheduled exams will be given**. If there is an excusable absence, the weighting of the missed exam will be added to the final exam weighting.

Assignments
- There will be 15 assignments throughout the semester. The best 10/15 will account for 15% of your final grade. Each assignment will be worth 1.5% of the student's final grade, regardless of the length of the assignment.
- The assignments will be marked immediately, and the student will receive their grade immediately.
- All assignments must be completed before the expiration of the pre-set due date or the student will receive a mark of zero for any missed assignments.

Quizzes
- There will be 15 quizzes throughout the semester. The best 10/15 will account for 15% of your final grade. Each quiz will be worth 1.5% of the student's final grade.
- Each chapter covered in the text will have an associated end of chapter quiz. Each quiz consists uniformly of 20 multiple choice questions.
- The quizzes will be marked immediately, and the students will receive their grade immediately. Corrections for the attempted quiz will be made available to the students after the due date.
- All quizzes must be completed before the expiration of the pre-set due date or the student will receive a mark of zero for any missed quizzes.
- Once you start the quiz, you must complete the entire quiz within the one-hour time limit. Logging off or losing the internet connection during the quiz will result in a grade based only on the proportion of the quiz that has been completed. It is imperative that the student has a reliable internet connection when attempting the quiz.

Exams
- **Term test 1** will be written upon the completion of Chapter 6 and is scheduled for **October 5**. **Term test 2** will be written upon the completion of Chapter 11 and is scheduled for **November 9**. **Final exam** is cumulative and will be scheduled by the registrar's office during December exam period.

STATEMENT ON PLAGIARISM AND CHEATING:

Cheating and plagiarism will not be tolerated and there will be penalties. For a more precise definition of plagiarism and its consequences, 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 http://www.gprc.ab.ca/about/administration/policies/

**Note: all Academic and Administrative policies are available on the same page.

Plagiarism

Plagiarism means submitting work (words, ideas, images, or data) in a course as if it were their own work done expressly for that particular course when, in fact, it is not. Most commonly, plagiarism exists when:

- the work submitted or presented was done, in whole or in part, by an individual other than the student (this includes having another person impersonate the student or otherwise substitute the work of another for their own in an assignment, examination, or test)
- Parts of a student's work are taken from another source without reference to the original author. This includes ideas, words, and images appearing in print, digital, graphical, internet, audio and video formats
- students submit or present the work in one course which has also been submitted in another course (although it may be completely original with the student) without the prior agreement of the instructor
- Clinical or laboratory reports are falsified or fabricated.

While it is recognized that academic work often involves reference to ideas, data and conclusions of others, intellectual honesty requires that such references be explicitly and clearly noted.

Instructors may choose to use online plagiarism detection services. When students submit a paper, it is understood that they are consenting to such a procedure and that they cannot claim any copyright violation should such paper be uploaded to an online plagiarism detection database.

Cheating

Cheating on tests or examinations includes, but is not limited to, the following:

- dishonest or attempted dishonest conduct such as **speaking to other students or communicating with them under any circumstances whatsoever**
- bringing into the examination room a textbook, notebook, memorandum, other written material or mechanical or electronic device not authorized by the examiner or instructor
- writing an examination, or part of it, outside the confines of the examination room without permission to do so
- consulting any person or materials outside the confines of the examination room without permission to do so
- leaving answer papers exposed to view, or any attempts to read other students' examination papers

- tampering or attempts to tamper with examination scripts, class work, grades and/or class records; the acquisition, attempted acquisition, possession, and/or distribution of examination materials or information not authorized by the instructor
- Impersonation of another student in an examination or other class assignment.
- **Absolutely no examination materials may be removed from the examination room**. All papers, answer forms and examination question sheets must be returned to the instructor. If students leave the examination room for any reason unacceptable to the instructor, they must hand in all examination materials and it will be assumed that the examination is completed.

If students voluntarily and consciously aid another student in the commission of one of these offenses they are also guilty of misconduct. Any attempt to commit academic misconduct will bear the same consequences as if the act occurred. A student who assists another student in an act or attempted act of misconduct will also be considered to have committed an offense.

COURSE SCHEDULE/TENTATIVE TIMELINE:

Week	Chapter Covered	Examinations
1	Chapter 1	
2	Chapter 2	
3	Chapter 3/4	
4	Chapter 5	
5	Chapter 6	
6	Chapter 7	*Midterm 1 Oct 5 (Ch1-6)*
7	*Fall Break No Class*	
8	Chapter 8/9	
9	Chapter 10	
10	Chapter 11	
11	Chapter 12	*Midterm 2 Nov 9 (Ch7-11)*
12	Chapter 13	
13	Chapter 14	
14	Chapter 15	
15	Chapter 16	

* Course schedule is approximate and may vary slightly at the discretion of the instructor.

Pearson | MyLab | Statistics

To register for BA 2060 Statistics for Business:

1. Go to https://www.pearson.com/mylab.
2. Under Register, select **Student**.
3. Confirm you have the information needed, then select **OK! Register now**.
4. Enter your instructor's course ID: jin19947, and **Continue**.
5. Enter your existing Pearson account **username** and **password** to **Sign In**. You have an account if you have ever used a MyLab or Mastering product.
   » If you don't have an account, select **Create** and complete the required fields.
6. Select an access option.
   » Enter the access code that came with your textbook or that you purchased separately from the bookstore.
   » If available for your course,

      • Buy access using a credit card or PayPal.
      • Get temporary access.

   If you're taking another semester of a course, you skip this step.
7. From the You're Done! page, select **Go To My Courses**.
8. On the My Courses page, select the course name **BA 2060 Statistics for Business** to start your work.

To sign in later:

1. Go to https://www.pearson.com/mylab.
2. Select **Sign In**.
3. Enter your Pearson account **username** and **password,** and **Sign In**.
4. Select the course name **BA 2060 Statistics for Business** to start your work.

To upgrade temporary access to full access:

1. Go to https://www.pearson.com/mylab.
2. Select **Sign In**.
3. Enter your Pearson account **username** and **password,** and **Sign In**.
4. Select **Upgrade access** for **BA 2060 Statistics for Business**.
5. Enter an access code or buy access with a credit card or PayPal.