Intermediate Business Analysis (BANA 3363.08)
Spring 2018

Instructor: Dr. Younoh Kim
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Office Hours: TTH 3:30 pm– 5:00 pm, or by appointment
Lectures: Section 8: TTH 9:30 am – 10:50 am, Room SHB 133
Prerequisite: BANA 2372 Business Analysis

Course Description

Continuation of BANA 2372. This course is designed to introduce students to the use of statistics as a business tool in the face of incomplete knowledge. Topics include estimation, hypothesis testing, analysis of variance, correlation, simple and multiple linear regression.

Learning Objectives

In this course, the student will learn to:
• Understand the differences and similarities between hypothesis tests and confidence intervals and know when it is appropriate to use them
• Be able to infer about parameter values in a single population using sample data
• Be able to infer about parameter values in multiple populations using sample data
• Understand regression analysis and be able to interpret regression output.
• Be familiar with how inferential statistics is used in business environments.

Textbook

Modern Business Statistics with Microsoft Office Excel 6th edition by Anderson, Sweeney, Williams, Camm, and Cochran (ISBN: 9781285149028)

Evaluation

1) 3 Midterms (25% each; the lowest grade will be dropped) =50%
2) Blackboard Assignments (6 assignments; the 2 lowest grades will be dropped) = 20%
3) Final (comprehensive & mandatory) = 30%

- Final letter grades will be assigned based on the following scale:

    A: 90-100%   B: 80-90%   C:70-80%   D:60-70%   F:0-60%

*** Note that the scores will not be rounded. For instance, if the final grade is 89.99%, you will receive a B, not an A.

Assignments: There will be 6 blackboard assignments throughout the semester and the 2 lowest grades will be dropped. All the assignments will be posted, collected and graded through Blackboard only. You can find the homework in the "assignments" folder on Blackboard. The exact homework starting and due dates will be announced in class (you can also check the tentative schedule of this syllabus) but generally, the assignment will be posted (almost) every Friday morning and due by Wednesday "11:30 pm" of the following week. For each assignment, you will have 3 attempts. You will not be able to submit the homework after the due dates so please make sure you keep up with your work in a timely manner. **No late homework or handwritten homework will be accepted under any circumstances. There will be no make-up homework**. After the due dates, some of the problems on your assignments will be discussed in class to help you prepare for your exams. It is therefore, extremely important for you to do your assignments on time. It is always your responsibility to check Blackboard regularly. https://blackboard.shsu.edu/webapps/login/

Midterms and Final: There will be **no make-up exams without exceptions**. Midterms will be taken only during regular class time and your own section time. For instance, you cannot take exams in section 5, while you are enrolled in section 6. If you miss midterms for any emergencies (accidents, death of family members, surgery, etc.), the grade from your final might be reweighted to account for the missed exam. In this case, solid documentation should be provided. If you miss an exam without a valid excuse you will get a grade of ZERO.

If you miss all three midterms, you will get an F in this course.

The final examination cannot be missed under any circumstances and should be taken during the final examination schedule set by the university. The exams will be closed book but a formula sheet will be provided. **You should bring a no. 2 pencil, scantron (882E), and a calculator for all exams.**

** No student will be allowed to enter the classroom and begin the exam after the first student who finishes leaves the room.

Calculator: You are allowed to bring a calculator for all exams. However, calculators built into cell phones, PDAs, or other electronic devices are not allowed. Calculators cannot be shared during exams.

Re-grading: If you believe that there is a mistake in your grade, you can make a request to re-grade the exam/homework no later than a week after receiving your exam/HW. The entire exam/HW will be re-graded and there's always a chance that your grade might go down.

Curve: It is the instructor's right to decide to curve the grade or not. The curve (if there is one) will depend on the final class average and will only be determined at the end of the semester once all grades are in and I can compute the final average.

Attendance: Attendance will be taken each class. You'll be considered absent from a class session if you are not in attendance when the class starts, if you are not present when the roll is taken or if you leave without permission before the class is dismissed.

Use of Telephones and Text Messagers: The use by students of electronic devices that perform the function of a telephone or text messager during class-time may be prohibited if deemed disruptive by the instructor to the conduct of the class. Arrangements for handling potential emergency situations may be granted at the discretion of the instructor. Failure to comply with the instructor's policy could result in expulsion from the classroom or with multiple offenses, failure of the course. Any use of a telephone or text messager or any device that performs these functions during a test period is prohibited. These devices should not be present during a test or should be stored securely in such a way that they cannot be seen or used by the student. **Even the visible presence of such a device during the test period will result in a zero for that test**. Use of these devices during a test is considered de facto evidence of cheating and could result in a charge of academic dishonesty.

https://www.shsu.edu/dotAsset/6d35c9c9-e3e9-4695-a1a1-11951b88bc63.pdf

Department of Economics and International Business

• Facebook page: https://www.facebook.com/groups/208741956458/

• Webpage: http://www.shsu.edu/academics/economics-and-international-business/

Academic Dishonesty
All students are expected to engage in all academic pursuits in a manner that is above reproach. Students are expected to maintain honesty and integrity in the academic experiences both in and out of the classroom. Any student found guilty of dishonesty in any phase of academic work will be subject to disciplinary action. The University and its official representatives may initiate disciplinary proceedings against a student accused of any form of academic dishonesty including but not limited to, cheating on an examination or other academic work which is to be submitted, plagiarism, collusion and the abuse of resource materials. For a complete listing of the university policy, see: http://www.shsu.edu/dept/dean-of-students/index.html

** This course has a zero tolerance policy for cheating. Any student found cheating will receive an F in the course and be directed to the appropriate University authorities.

Student Absences on Religious Holy Days Policy
Section 51.911(b) of the Texas Education Code requires that an institution of higher education excuse a student from attending classes or other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. Section 51.911 (a) (2) defines a religious holy day as: "a holy day observed by a religion whose places of worship are exempt from property taxation under Section 11.20…." A student whose absence is excused under this subsection may not be penalized for that absence and shall be allowed to take an examination or complete an assignment from which the student is excused within a reasonable time after the absence. University policy 861001 provides the procedures to be followed by the student and instructor. A student desiring to absent himself/herself from a scheduled class in order to observe (a) religious holy day(s) shall present to each instructor involved a written statement concerning the religious holy day(s). The instructor will complete a form notifying the

student of a reasonable timeframe in which the missed assignments and/or examinations are to be completed. For a complete listing of the university policy, see:
 /dept/academic-affairs/documents/aps/students/861001.pdf

Students with Disabilities Policy
It is the policy of Sam Houston State University that individuals otherwise qualified shall not be excluded, solely by reason of their disability, from participation in any academic program of the university. Further, they shall not be denied the benefits of these programs nor shall they be subjected to discrimination. Students with disabilities that might affect their academic performance should register with the Office of Services for Students with Disabilities located in the Lee Drain Annex (telephone 936-294-3512, TDD 936-294-3786, and e-mail disability@shsu.edu). They should then make arrangements with their individual instructors so that appropriate strategies can be considered and helpful procedures can be developed to ensure that participation and achievement opportunities are not impaired. SHSU adheres to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations for students with disabilities. If you have a disability that may affect adversely your work in this class, then I encourage you to register with the SHSU Services for Students with Disabilities and to talk with me about how I can best help you. All disclosures of disabilities will be kept strictly confidential. NOTE: No accommodation can be made until you register with the Services for Students with Disabilities. For a complete listing of the university policy, see:
http://www.shsu.edu/dotAsset/7ff819c3-39f3-491d-b688-db5a330ced92.pdf

Visitors in the Classroom
Only registered students may attend class. Exceptions can be made on a case-by-case basis by the professor. In all cases, visitors must not present a disruption to the class by their attendance. Students wishing to audit a class must apply to do so through the Registrar's Office.

Food and Drink in the Classroom
The Dean has explicitly requested that we enforce the prohibition of food and drink in the classrooms. Please do not bring food or drink into class.

Tentative Schedule

Week	Topic	Chapter	blackboard Assignments
1	Introduction, Review of important concepts from BANA 2372	CH 1 - CH 7	
2	Review of important concepts from BANA 2372	CH 1 - CH 7	
3	Confidence Intervals	CH 8	HW1 (opens 2/2 and due 2/7)
4	Hypothesis Testing	CH 9	HW2 (opens 2/9 and due 2/14)
5	Hypothesis Testing & review	CH 9	
6	**Midterm1 (2/20)**		
	Hypothesis Testing	CH 9	
7	Inference about comparing two populations	CH 10	HW3 (opens 3/2 and due 3/7)
8	Inference about comparing two populations	CH 10	HW4 (opens 3/9 and due 3/19)
9	Spring Break (3/12 - 3/16)		
10	Analysis of Variance & Review	CH 13	
	Midterm 2 (3/22)		
11	Analysis of Variance	CH 13	
12	Simple Linear Analysis	CH 14	HW5 (opens 4/6 and due 4/11)
13	Simple Linear Analysis & Review	CH 14	
14	**Midterm 3 (4/17)**		
	Multiple Linear Regression	CH 15	
15	Multiple Linear Regression	CH 15	HW6 (opens 4/27 and due 5/2)
16	Multiple Linear Regression & Review	CH 15	
17	**Final (5/10) 9:30 – 11:30 am**		

The schedule is subject to change. You are responsible for following up all the announcements made during the lectures.

- All the assignments will be posted, collected and graded through Blackboard only. You can find the homework in the "assignments" folder on Blackboard.
- The assignment will be closed at **"11:30 pm"** on the due dates. So make sure you complete the assignment and click the "submit" button on time. If you do not complete and submit it by then, the assignment will be automatically closed. The blackboard system is set to automatically give you 0 grade for the incomplete/non-submitted assignment.