

SAM HOUSTON STATE UNIVERSITY  
College of Business Administration  
Department of Economics and International Business

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**BAN 363.01 INTERMEDIATE BUSINESS ANALYSIS**

Spring 2008

MW: 8:00 a.m. – 9:20 a.m.

135 Smith-Hutson Building

SYLLABUS

**INSTRUCTOR:** Viera Chmelarova, Ph.D.

**OFFICE:** 241F Smith-Hutson Building

**PHONE:** (936) 294-4791

**E-MAIL:** vchmel1@shsu.edu

**OFFICE HOURS:** MW 10:50 – 12:30pm, 1:50 – 3pm and by appointment

**COURSE WEBPAGE:** Class information will be posted to Blackboard:

<https://blackboard.shsu.edu/webapps/login/>. Please check it regularly. Make also sure that your SHSU email account is not over the quota.

**REQUIRED MATERIALS**

*Statistics: The Art and Science of Learning from Data* (ISBN-10: 0130083690, ISBN-13: 9780130083692) by Agresti and Franklin (1st edition).

The textbook can be also viewed online through CourseCompass at <http://www.coursecompass.com/>. The course ID for this section is *chmelarova63909*.

The online resource contains all of the textbook materials, tutorials, practice exercises and sample tests. When you purchase the textbook as new, access to the website is included but you can also buy it alone.

Every student is required to have a scientific calculator. Calculators built into cell phones and PDA's are unacceptable. Calculators should be brought to every class meeting. Calculators cannot be shared during examinations.

**COURSE DESCRIPTION**

This course is a continuation of BAN 232 and is designed to introduce the use of statistics as a business tool in the face of incomplete knowledge. Topics include: estimation, hypothesis testing, analysis of variance, goodness-of-fit measures, correlation, simple and multiple regression.

**COURSE OBJECTIVE**

The student will have learned:

1. how to apply statistics to improve thinking, problem solving, and decisions.
2. how to analyze and critically evaluate ideas, arguments, and points of view.
3. the fundamental principles, generalizations, and theories of statistics.

**COURSE EVALUATION**

There will be 4 mid-term exams and the final.

Points will be awarded in the following way:

Best three mid-term exam scores <i>(there will be 4 mid-term exams, each exam is worth 100 points)</i>	300pts
Bonus points (for homework, participation and attendance)	25pts
Final Exam (comprehensive)	100pts
Total available points	425 pts

**All students must take the final exam which will be comprehensive.** Since your lowest mid-term exam will not be used in computing your course grade, there will be NO MAKEUP EXAMS – a missed exam will be scored as a zero. NO EXTRA CREDIT is possible under any circumstances.

The exams will be closed book. More complicated formulas will be provided. Each exam may be a combination of multiple choice, short answer questions and numeric problems. For each examination, you will need: a calculator, a scantron and a no. 2 pencil. Exam scores will be posted on Blackboard.

You are expected to work on the textbooks and online problems for each section that is covered. Homework will be assigned, but not always collected.

Letter grades will be assigned as follows:

% of Total Available Points	Letter Grade Assigned
90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
Below 60	F

## ***TENTATIVE COURSE OUTLINE***

<b>Topic</b>	<b>Book Section</b>
Statistical Inference: Confidence Intervals	Ch. 7
Statistical Inference: Significance Tests about Hypotheses	Ch. 8
<b>Exam # 1</b>	
Comparing Two Groups	Ch. 9
Analyzing the Association Between Categorical Variables	Ch. 10
<b>Exam # 2</b>	
Analyzing Association between Quantitative Variables: Regression Analysis	Ch. 11
Multiple Regression	Ch. 12
<b>Exam # 3</b>	
Comparing Groups: Analysis of Variance Methods	Ch. 13
<b>Exam # 4</b>	

*Tentative Exam Dates:*

- Exam # 1 – Feb. 11
- Exam # 2 – Mar. 5
- Exam # 3 – Apr. 7
- Exam # 4 – May 5
- Final Exam - May 12

*Tutoring:* Tutoring (free of charge) will be available in Room 304 SHB every Monday through Thursday, between 2:00 – 4:00 p.m.

### ***CONDUCT***

You are expected to be fully acquainted and comply with all published policies, rules, and regulations of SHSU.

*Academic Dishonesty:* Students are expected to conduct their academic work with integrity and honesty. Acts of dishonesty will not be tolerated and can result in the failure of a course and dismissal from the University. Academic dishonesty includes, but is not limited to, cheating on a test, plagiarism, collusion – the unauthorized collaboration with another person in preparing work offered for credit, the abuse of resource materials, and misrepresentation of credentials or accomplishments. The University policy on academic honesty and appeal procedures can be found in the manual entitled Student Guidelines, distributed by the Division of Student Services (Reference Section 5.3 of the SHSU Student Guidelines).

On examination days, no student will be allowed to begin an exam after the first student to finish that exam has left. No hats may be worn on exam days. While active participation is strongly encouraged, you are expected not to talk during lecturing. Cell phones must be turned off before entering the classroom. Eating and drinking in the classroom are not allowed.

### ***ATTENDANCE***

You are expected to attend each class, to arrive on time and to leave only after the class is dismissed. Attendance will be recorded. Only students who have registered for the class are allowed in the classroom.

Students who are members of the university athletic teams should submit their respective game schedules properly signed by the officials in the athletics department at the beginning of the semester.

*Religious Holy Day Policy:* Section 51.911 (b) of the Texas Education Code requires that an institution of higher education excuses a student from attending classes or other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. 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 scheduled for that day within one (1) week of returning to class. The student desiring to absent himself/herself in order to observe a religious holy day must notify the instructor of his/her intent no later than the twelfth class day. Request forms are available in the Department of Economics and International Business office in SHB 232.

### ***DISABLED STUDENT POLICY***

It is the policy of SHSU that no otherwise qualified disabled individual shall, solely by reason of his/her disability, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any academic, Student Life program, or activity. Disabled students may request academic assistance/accommodation when needed from a Committee for Continuing Academic Assistance for Disabled Students by visiting the Director of the Counseling Center in the Lee Drain Building Annex, or by calling ext. 1720. Note that no accommodation can be made until a student registers with the Counseling Center.

## ***IMPORTANT DATES***

January 16 WEDNESDAY	Classes begin
January 21 MONDAY	University holiday
January 24 THURSDAY	Last day to register and to process schedule changes
February 1 FRIDAY	Last day to drop without a “Q” and receive 100% refund. Degree Applications to be filed in Registrar's Office by students graduating May 2008.
February 11 (tentatively) MONDAY	Exam #1
March 5 (tentatively) WEDNESDAY	Exam #2
March 7 FRIDAY	Degree applications to be filed in Registrar's Office by students graduating in August, 2008.
March 10,11,12,13,14 MONDAY through FRIDAY	Spring break
March 21 FRIDAY	Good Friday holiday
April 7 (tentatively) MONDAY	Exam #3
May 5 (tentatively) MONDAY	Exam #4
May 8 THURSDAY	Last Class Day. Last day to resign. Last day to drop a course without the grade of F.
May 12, 8:00 a.m.- 10:00 a.m. MONDAY	Final exam