

Sam Houston State University
College of Business Administration
Department of Economics and International Business
Course Syllabus – Summer I 2007

Course Number: BAN 363

Tues/Thurs 6:00 - 9:50 P.M.

Course Title: Intermediate Business Analysis

Prerequisite: BAN 232

Professor: Natalie Hegwood, Ph.D.

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Office Hours: Monday – Friday 9:00 – 10:00 (main campus – Huntsville)

Note: I will not be in my office before class on Monday June 9. On that day, official office hours will be after class from 12:00 – 1:00.

Other times available upon request.

Required Texts:

Statistics: The Art and Science of Learning from Data By Agresti and Franklin. You do not need the shrink-wrapped package that includes a calculus book. We are still using the first edition even though a second edition has recently come out.

Course Description:

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

Course Structure:

The lectures will emphasize concepts, motivation, interpretation, and present vocabulary. Statistical formulas will be given and discussed on a heuristic basis. Mathematical derivations of the formulas will not be presented.

Course Objectives:

After completing this course, the student will have learned to :

- Apply a variety of statistical techniques to analyze data.
- Understand how the most commonly reported statistics are calculated and how to interpret them.

Grades:

There will be four exams (equally weighted), each covering one fourth of the course material. No make-up exams will be given, however if a student misses an exam, he or she may take a comprehensive final exam in lieu of the fourth non-comprehensive exam. That comprehensive exam would count twice – once for the missed exam and once for the fourth exam. Any student may choose to take the comprehensive exam if they wish to drop a low exam grade, but they must notify me in advance if they plan to choose that option. If a student chooses to take the comprehensive exam, it will definitely count at least once even if it is the lowest exam score.

Exams:

Generally 15% of each exam grade will come from conceptual questions. The other 85% will come from application problems. The application problems require the use of statistical techniques learned in the course. The techniques themselves are multipart processes, each part may count as a separate question. Most exam questions will be in multiple choice format. Most complicated formulas will be provided.

Quizzes:

It is not uncommon for me to offer bonus points on exams in the form of extra credit quizzes. These are not guaranteed and may or may not be announced in a prior class meeting. There are no make-ups on bonus quizzes.

Letter Grade:

The letter grade will be based on the standard scale. Additional curving of grades is very unlikely due to the bonus points that are generally available throughout the semester.

90 - 100	A
80 - 89	B
70 - 79	C
60 - 69	D
below 60	F

Homework:

This course relies heavily on in-class and out of class assignments for learning the material. Homework will generally not be turned in and graded so it is the student's responsibility to complete it in a timely manner.

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. 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). This request must be made in the first fifteen days of the semester or the first seven days of a summer session in which the absence(s) will occur. 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.

DISABLED STUDENT POLICY

It is the policy of Sam Houston State University that no otherwise qualified disabled individual shall, solely by reason of his/her handicap, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any academic or Student Life program or activity. Disabled students may request help with academically related problems stemming from individual disabilities from their instructors, school/department chair, or by contacting the Chair of the Committee for Continuing Assistance for Disabled Students and Director of the Counseling Center, Lee Drain Annex, or by calling (936) 294-1720.

Americans with Disabilities Act

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 Counseling Center 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 Counseling Center.

Attendance Policy:

Role will be taken each class. Regular attendance is required in order to succeed in this class. Exams will primarily cover material emphasized in class, some of which may not be contained in the textbook.

Other Classroom Policies:

All cell phones and pagers must be turned off during class.

No hats may be worn on exam days.

No student may begin an exam after the first student in the class has left.

Important Dates:

Last day to drop a class with 100% refund June 6

Last day to drop a class without receiving an F June 30

Exam dates:

Exam 1	June 10	covering topic 1
Exam 2	June 17	covering topics 2
Exam 3	June 24	covering topic 3
Exam 4 or Final exam	July 1	covering topic 4 or comprehensive

Tentative Course Outline:

Introduction and review from BAN 232

1. Point Estimation / Confidence Intervals
 - a. Mean or proportion from 1 sample (ch 7)
 - b. Means or proportions from 2 samples (ch 9)
2. Hypothesis testing
 - a. Mean or proportion from 1 sample (ch 8)
 - b. Means or proportions from 2 samples (ch 9)
3. Chi-Square Tests & Analysis of Variance (ch 10, 13)
4. Simple Linear and Multiple Regression Analysis (ch 11,12)