SUL ROSS STATE UNIVERSITY
Department of Business Administration

QUANTITATIVE SYSTEMS IN BUSINESS
(BUSINESS STATISTICS)
Fall Semester, 2014

GBA 3352-001, (13915) 3 credits
BAB 317, T & TH, 11:00 am-12:15

Instructor:	Ellie Meyer
E-mail	elenaadam@yahoo.com
Conference Times:	T, TH, & F: 1:30 - 3:00 or by appointment, BAB 314

TEXTBOOK

Understanding Basic Statistics, 3rd Edition, Brase & Brase, Houghton/Mifflin

PROGRAM LEARNING OBJECTIVES

PLO 1: Analyze and solve business problems across major business functions, using fundamental business principles and strategies
PLO2: Communicate business information through written, oral and other delivery processes
PLO3: Identify and discuss the impact of ethical and social responsibility issues in business
PLO4: Identify and describe the major components of the external business environment

COURSE OBJECTIVES

The objectives of this course are:

- To establish understanding of the basic concepts underlying statistical data collection, presentation, analysis, basic probability theory, estimation techniques, hypothesis testing;
- To prepare students to encounter more advanced statistics in courses for which GBA 3352 is either recommended or is a prerequisite.

COURSE POLICIES

The emphasis of this course is on student learning and understanding. Students are expected to come to class prepared. Regular class attendance is required; class roll will be taken each class period. Students are responsible for abiding by all published University rules and regulations, including attendance. The SRSU Student Handbook and other official University publications outline specific regulations and requirements.

SRSU supports equal educational opportunities for all persons. Qualified students with disabilities needing academic or other accommodations should contact the Disability Services Coordinator. Please make an appointment with the Coordinator and the professor to discuss individual needs and arrange for appropriate and reasonable accommodations.

If you will be missing classes on a regular basis for school sanctioned activities, please contact the instructor in advance so that arrangements can be made to make up missed material.

EVALUATION

4 Quiz/Exams @ 10% each	40%
Final Exam	20%
Final Written Project	20%
Final Class Presentation	20%

GRADING SCALE

90-100%	A (Excellent)
80-89%	B (Good)
70-79%	C (Average)
60-69%	D (Poor)
59%-lower	F (Failure)

GBA 3352:1 QUANTITATIVE SYSTEMS IN BUSINESS (BUSINESS STATISTICS)
CALENDAR
Fall 2014

Ms. Ellie Meyer
BAB 317, T & TH, 11:00 am – 12:15
E-Mail: elenaadam@yahoo.com

Understanding Basic Statistics, 3rd Edition (Brase & Brase) (Required)
HB10bII+ Financial Calculator (Strongly Suggested)

COURSE SCHEDULE (Subject to Change at Discretion of the Instructor)

Week 1	Introduction to Course; Chapter 1 [#1, 5, 7, 8; 1.2 #1, 9; 1.3 #1, 3, vocabulary pg. 28 and 29]
Week 2	Chapter 2 - Organizing Data [2.1 #9, 11; 2.2, #1, 7 (a and b); 2.3 #1 (a and b), vocabulary pg. 69-70]
Week 3	Chapter 3 – Averages and Variation [3.1 #1, 3, 7] **Quiz/Exam 1 Thursday**
Week 4	Chapter 3 continued and Chapter 4 – Regression and Correlation [3.2 #1, 11; 3.3 #1, vocabulary pg. 116]
Week 5	Chapter 4 continued [4.1 #1 through 7, Guided Exercise pg. 138-9, 4.2 all of #1; 4.3 #1, 5, 11, vocabulary pg. 158, #3 page 159]
Week 6	**Quiz/Exam 2 Tuesday;** Chapter 5 – Elementary Probability Theory
Week 7	Chapter 5 continued; Chapter 6 – Binomial Probability Distribution [5.1 #7; 5.2 #1 Table 5.2 page 185; Guided Exercise pg. 186-7; Summary of Probability rules pg. 187; Guided Exercises pg. 194-5, 197-8, 199, 200, 201, 203; 5.3 #1, 5, 7, vocabulary pg. 206, problem #9 pg. 208]
Week 8	Chapter 6 continued [Summary pg. 245-6, vocabulary pg. 246, problems #1, 3 pg. 247] **Quiz/Exam 3 Thursday**

Week 9	Chapter 7 – Normal Distributions [Empirical Rule pg. 260; Guided Exercise pg. 261, 7.1, #1-5; Guided Exercise pg. 275, Figures 7-19 and 7-20 pg. 277, Guided Exercise pg. 283; 7.2 #1 pg. 284, odd numbers #9-27, pg. 286, Guided Exercise pg. 288-9; 7.3 #1, 11, Summary pg. 305-6, Vocabulary sections 7.1-7.3]
Week 10	Chapter 8 – Introduction to Sampling Distributions Sections 8.1 & 8.2 [Selected exercises in class; responsible for all material covered in class]
Week 11	Chapter 9 – Estimation, Sections 9.1 & 9.2 [Selected exercises in class; responsible for all material covered in class]
Week 12	Chapter 10 – Hypothesis Testing, Sections 10.1-10.4 [Selected exercises in class; responsible for all material covered in class]
Week 13	**Quiz/Exam 4 Tuesday**; ***PAPERS DUE THURSDAY,*** Presentations
Week 14	Presentations
Week 15	Presentations and **Final Exam (cumulative and based on previous exams, assignments, selected class exercises, class notes)** **Final Exam Date will be determined by University Exam Schedule**

NOTE: This calendar is subject to revision at the discretion of the instructor.