Economics 3406 – 03  
Spring 2013  
Statistics for Business II  
(Syllabus available online)  
January 8–February 26, 2013

Instructor: Dr. Swarna (Bashu) Dutt  
Professor of Economics  
e-mail: bdutt@westga.edu  
Office: RCOB Building, Rm. # 1314  
Class Time: T, Th: 11.00 – 12.20 AM  
Location: Business 1309  
Office Hours: Office Hours: Tuesday, Thursday: 8.00 – 9.30 AM and 10.50 – 11.00 AM. Also Tuesdays 6.00 - 7.00 pm. I am on email regularly.

Textbook: Quantitative Methods for Business:  
by Anderson, Sweeney and Williams 12th ed. You can use the older edition of the book (10th ed.) Prerequisites: Math 1413, CISM 2201 and Econ 3402. These prerequisites are strictly enforced.

Class Structure: The basic objective is to develop a clear understanding of the standard quantitative tools applied in business today. The initial thrust will be on theoretical analysis of the statistical concepts and their application. Numerical solving by "hand" i.e. manual solution techniques will be rigorously enforced in class as well as exams. We will do an “EXCEL” project in class and you will be assessed on it as a homework exercise (20 points)

COURSE LEARNING OBJECTIVES:
(1) Recognize the role that quantitative models play in the decision making process (LG2)  
(2) Be able to transform a rather general problem into a well-defined problem that can be solved quantitatively (LG2)  
(3) Be able to apply basic quantitative models to business situations (LG2, LG3, LG6)  
(4) Demonstrate the ability to collect and input data into basic quantitative models (LG2, LG3, LG10)  
(5) Be able to solve models "by hand" and with specialized computer software, spreadsheets and graphical packages (LG2, LG3, LG10)  
(6) Describe specific quantitative models including decision analysis, linear programming, and others applicable to business decision making (LG2, LG3)

Note: A complete list of expected learning goals (LG) for the Economics Department can be found at the department website http://www.westga.edu/econ/index_12904.php

Course outline:
Chapter 7  
Chapter 8  
Chapter 9 (Project: Feb. 14 and 19, 2013): 20 points

Exams:  
Exam. 1: Jan. 24, 2013: 80 points  
Exam. 2: Feb. 21, 2013: 100 points

NOTE: I reserve the right to make alterations in the syllabus as and when I deem necessary. You will be notified of these changes in advance. Please switch off all cell phones before entering my class. No food or beverages allowed in class. I will strictly adhere to the university policies on discipline and plagiarism.
Economics 3406 – 03 Spring 2013
Statistics for Business II
March 5 – April 23, 2013

Instructor: Dr. Leland Gustafson, Professor of Economics
E - Mail: LVG55@yahoo.com
Office: RCOB Building, Rm: 1217
Class Time: TR: 11:00 am – 12:20 pm.
Location: RCOB Building, Rm: 1309
Office Hours: Tuesday, Thursday: 8:00am – 9:30 am & 12:20 – 3:00 pm.
Phone: Office: 678-839-4776 - I am on email every day.

Prerequisites: Math 1413, CISM 2201 and Econ 3402. These prerequisites are strictly enforced.

Class Structure: The basic objective is to develop a clear understanding of the standard quantitative tools applied in business today. The initial thrust will be on theoretical analysis of the statistical concepts and their application. Numerical solving by "hand" i.e. manual solution techniques will be rigorously enforced in class as well as exams.

Expected Learning Objectives:
Upon completion of this course, students are expected to have a basic understanding of:
- Recognize the role that quantitative models play in the decision making process (LG2)
- Be able to transform a rather general problem into a well-defined problem that can be solved quantitatively (LG2)
- Be able to apply basic quantitative models to business situations (LG2, LG3, LG6)
- Demonstrate the ability to collect and input data into basic quantitative models (LG2, LG3, LG10)
- Be able to solve models "by hand" and with specialized computer software, spreadsheets and graphical packages (LG2, LG3, LG10)
- Describe specific quantitative models including decision analysis, linear programming, and others applicable to business decision making (LG2, LG3)

Note: A complete list of expected learning goals (LG) for the Economics Department can be found at the department website http://www.westga.edu/econ/index_12904.php

Course outline:
Chapter 4 (Section 1-4) Sec 4 students will cover on their own
Chapter 15 (Sections 1-5) Queuing Lq-Table - QUEUING CHART
Chapter 6 (Sections 1-4) Practice Homework: Solution for all Text Problems: See ‘COURSE DEN’
Chp. 4: 1, 2, 3, 4, 5, 7, [8, 9], 14, Practice Quiz
Chp. 15: 3, 4, 7, 11, 12, 16, 17, 22, 23, Class Problems
Chp. 6: 1, 2, 3, 4, 6, 17, 19, 20, 22, Book Example, Practice 1, Practice 2

Exams – students my use one sheet of notes (front & back) for each exam
Exam. 1: Chapter 4 – Thursday, March 14, 2013
Exam. 2: Chapter 15 – Tuesday, April 9, 2013
Exam. 3: Chapter 6 – Tuesday, April 23, 2013 - 8:00 AM

The 3 exams will count for a total of 50% of your final grade. Test 1 will count 13% and the HIGHER of Tests 2 & 3 will count 21% and the lower will count 16%

Course Grading Scale: 90+ = A  80-89.9 = B  70-79.9 = C  60-69.9 = C  below 60 = F