Economics 3406 – 03  
Fall 2013  
Statistics for Business II  
(Syllabus available online)  
INSTRUCTOR: Dr. Swarna (Bashu) Dutt  

e-mail: bdutt@westga.edu  
Office: RCOB Building, Rm. # 1314  
Class Time : T, Th: 12.30 –1.50 PM  
Location : Business 1309  
Office Hours: Office Hours: Tuesday, Thursday: 8.00-9.30 am, 10.50-12.30 pm or by appointment (Phone: Office: 678-839-4775)  

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 (25 points)  

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)  
• Demonstrate the ability to collect and input data into basic quantitative models (LG2, LG3)  
• Be able to solve models "by hand" and with specialized computer software, spreadsheets and graphical packages (LG2, LG3)  
• Describe specific quantitative models including decision analysis, linear programming, and others applicable to business decision making (LG2)  

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/lg_assessments.htm  

ACADEMIC POLICIES: Please carefully review the information in the link below concerning the American with Disabilities Act, UWG Email Policy, UWG Credit Hour Policy and the UWG Honor Code.  
http://www.westga.edu/assetsDept/vpaa/Common_Language_for_Course_Syllabi.pdf  

During the semester, students in this course will generally spend 150 minutes per week of direct faculty instruction in the classroom. As a guide, students should expect to spend about 300 minutes per week outside the classroom on various assignments, reading the textbook, and in studying the course material.  

Course Outline:  
Chapter 7  
Chapter 8  
Project: 25 points (Oct. 1 and 3, 2013)  

Exams:  
Exam. 1: Sept. 12, 2013: 75 points  
Exam. 2: Oct. 8, 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
Instructor: Dr. Leland Gustafson, Professor of Economics

E-Mail: LVG55@yahoo.com Office: RCOB Building, Rm: 1216
Class Time: TR: 12:00 am – 1:20 pm. Location: RCOB Building, Rm: 1309
Office Hours: Tuesday, Thursday: 8:00am – 11:30 am
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

ACADEMIC POLICIES: Please carefully review the information in the link below concerning the American with Disabilities Act, UWG Email Policy, UWG Credit Hour Policy and the UWG Honor Code. http://www.westga.edu/assetsDept/vpaa/Common_Language_for_Course_Syllabi.pdf

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 may use one sheet of notes (front & back) for each exam
Exam. 1: Chapter 4 – Tuesday, October 29, 2013
Exam. 2: Chapter 15 – Thursday, November 14, 2013
Exam. 3: Chapter 6 – Thursday December 12, 2013 - 11:00 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