

Economics 3406 – 02
Spring 2015
Statistics for Business II
(Syllabus available online)
Feb. 26 – April. 16, 2015

INSTRUCTOR: Dr. Swarna (Bashu) Dutt

e - mail: bdutt@westga.edu

Office: RCOB Building, Rm. # 1314

Class Time: T, Th: 3.30 – 4.50 PM

Location: 1309 Miller Hall

Office Hours: Feb. 26, 2015 – April 16, 2015: Monday 7.00 – 12.00 pm, Tuesday 11.30 – 12.30 pm, 6.00 – 7.00 pm and Thursday 11.30 – 12.30

Textbook: Quantitative Methods for Business by Anderson and Sweeney 12thed.

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/assets/Dept/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 (April 9 and 14, 2015)

Exams:

Exam. 1: March 12, 2015: 75 points

Final Exam.: April 23, 2015: 100 points (2.00 – 4.30 pm)

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. I will put your final grades on Banweb by April 23, 2015, by 6.00 pm.