Instructor: **Dr. Swarna (Bashu) Dutt**
Professor of Economics
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Office: RCOB Building, Rm #: 47

Class Time: M, W: 3.30 – 4.45 pm
Location: Business 1308
Office Hours: Office Hours: Monday, Wednesday: 8.30-11.00 am, 12.15-2.00 pm and 3.15-3.30 pm or by appointment (Phone: Office: 678-839-4775)

Textbook: Quantitative Methods for Business: by Anderson, Sweene, Williams et al. 10th or 11th ed. I will use the 11th ed. in class.

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)
- 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](http://www.westga.edu/~econ/lg_assessments.htm)

Course outline:
Chapter 7
Chapter 8
Chapter 10
Chapter 2
Chapter 3
Chapter 9 (Project / 1st week of April)
Chapter 4
Chapter 6
Exams: All are comprehensive.

Exam 1: Feb. 2, 2011: 55 points
Exam 2: Feb. 28, 2011: 55 points
Exam 3: March 30, 2011: 55 points
Project: April 25, 2011: 35 points
Final Exam.: April 29, 2011: 100 points (2.00 – 4.00 PM)

ASSESSMENT:

You will be graded out of a total of 300 points. The exams will be held during class time on the date(s) mentioned. The final is 2 hours and is also comprehensive.

There are ABSOLUTELY no makeup exams or quizzes. There are no alternative ways to earn credits (class project / term papers etc.) Concentrate on the exams. You can call on me during the office hours and / or anytime by making an appointment.

Assessment Policy:

90 - 100 %: A: 270 - 300
80 - 89.9 %: B: 240 - 269
70 - 79.9 %: C: 210 - 239
60 - 69.9 %: D: 180 - 209
Below 60 %: F: 179 and below

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 post your final grades on Banweb, April 29, 2011, by 9.00 PM.