

Economics 3406
Statistics for Business II
SUMMER 2015
MTWRF: 12:30 – 02:45
Miller Hall 2327

Dr. Adrian Austin
1315 Miller Hall
Phone: (678) 839-4773
E-mail: Please use the CourseDen mail tool
Office Hours: MTWRF 10:00 – 12:00
Course Website: on CourseDen

Course Description:

This course investigates the applications of statistics in business. Topics include methods of presenting data, numerical measures and correlation, probability theory and probability distributions, linear regression and forecasting.

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 linear regression and others applicable to business decision making (LG2)

Note: A complete list of expected learning goals (LG) for the Richards College of Business can be found at

http://www.westga.edu/business/undergrad_learning_goals.php

Text:

Statistical Techniques in Business and Economics
By Lind, Marchal, and Wathen, 16th Edition

Structure:

Review of Probability	Chapters 5 – 7
Review of Statistics	Chapter 8
Hypothesis Testing & Confidence Intervals	Chapters 9 – 11

Analysis of Variance	Chapter 12
Bivariate Linear Regression	Chapter 13
Multivariate Linear Regression	Chapter 14
Forecasting	Chapter 18
Other Topics (time permitting)	

Grading:

- There are three midterms and a final exam. Each midterm is worth 20%. The lowest score on the midterms will be dropped. The final exam is worth 30% and is cumulative.
- The other 30% of your grade will come from assignments given as homework, quizzes, or in-class work. I will drop the two lowest scores on the assignments.

Monday, June 08, 2015	EXAM 01
Monday, June 15, 2015	EXAM 02
Monday, June 22, 2015	EXAM 03
Thursday, June 25, 2015	FINAL

Attendance:

Attendance is strongly recommended. (If you do not come to class on the first day, you may be dropped from the roll).

To get the most out of this class:

- Pre and post read all assigned readings.
- Spend at least one hour per class hour studying the material.
- Come to class and ask questions. If you are having difficulty with the material, come to my office hours. PLEASE DON'T WAIT UNTIL YOU ARE COMPLETELY LOST.
- Study Hard
- Play Hard
- Get 7-8 hours of sleep per night

Some Basic Rules:

CELL PHONES ARE TO BE MUTED OFF DURING CLASS SESSIONS.
FOOD AND DRINK ARE NOT ALLOWED IN ANY OF THE CLASSROOMS.

Common Language for Course Syllabi

Updated June 21, 2013:

Students should review the following information each semester, because these statements are updated as federal, state, university, and accreditation standards change. A current version can always be found at

http://www.westga.edu/assetsDept/vpaa/Common_Language_for_Course_Syllabi.pdf

Americans with Disabilities Act

Students with a documented disability may work with UWG Accessibility Services to receive essential services specific to their disability. All entitlements to accommodations are based on documentation and USG Board of Regents standards. If a student needs course adaptations or accommodations because of a disability or chronic illness, or if he/she needs to make special arrangements in case the building must be evacuated, the student should notify his/her instructor in writing and provide a copy of his/her Student Accommodations Report (SAR), which is available only from Accessibility Services. *Faculty cannot offer accommodations without timely receipt of the SAR; further, no retroactive accommodations will be given.*

UWG Email Policy

University of West Georgia students are provided a MyUWG e-mail account. The University considers this account to be an official means of communication between the University and the student. The purpose of the official use of the student e-mail account is to provide an effective means of communicating important university related information to UWG students in a timely manner. It is the student's responsibility to check his or her e-mail.

Credit Hour Policy

The University of West Georgia grants one semester hour of credit for work equivalent to a minimum of one hour (50 minutes) of in-class or other direct faculty instruction AND two hours of student work outside of class per week for approximately fifteen weeks. For each course, the course syllabus will document the amount of in-class (or other direct faculty instruction) and out-of-class work required to earn the credit hour(s) assigned to the course. Out-of-class work will include all forms of credit-bearing activity, including but not limited to assignments, readings, observations, and musical practice. Where available, the university grants academic credit for students who verify via competency-based testing, that they have accomplished the learning outcomes associated with a course that would normally meet the requirements outlined above (e.g. AP credit, CLEP, and departmental exams).

University of West Georgia Honor Code

At the University of West Georgia, we believe that academic and personal integrity are based upon honesty, trust, fairness, respect, and responsibility.

Students at West Georgia assume responsibility for upholding the honor code. West Georgia students pledge to refrain from engaging in acts that do not maintain academic and personal integrity. These include, but are not limited to, plagiarism, cheating, fabrication, aid of academic dishonesty, lying, bribery or threats, and stealing.

The University of West Georgia maintains and monitors a confidential Academic Dishonesty Tracking System. This database collects and reports patterns of repeated student violations across all the Colleges, the Ingram Library, and the School of Nursing. Each incidence of academic dishonesty is subject to review and consideration by the instructor, and is subject to a range of academic penalties including, but not limited to, failing the assignment and/or failing the course. Student conduct sanctions range from verbal warning to suspension or expulsion depending on the magnitude of the offense and/or number of offenses. The incident becomes part of the student's conduct record at UWG.

Additionally the student is responsible for safeguarding his/her computer account. The student's account and network connection are for his/her individual use. A computer account is to be used only by the person to whom it has been issued. The student is responsible for all actions originating through his/her account or network connection. Students must not impersonate others or misrepresent or conceal their identities in electronic messages and actions.