COURSE AND CONTACT INFORMATION
Course: STAT 2112 (Business & Econ Statistics 2) Section 12
Semester: Spring 2015
Time: Tuesday & Thursday 12:45-2:00 PM
Location: Monroe Hall 113

INSTRUCTOR
Name: Dr. Yaji Xu
Campus Address: Rome 676 (801 22nd St NW)
E-mail: yajixu@gwu.edu
Office hours: Tuesday & Thursday 2:30-3:30 PM
TA: TBA

COURSE OBJECTIVE
The objective of Stat 2112 is to build upon basic statistical concepts covered in previous courses, such as Stat 2111 or Stat 1051, emphasize on techniques of regression, sampling designs, nonparametric statistics, time series, and other topics used in economics and business, and prepare you for statistical thinking and data analysis in business and economics. The course will thus combine statistical theory with data analysis using statistical software.

COURSE PREREQUISITE(S)
Stat 1111, or Stat 1051, or Stat 1053, or equivalent.

COURSE OUTLINE
- One-way Analysis of Variance
- Simple Linear Regression
- Multiple Linear Regression
- Time Series Analysis and Forecasting
- Nonparametric statistics: Distribution-Free tests
- Categorical Data Analysis

TEXTS
The required text for the course is Statistics for Business and Economics, 12th Edition by McClave, Benson and Sincich.

BLACKBOARD REGISTRATION
All students are required to register for the course in Blackboard, the GWU web-based instructional resource. Course information and materials, including notes, grades, and details about course assignments and quizzes will be posted there periodically. It is the student’s responsibility to check the Stat 2112 Blackboard website frequently for up-to-date information about assignments. Once enrolled in the course, you should automatically be registered on Blackboard. Log into the course website at: https://blackboard.gwu.edu/webapps/portal/frameset.jsp
GRADING
- Assignments: 10%
- Quizzes: 30%
- Exams: 60% (= 3*20%)

CLASS POLICIES
- **Homework**: Homework assignments will be given almost every week. Your homework will be collected one week later. The lowest score will be dropped.
- **Quizzes**: There will be 20 min bi-weekly quizzes (approximately). Each quiz will cover material discussed in class after the last quiz. The nature of the course being such that all concepts are built on previous results, overall knowledge of all the material covered so far may be required. The lowest one or the one you missed will be dropped.
- **Exams**: Three open-book in-class examinations will be given (Exam I: Feb. 10; Exam II: Mar. 19 (tentatively); Final Exam: TBA)

SOFTWARE
SAS (available in all the computer labs at GWU)

NOTES
- **No Make-up Exams**, except in rare instances (e.g. well-documented medical problems). In order to qualify to take a make-up examination, you must contact me prior to the exam and have a University approved excuse with documentation to verify that excuse. If the absence is not excused according to University guidelines, the examination grade will be recorded as a zero. **There will be no exceptions.**
- Students must notify me during the first week of the semester of planned absences for religious observances. Please consult the Religious Holiday Calendar under Files in Blackboard for a list of recognized religious holidays by GW.
- No incomplete grades will be assigned for marginal or failing grades at the end of the semester. There will be no extra credit work available to improve your final grade besides what is already outlined in the syllabus. Your grade will be determined as outlined above. **There will be no exceptions.**
- It is important that you attend classes. You are responsible for any material covered or any announcements made in class. You **MUST** keep your cell phone ringer off during classes.

ACADEMIC INTEGRITY
All examinations, papers, and other graded work products and assignments are to be completed in conformance with The George Washington University Code of Academic Integrity. “Academic dishonesty is defined as cheating of any kind, including misrepresenting one's own work, taking credit for the work of others without crediting them and without appropriate authorization, and the fabrication of information.” For the remainder of the code, see: [http://www.gwu.edu/~ntegrity/code.html](http://www.gwu.edu/~ntegrity/code.html)
SUPPORT FOR STUDENTS OUTSIDE THE CLASSROOM
DISABILITY SUPPORT SERVICES (DSS)
Any student who may need an accommodation based on the potential impact of a disability should contact the Disability Support Services office at 202-994-8250 in the Marvin Center, Suite 242, to establish eligibility and to coordinate reasonable accommodations. For additional information please refer to: http://gwired.gwu.edu/dss/

UNIVERSITY COUNSELING CENTER (UCC) 202-994-5300
The University Counseling Center (UCC) offers 24/7 assistance and referral to address students' personal, social, career, and study skills problems. Services for students include: 1. crisis and emergency mental health consultations; 2. confidential assessment, counseling services (individual and small group), and referrals
http://gwired.gwu.edu/counsel/CounselingServices/AcademicSupportServices

SECURITY
In the case of an emergency, if at all possible, the class should shelter in place. If the building that the class is in is affected, follow the evacuation procedures for the building. After evacuation, seek shelter at a predetermined rendezvous location.