COURSE AND CONTACT INFORMATION
Course: STAT 2112 (Business & Econ Statistics) Section 11
Semester: SPRING 2012
Time: MONDAY, WEDNESDAY 6:10-7:25 PM
Location: Rome Hall – ROME, 204

INSTRUCTOR
Name: Dr. Tatiyana V. Apanasovich
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Office hours: MONDAY: 4:00-5:30 PM. in 2140 Penn, Room 305
Grader: Jingzhu Kong

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 OUTLINE
1. One-way Analysis of Variance
2. Simple Linear Regression
3. Multiple Linear Regression
4. Time Series Analysis and Forecasting
5. Nonparametric statistics: Distribution-Free tests
6. Contingency Tables

COURSE PREREQUISITE(S)
Stat 2111, or Stat 1051, or Stat 1053, or equivalent.

TEXTS
The required text for the course is *The Practice of Statistics for Business and Economics*, 3rd Edition by Moore, McCabe, Alwan, Craig and Duckworth.

GRADING
- homeworks, all 10%
- quizzes, all 30%
- in class exams, three 20% each= all 60%
CLASS POLICIES

**Homework** will be assigned on Monday almost every other week. Your homework will be collected on Wednesday the 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.

**In class exams:** Three open–book in-class examinations will be given on Feb, 20; March,25 and May, 1. Make-up midterm will be given only in exceptional circumstances (e.g. well-documented medical problems).

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/](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](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.