Syllabus  
STAT 2112-10, Spring 2011  
Business & Economic Statistics II  

<table>
<thead>
<tr>
<th>Class Schedule:</th>
<th>TR, 11:10-12:25 pm.</th>
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<tbody>
<tr>
<td>Location:</td>
<td>Funger Hall, Rm 207</td>
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<tr>
<td>Instructor:</td>
<td>Professor Rida E. Moustafa (Shalash)</td>
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<tr>
<td>Campus Address:</td>
<td>2140 Pennsylvania Ave., Rm B06</td>
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<tr>
<td>Phone:</td>
<td>(202) 994-6217</td>
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<tr>
<td>E-mail:</td>
<td><a href="mailto:shalash@gwu.edu">shalash@gwu.edu</a></td>
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<tr>
<td>Office hours:</td>
<td>MW, 1:00-2:00 pm. Other times are available by appointment.</td>
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**Textbook:** *Statistics for Business and Economics, 10*th ed., by McClave, Benson and Sincich (Prentice Hall), ISBN# 0135138361  
**Pre-Request:** Stat 1051, 1053, or 1111  

**Course Description**  
This is a survey course on statistical methods. We will discuss the science of statistics to the extent of its practical applications in understanding available data (information). We will cover statistical techniques such as analysis of variance, regression analysis, and categorical data analysis related to the topics in collecting meaningful information as well as interpreting and predicting the summary outcomes. Nonparametric statistics will be introduced.  

**Learning Outcomes** As a result of completing this course, students will be able to:  
1. Analyze data to test more than two means using analysis of variance technique.  
2. Construct one-way table and two-way table to analyze categorical data.  
3. Determine/interpret regression model.  
4. Perform statistical procedures such as ANOVA and Regression model using statistical software SAS/SPSS (A copy of the SAS program can be obtained at Gelman library)  

**Grading Homework:**  
There will be weekly homework assignments. Each homework-set is due on Wednesday class. Standard solutions will be posted on blackboard after the due date and late homework will **NOT** be accepted (The two lowest HW scores will be dropped). It is extremely important for you to understand the assigned problems to complete the course successfully.  

**Exams:**  
There will be three in class exams (TBA by instructor) and one final exam. The date for the final exam will be determined by GWU. There will be **NO** makeup for exams for any reason. In case of missing an exam due to medical illness, the student should talk to the instructor within 24 hours. The score for a missing exam may be extrapolated if absence is approved (a note from the doctor must be provided).  

**Final Grading:**  
Homework (10%); Two in class exams (2x25%=50%); Final exam (40%).  

**Religious Holidays**  
Students are allowed to take religious holidays off.
Incomplete
A grade of INCOMPLETE will ONLY be given to a student who is passing the course and cannot complete the course due to well-documented circumstances beyond their control. University policies on teaching are available at http://www.gwu.edu/~academic/Teaching/main.htm

Academic Integrity
The GW Code of Academic Integrity will be strictly followed. It states, “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

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:

- crisis and emergency mental health consultations
- confidential assessment, counseling services (individual and small group), and referrals

http://gwired.gwu.edu/counsel/CounselingServices/AcademicSupportServices

Sexurity
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.