Course: STAT 1053-10
Semester: Fall 2016
Time: Tuesday, Thursday 3:45-5:00 pm
Location: 1957 E Street, Room 113
Discussion: You must also be registered for one of the discussion sections 30, 31, 32, 33, 34; make sure you are not registered for a different section.

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COURSE DESCRIPTION
This is an introductory class in the statistical sciences. Below is the summary of topics.
Numerical measures of central tendency and variability, frequency distributions & graphical presentations, probability, random variables, sampling distributions, estimation, confidence intervals, testing of hypotheses, linear regression and correlation.

TEXT

LEARNING OUTCOMES:
At the end of the semester you should be able to
--apply laws of probability
--construct and interpret large-sample and small-sample confidence intervals
--evaluate evidence for and against hypotheses using statistical tests
--find the least-squares equation for simple linear regression and assess the utility of the model

GRADING: The final grade will be based on:
Quizzes - 40%
Homework - 20%
Final - 40%

NOTE: IN ACCORD WITH UNIVERSITY POLICY, THE FINAL EXAM WILL BE GIVEN DURING THE FINAL EXAM PERIOD AND NOT THE LAST WEEK OF THE SEMESTER

Quiz/ HW: There will be twelve quizzes, mostly in your discussion section. The lowest four quiz scores among the announced quizzes will be dropped; thus your highest eight scores of the twelve will be counted. You do not have a quiz during the first week. There will be about four HWs for credit to be turned in to your TA. I will also announce practice exercises (not for credit).
CLASS POLICIES
See “Quiz/HW” information above.
You may find the University Policy on Religious Holidays at:
http://www.gwu.edu/~regweb/web-content/policies.html

ACADEMIC INTEGRITY
I personally support the GW Code of Academic Integrity. 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 Rome Hall, Suite 102, 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

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 inside Gelman library.

Important note: Stat 1051, 1053, 1091, 2104, 1111, and 1127 are related in their subject matter, and credit for only one of the six may be applied toward a degree.

PLEASE TURN OFF YOUR CELL PHONE OR SET IT TO VIBRATE.
PLEASE TURN OFF LAPTOPS, TABLETS, MOBILE DEVICES.