

Business and Economic Statistics I - STAT1111

Time: Tuesday and Thursday 9:35 - 10:50 a.m.

Room: Fungler Hall Room 221

Instructor: Charles Fleming

Office Hours: Tuesday and Thursday 9:00-9:30 a.m.

WWW: <http://www.bhox.com>

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Grader: Lingzhe Guo

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Textbook: *Statistics for Business and Economics* (12th edition) by James T. McClave, P. George Benson, and Terry Sincich

Optional Textbook: *Basic Statistics* by Charles M. Fleming

Supplies: Calculator

Description: This is the first semester of a general survey in elementary statistics which will emphasize descriptive statistics, probability, sampling, inference, and the testing of hypotheses. The lectures will be based on the first ten chapters of the McClave textbook.

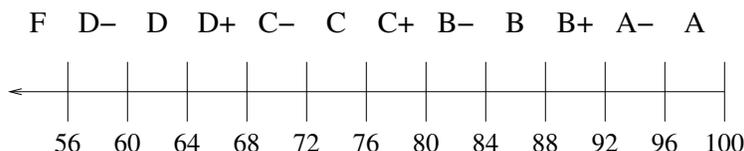
Grading: Assigned homework problems will not be graded. There will be weekly quizzes which will be closed-book and closed-notes. In addition to the quizzes, there will be graded computer assignments, a Mid-term Examination, and a Final Examination. Make-up examinations and make-up quizzes will be granted on the basis of a doctor's excuse or due to required attendance at a University sanctioned event. The course point structure and tentative schedule of exams are:

	Weight	Date
Quiz Average	25%	Weekly
Computer Assignment Average	10%	As Assigned
Mid-term Exam	30%	27 October
Final Exam	35%	14-22 December

NOTE: In accordance with university policy, the Final Examination will be given only during the week of Final Examinations.

The semester grade will be assigned according to the following scale:

Grade Scale for STAT 1111



Learning Outcomes: Students of STAT 1111 upon completion of the course will be able to

1. apply laws of probability
2. construct and interpret large-sample and small-sample confidence intervals
3. evaluate evidence for and against hypotheses using statistical tests
4. find the least-squares equation for simple linear regression and assess the utility of the model

Average minimum amount of independent, out-of-class, learning expected per week: In a 15 week semester, including exam week, students are expected to spend a minimum of 100 minutes of out-of-class work for every 50 minutes of direct instruction, for a minimum total of 2.5 hours a week. A 3-credit course should include 2.5 hours of direct instruction and a minimum of 5 hours of independent learning or 7.5 hours per week.

Academic Integrity: I personally support the GW Code of Academic Integrity which 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/integrity/code.html>

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): The University Counseling Center (UCC), 202-994-5300, offers continuous 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 case of an emergency, the class will be cancelled and everyone should go home.