2015

STAT 550-01 Business Statistics

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STAT 500  
Xavier University MBA: Business Statistics  
Fall 2015  
Hailstones 15  
Scheduled Meeting Time  
Monday 6:00 PM – 8:30 PM

Instructor: Sarah E. Helton  
Email: heltons@xavier.edu and sarah_helton@hotmail.com  
Note: Please send all emails to both addresses.  
Phone: 513-886-7665  

Office: Smith 102  
Office Hours: By appointment

Text: Business Statistics Communicating with Numbers, Jaggia and Kelly  
Optional: How to Lie with Statistics by Darrell Huff

Williams College of Business Mission: “We educate students of business, enabling them to improve organizations and society, consistent with the Jesuit tradition.”

Course Description: This course is designed to familiarize you with some of the basic statistical tools and techniques used to transform raw data into actionable information.

Course Goals: Upon completion of this course, you should be able to:  
• Use statistical methods to create, analyze, and transform data into information used in business decision making.  
• Describe data using measures of central tendency and dispersion  
• Describe and deploy sampling methods  
• Describe levels of confidence and construct confidence intervals  
• Define hypothesis testing and conduct sample hypothesis tests  
• Use Excel to complete statistical data analyses including ANOVA, correlation, regression, and forecasting.

Course Materials: In addition to the text, you are responsible for materials posted on Canvas. Homework assignments, supplemental reading, and other information will be posted regularly.

Assignments: Homework will be assigned throughout the course. You will be notified of assignments in-class and on Canvas.

Grade Components:  
Exam 1 30%  
Exam 2 30%  
Exam 3 30%  
Homework 10%  

Grade Distribution:  
A 95-100%  
A- 90-94%  
B+ 87-89%  
B 83-86%  
B- 80-82%  
C+ 77-79%  
C 73-76%  
C- 70-72%  
D 60-69%  
F’ Below 60%

Due Dates: Due dates and test dates are firm. Students are expected to contact the instructor prior to an expected absence to make arrangements. Late assignments will receive no credit.

Academic Honesty: All work submitted for academic evaluation must be the student’s own. Certainly, the activities of other scholars will influence all students. However, the direct and unattributed use of another’s efforts is prohibited as is the use of any work untruthfully submitted as one’s own. The penalty for violation of this policy will be a zero for that assignment if it is a first offense. Subsequent violation will result in an F for the course. Please review Xavier’s Academic Honesty policy for more information.
# Course Schedule

This schedule is intended to be a guide. Changes will be posted on Canvas.

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