2014

MATH 156-01/02 General Statistics

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Math 156 General Statistics  
Spring 2014

Instructor: Amanda Schwallie  
Email: heslara@xavier.edu  
Class time: MWF 8:00 – 8:50am (Sec 01) and MWF 9:00 – 9:50am (Sec 02)  
Office: Hinkle Hall 130  
Office Hours: MWF 10:00-2:00 Appointments are also available.

What is this course?
Statistics is the study of the collection and the analysis of random data. Statistical ideas and methods are especially useful in today’s technically advancing world, in which data not only appears in a wide variety of contexts, but is also readily available. In this introductory course, you learn techniques to describe data (i.e., histograms, means, and standard deviation) and become proficient with classical tools for data analysis (e.g., confidence intervals, hypothesis testing, regression, and correlation). In the end, you should be able to turn data into information.


Calculators: Each student MUST have a TI-83/84 calculator. It is the only graphing calculator that may be used on quizzes and tests. Bring your calculator to class every day.

Homework: Homework will be assigned daily but not collected. All homework and any changes to the homework will be announced via Canvas/email. I expect that all problems and reading will be completed by the next class period. Homework quizzes will be given on Wednesdays as a general rule. The questions on your homework quizzes are designed to test understanding of the reading AND homework problems. At the end of the semester, I will drop your lowest quiz grade; so missing a quiz for any reason will make it automatically dropped.

Attendance: If you miss a class for any reason, you are responsible for getting any notes or handouts you have missed and to pick up old assignments. Attendance will not be counted as a percentage of your grade; however, note that many homework problems will be harder to understand without being in class.

Tests: There will be three tests given throughout the semester, not including the final exam. Your test questions will be based on relevant book problems and problems from quizzes. All test dates will be announced a week in advance.

Make-up Policy: In the event of extenuating circumstances, a make-up MAY be permitted if you provide documentation and contact me about it. In that case, you must make it up no later than one week after the missed test/quiz. After that, you will receive a zero. I also reserve the right to provide you a harder version of the quiz/test you missed if no documentation is provided. Missing the final exam will result in a grade of zero for the final exam.
Grades:
- Homework quizzes (20 pts. each) 20% total
- Tests (100 pts. each) 20% each
- Final exam (200 pts.) 20%

Grade Scale:
- 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+ 66-69%
- D 60-65%
- F 0-59%

Notes
- I will post all handouts, assignments, changes, reminders, etc... on Canvas. You are expected to check Canvas on a DAILY BASIS.
- Please turn off all electronic devices (cell phones, laptops, iPods, etc...) before entering the classroom. In the case of emergencies, you are of course free to leave—I ask that you do so quietly and discreetly so as not to disrupt class.
- I will make every effort to begin and end class on time each day—if you arrive late, you are likely to miss important information. However, I realize there are emergencies—if for some reason you must arrive late or leave early, please do so discreetly.
- I know your time is valuable—please show the same courtesy to your fellow students and refrain from side-conversations or other behavior that might disrupt their concentration. If you fail to observe this rule, you will be asked to leave the classroom.
- If you need help with studying or are having problems with an assignment, please visit my office hours, email me, or visit Math Tutoring Lab in CLC 419. They are open Monday-Thursday 10am-8pm, Friday 10am-2pm, and Sunday 2pm-8pm. They are closed on Saturdays, and their phone number is 745-3069.
- The final date for undergraduate students to withdraw from full-term courses is Monday April 14th.

Final Exam Time:
Section 01: Wednesday, May 7: 8:00 – 9:50am
Section 02: Friday, May 9: 8:00 – 9:50am