New York University
CORE-UA 105.01
QR: Elementary Statistics
Course Syllabus

Professor
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Teaching Assistants
See NYUClasses

Basic Course Info
All course policies, grades, assignments, and this syllabus can be found on the course NYUClasses site at http://newclasses.nyu.edu.

Course Description
Introduction to statistics and probability appropriate for students who may require such for their chosen field of study. Actual survey and experimental data are analyzed. Topics include the description of data, elementary probability, random sampling, mean, variance, standard deviation, statistical tests, and estimation. For a less rigorous introduction to such topics, students are encouraged to register for another QR course.

Textbook
- *Understanding Basic Statistics*, Brase and Brase, 7th edition (used as a reference only)

Course Calendar and Topics
https://drive.google.com/open?id=1epTLruQrHQRlMB-P_WB7zze2QdMvs4KfzEauRL9RpdQ
Lecture and Recitation

Lecture will predominantly be used to introduce and teach the course material. If there is a recitation component, it will be used to review and discuss material taught in lecture. Oftentimes, recitation will be used to answer students' questions and to quiz their understanding of the material.

Course Work

Students in this course will do online homework, written homework, take quizzes, take 2 midterm exams, and take 1 cumulative final exam.

WeBWorK HW

WeBWorK is an online homework platform and can be accessed via NYUClasses. WeBWorK requires a separate login. The due dates of each assignment will be indicated within WeBWorK.

Written HW

Written homework assignments will be posted on NYUClasses, and the due dates of each assignment will be indicated within NYUClasses.

Quizzes

Quizzes are formative assessments and will be given regularly to test the students’ understanding of the material. They will be given during recitation. Usually, quizzes will be announced, though some may be unannounced.

Exams

Two midterm exams will be given during the semester. These midterm exams will be summative assessments and comprehensive of the course material. A cumulative final exam will be given at the end of the semester that tests students’ understanding of all the course material.

Grading

Grade Categories and Weights

Your exams, homework, and quizzes will be graded according to the following grade weights:
- Exams (70%): 2 midterm exams each worth 20% of your course grade, and 1 final exam worth 30% of your course grade
- Quizzes (10%): each quiz will be equally weighted, and collectively all quizzes will be worth 10% of your course grade
- Homework (20%): each online HW will be equally weighted, and collectively all online HW will be worth 10% of your course grade; each written HW will be equally weighted, and collectively all written HW will be worth 10% of your course grade

Grading Scale

Course letter grades will be assigned based on the tentative grading scale:
- A [93,100]
- A- [90,93)
- B+ [87,90)
- B [83,87)
- B- [80,83)
- C+ [75,80)
- C [65,75)
- D [50,65)
- F [0,50)

Course Policies

Missed Exams

If a student misses a midterm exam due to a documented illness, documented emergency, or university sanctioned event, the student's final exam will carry the weight of the missed exam. A student cannot miss more than one midterm exam. If a student misses the final exam due to a documented illness, documented emergency, or a university sanctioned event, the student may request a course grade of “incomplete.”

Missed Quizzes

If a student misses a quiz, it cannot be made up, unless there are extenuating circumstances approved by the professor. A student's 3 lowest quiz scores will be dropped at end of the semester.

Late HW

Late assignments will not be accepted, unless there are extenuating circumstances approved by the professor.
Academic Integrity

Guidelines regarding cheating and plagiarism are laid out in the College of Arts and Sciences guidelines available at \url{http://cas.nyu.edu/page/academicintegrity}, and they will be adhered to strictly. Collaboration is permitted, in fact encouraged, for home and class assignments; however, all submitted assignments must be written up independently and represent the student's own work and understanding.

Disabilities

New York University is committed to providing equal educational opportunity and participation for students with disabilities. It is the University's policy that no qualified student with a disability be excluded from participating in any University program or activity, denied the benefits of any University program or activity, or otherwise subjected to discrimination with regard to any University program or activity. The Henry and Lucy Moses Center for Students with Disabilities (CSD) determines qualified disability status and assists students in obtaining appropriate accommodations and services. CSD operates according to an Independent Living Philosophy and strives in its policies and practices to empower each student to become as independent as possible. Our services are designed to encourage independence, backed by a strong system of supports. Any student who needs a reasonable accommodation based on a qualified disability is required to register with the CSD for assistance.