Statistics 213: Introduction to Applied Statistics Fall 2025, Aug 26 – Dec 22

Instructor : Fadime Demiralp
Email : fdemiral@hunter.cuny.edu (In email title PLEASE include your section, Sec 16.)
Course – Section - Class Number : STAT 213 - Section 16 - 2601
Class Day, Time, Room : Tuesday&Thursday, 5:30pm – 6:45pm, Hunter North Building C114
Office hour : Tuesday 8:15pm - 9:15pm, North Building C100
Instruction Mode : In person

Learning Outcomes
This course emphasizes statistical literacy and develops statistical thinking. Statistical literacy is promoted throughout the text in the many examples and exercises, drawn from published research findings and the popular press. Many of the examples and exercises discussed will highlight the central role of probability and statistics in 21st century science. Students should understand how to adequately interpret and communicate statistical results. Understanding the nature and role of variability is key to developing sound skills in statistical thinking.

Textbook and Online system
Introduction to Statistics and Data Analysis, Enhanced Review Edition (6th Edition) by Roxy Peck, Chris Olsen, Jay L. Devore. Duxbury Press; online system: WebAssign. **WebAssign is mandatory!** WebAssign comes with online pdf version of the textbook, so students do NOT need to buy the physical textbook.

To enroll in class on WebAssign, here is the link**: https://www.getenrolled.com/?courseKey=hunter80702679**

- Homework is assigned, scheduled, and graded via WebAssign.
- For each assignment, the number of submissions allowed is 100. New or changed question parts can be submitted individually. Student`s last answer is used for scoring.
- Extension request must be made **in person**, NOT via email, NOT through WebAssign.
- Extension is NOT guaranteed, especially for students who do NOT attend class regularly!!
- Students cannot get extension after seeing the answer key for an assignment (even if they accidentally saw the answer key). PLEASE BE AWARE.

Grading Policy
There are TWO non-cumulative in-class midterms, online homework assignments via WebAssign (worth 20% of course grade) and ONE departmental in-class final exam. The final exam is doubled (i.e., it counts twice as much as the midterms). The lowest score will be dropped (if the lowest score is the final, it will be counted as one score or after doubling one will be dropped). Therefore, after final is doubled, a student`s exam average will be the average of three largest scores among four (Midterm1, Midterm2, final, final). **There is NO make-up midterm! When one of the midterms is missed (for ANY reason), it is considered as the lowest score to be dropped.**

Following course grade components and weights are uniform across all sections of Stat 213:
Course Grade=(0.80)(Exam Average)+(0.20)(Homework Average)

The midterms and final are closed book exams. Calculators and a formula sheet (as instructed below) are allowed for each exam. Statistical tables, posted on Brightspace, are provided by the instructor for each exam.

Formula sheet instructions:
1) Only ONE SIDE of a whole paper (such as printer paper or a page from your notebook) is allowed for each midterm. You can bring them to the final exam.
2) Students must make up the formula sheet themselves, they cannot just xerox something, i.e., everything must be handwritten.
3) Students do not write out homework problems or examples.
4) Formula sheet has to be confirmed by the instructor before the exam day.

(Student`s formula sheet is checked again at the beginning of each exam. Formula sheets not following the instructions will be taken away.)

Answers to Frequently Asked Questions:

- **No exam prep/practice sheet is available. Questions/examples discussed in lectures and assigned in homework are the best exam prep/practice questions.**
- **Grades are NOT curved in Stat 213. This policy is NOT up to the instructor.**
- **There is NO extra credit assignment or class work in Stat 213. This policy is NOT up to the instructor.**
- **Students cannot get homework extensions to improve their homework average towards the end of the semester. Extension requests are not accepted on and after December 9.**

Policy on Cheating
Cheating is an extremely serious offense. A student caught copying someone else's work and claiming it as his/her own will receive an F for this class, and could face disciplinary action, including suspension from Hunter College and loss of academic benefits.

Academic Integrity
"Hunter College regards acts of academic dishonesty (e.g., plagiarism, cheating on examinations, obtaining unfair advantage, and falsification of records and official documents) as serious offenses against the values of intellectual honesty. The College is committed to enforcing the CUNY Policy on Academic Integrity and will pursue cases of academic dishonesty according to the Hunter College Academic Integrity Procedures."

Student Resources
Counseling and Wellness Services offers free and confidential short-term counseling services, referrals, workshops, and support groups to all Hunter College students.
Visit http://www.hunter.cuny.edu/cws/counselingservices for more information.
Visit https://ww2.hunter.cuny.edu/students/student-life/emergency-support-and-resources/ for links to resources such as food pantries, emergency funding sources, and technology access.
Assistance with CUNY login (Blackboard, CUNYfirst), email, Hunter NetID:
studenthelpdesk@hunter.cuny.edu , (212) 650-3624
Academic Advising: http://www.hunter.cuny.edu/advising/
Financial Aid: https://hunter.cuny.edu/students/financial-aid

Office of Accessibility
"In compliance with the American Disability Act of 1990 (ADA) and with Section 504 of the Rehabilitation Act of 1973, Hunter College is committed to ensuring educational parity and accommodations for all students with documented disabilities and/or medical conditions. It is recommended that all students with documented disabilities (Emotional, Medical, Physical and/or Learning) consult the Office of Accessibility." Call (212-772-4857)/TTY (212-650-3230) or visit http://www.hunter.cuny.edu/access for more information. Students are welcome to speak with me privately about any accommodations.

CUNY Statement on Sexual Misconduct
"In compliance with the CUNY Policy on Sexual Misconduct, Hunter College reaffirms the prohibition of any sexual misconduct, which includes sexual violence, sexual harassment, and gender-based harassment retaliation against students, employees, or visitors, as well as certain intimate relationships. Students who have experienced any form of sexual violence on or off campus (including CUNY-sponsored trips and events) are entitled to the rights outlined in the Bill of Rights for Hunter College.

a. Sexual Violence. Students are strongly encouraged to immediately report the incident by calling 911, contacting NYPD Special Victims Division Hotline (646-610-7272) or their local police precinct, or contacting the College's Public Safety Office (212-772-4444).
b. All Other Forms of Sexual Misconduct: Students are also encouraged to contact the College's Title IX Campus Coordinator, Dean John Rose (jtrose@hunter.cuny.edu or 212-650-3262) or Colleen Barry (colleen.barry@hunter.cuny.edu or 212-772-4534) and seek complimentary services through the Counseling and Wellness Services Office, Hunter East 1123."
CUNY Policy on Sexual Misconduct Link: http://www.cuny.edu/about/administration/offices/la/Policy-on-Sexual- Misconduct-12-1-14-with-links.pdf

Tentative course schedule

Lecture materials are posted on Brightspace in "Content".
As a Hunter student, you can get a free download of Microsoft Office.
Check out this link for more info: Microsoft Office Suite — Hunter College (cuny.edu)
(Excel is not required for this class, but to import data to WebAssign`s SALT it has to be a .csv file.)

Aug 26 Tue	Syllabus, Chapter 3
Aug 28 Thu	Chapter 3
Sep 2 Tue	Chapter 4
Sep 4 Thu	Chapter 6
Sep 9 Tue	Chapter 6
Sep 11 Thu	Chapter 7
Sep 16 Tue	Chapter 7
Sep 18 Thu	Chapter 7
Sep 23 Tue	**No classes scheduled**
Sep 25 Thu	Chapter 8
Sep 30 Tue	Chapter 8
Oct 2 Thu	**No classes scheduled**
Oct 7 Tue	Review for Midterm 1
Oct 9 Thu	**Midterm 1 (covers Chapter 3, 4, 6, 7, 8)**
Oct 14 Tue	**No Meeting (Classes follow Monday schedule)**
Oct 16 Thu	Chapter 9
Oct 21 Tue	Chapter 10
Oct 23 Thu	Chapter 10
Oct 28 Tue	Chapter 10
Oct 30 Thu	Chapter 11
Nov 4 Tue	Chapter 11
Nov 6 Thu	Chapter 12
Nov 11 Tue	Chapter 12
Nov 13 Thu	Chapter 15
Nov 18 Tue	Chapter 15
Nov 20 Thu	Chapter 5
Nov 25 Tue	Chapter 5
Nov 27 Thu	**College is closed**
Dec 2 Tue	Review for Midterm 2
Dec 4 Thu	**Midterm 2 (covers Chapter 9, 10, 11, 12, 15, 5)**
Dec 9 Tue	Review for the final
Dec 11 Thu	Review for the final
Dec 16 Tue	**Final exam (departmental) 5:20-7:20pm**