DEPARTMENT OF MATHEMATICS AND STATISTICS

STAT 213.10 – Introduction to Applied Statistics
Class Meeting: FRI 2:30 – 5:20 PM Room: W204
Instructor: Kikuno Nonoyama
Email: kikuno.nonoyama@baruch.cuny.edu (Preferred), kn2170@caa.columbia.edu
Office Hours: FRI 5:20 – 6:05 PM @ W204
Prerequistites: MATH 125 or appropriate score on placement exam.
Material: Introduction to Statistics and Data Analysis, 6th Edition, by Roxy Peck, Chris Olsen, Jay L. Devore, Duxbury Press. Customized Edition (Lose Leaf and WebAssign Bundle).

Students are allowed to use a tablet in class to take notes. However, the use of a phone in the classroom or doing something unrelated to the subject is strictly prohibited. Please put your phone/laptop away BEFORE every class.

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.

Grading Policy and Benchmark: Your final grade will be determined by WebAssign homework assignments, two term exams, and a cumulative final exam. The term exams and final are closed book. The final counts twice as much as the term exams. Lowest score will be dropped (if lowest score is at the final exam, that score will be counted only once). **No make-up exams will be allowed for any reason including an emergency. If you miss a term exam due to an emergency, it will be counted as the lowest grade. Pages files, pictures or screenshots will not be reviewed or graded for any reason in this course.**

Component	Percentage
WebAssign Homework Lowest Exam Grade	20 %
Exam Average	80 %
Total	100 %

Letter Grade	GPA Value	Grading Scale
A	4.0	92.5 – 97.4
A-	3.7	90.0 – 92.4
B+	3.5	87.5 – 89.9
B	3.0	82.5 – 87.4
B-	2.7	80.0 – 82.4
C+	2.5	77.5 – 79.9
C	2.0	70.0 – 77.4
D	1.0	60.0 – 69.9
F	0.0	0 – 59.9

1. Blackboard: It is your responsibility to have a working email address and to have access to Blackboard. See get help if there is a problem.

2. Attendance: Students are expected to attend all lectures on time. Class attendance will be taken within five minutes after each class session begins. If you are late, it is your responsibility to ensure that your attendance is recorded at the end of the lecture. Otherwise, it might be counted as an absence. If you miss a class due to unavoidable circumstances such as an emergency or a business trip, please bring the appropriate documentation.

3. Class Participation & Electronic Devices: Students are expected to participate in the class discussions and become actively involved in the course. Students are allowed to use a tablet in class to take notes. **However, the use of a phone in the classroom or doing something unrelated to the subject is strictly prohibited since it distracts myself and possibly other students. Please put away your phone/laptop before every class.** Each violation of this policy will result in a lowering of the next exam grade by 2 points. (Please step out of the classroom if you want to use your phone/laptop.) If you expect an emergency call, clear it with me prior to class.

As a college student, you are expected to respect the class and the other students if you are in the classroom. Please be aware that disturbing behavior will have a significantly negative impact on your final grade.

4. Homework: Mandatory online homework will be assigned through WebAssign. Access https://www.webassign.net and register using the class key: hunter 5067 8276. Alternatively, please access: **https://www.getenrolled.com/?courseKey=hunter50678276**. **Each assignment has a due date. The due date will not be extended for any reason including an emergency or a technical issue. Please do not wait until the last minute to complete each homework assignment.** (Please do not send me an email requesting an extension. It will not be responded to.)

5. Calculator: You are required to have a scientific or graphing calculator. **The use of your cellular phone's calculator in the classroom is strictly prohibited.** Sharing a calculator during an exam is not allowed. If you forget to bring a calculator for an exam, you will take the exam without a calculator. You can check the library if you can borrow. A used TI-83 plus graphing calculator is available from $22.90 as of 8/22/2024. Please refer to: **https://www.amazon.com/s?k=Texas+Instruments+TI-83+Plus+Programmable+Graphing+Calculator+%28Packaging+and+Colors+May+Vary%29&i=electronics&crid=V6HWP6O2QUKG&sprefix=texas+instruments+ti-83+plus+programmable+graphing+calculator+packaging+and+colors+may+vary+%2Celectronics%2C77&ref=nb_sb_noss**

6. Exams: There will be two non-cumulative exams and a CUMULATIVE DEPARTMENTAL final exam. (The tentative exam dates and final exam date are indicated in the preliminary course schedule at the end of this statement. The exact exam dates will be announced at least one week prior to the exams.) **Exams will be based on lectures and homework assignments. There will be no review sheets or sample exams.** Students are allowed to use a scientific/graphing calculator. However, the use of your cellular phone's calculator in class is strictly prohibited. Sharing a calculator during an exam is not allowed. If you forget to bring a calculator for an exam, you will take the exam without a calculator. If you use scrap paper for your exam, please make sure to write your name and submit your scrap paper on the top of your quiz/exam. Otherwise, it may not be graded.

For the first and second exams, students are allowed to use:

- A scientific/graphing calculator
- One page (one side only) of letter-size HANDWRITTEN sheet

For the cumulative final exam, students are allowed to use either one page (both sides) or two pages (only one side) of letter-sized HANDWRITTEN paper.

All exams are supposed to be given in class. However, if in-person classes must be held remotely, exams will be given online. Please prepare to have a backup plan just in case you lose your internet connection during your exam. **Pages files, pictures or screenshots will not be reviewed or graded for any reason in this course.**

7. Extra Credit Assignments: Extra credit assignments are not allowed in the course. This is the departmental policy, so please do not ask. (A student's email requesting extra credit will not be responded to.)

8. Dolciani Mathematics Learning Center: It is located on the 7th floor in the library. The lab provides multimedia materials (videotape & CDs), as well as tutoring, specifically for STAT 213 students. In the past, students also found the open forum in WebAssign (under Communication) very useful for sharing questions and comments about the course. The forum is open to everybody enrolled in your section.

9. Grade: According to the departmental policy, STAT 213 students are not allowed to request a CR/NCR grade. Students wishing to request INC grades must put their request in writing and explain the reasons. You must also have at least a C average at the time of the request. If you stop attending and do not complete the course work you will receive a grade of WU.

10. 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."

11. Office of AccessABILITY: "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.

12. 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 details.
Visit **https://ww2.hunter.cuny.edu/students/student-life/emergency-support-and-resources/**
for links to resources such as food pantries and emergency funding sources.
Technology Assistance: **studenthelpdesk@hunter.cuny.edu**; (212) 650-3624
Academic Advising: **http://www.hunter.cuny.edu/advising/**
Financial Aid: **https://hunter.cuny.edu/students/financial-aid/**

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**

STAT 213 SPRING 2025 Preliminary Course Schedule:

CLASS	DATE	CHAPTER
1	1/31	FIRST DAY OF CLASS
2		Chapter 1 & 3
3	2/7	Chapter 3 & 4
4		Chapter 4
5	2/14	Chapter 4
6		Chapter 6
7	2/21	Chapter 6
8		Chapter 7
9	2/28	Chapter 7
10		Chapter 8
11	3/7	Chapter 8
12		Chapter 8
13	3/14	**EXAM 1**
14		Chapter 9
15	3/21	Chapter 9
16		Chapter 9
17	3/28	Chapter 10
18		Chapter 10
19	4/4	Chapter 11
20		Chapter 11
21	4/11	Chapter 12

22		Chapter 5
	4/18	Spring Recess (4/12 – 4/20)
23	4/25	Chapter 5
24		Chapter 15
25	5/2	**EXAM 2**
26		Chapter 15
27	5/9	Chapter 15
28		FINAL REVIEW
	TBA	**FINAL EXAM TENTATIVELY SCHEDULED (Most likely Friday, 5/16)**

The course schedule may be modified to accommodate the learning requirements of the class. ***According to the academic calendar: https://hunter.cuny.edu/students/registration/academic-calendar/#future***

- ***The last day to add/swap a course is Friday, 1/31.***
- ***The last day to withdraw from a course is Tuesday, 4/1.***

The first WebAssign assignment is due 11:59 pm on Saturday, 2/8. **Please note the rest of the homework is due 2 pm (NOT 11:59 pm).** The first exam is tentatively scheduled on Friday, 3/14 and it will be based on all the topics until Chapter 7.

My Assignments

Name	Due
HW 1 - Chapter 1	Sat, Feb 8, 2025, 11:59 PM EST
HW 2 - Chapter 3	Fri, Mar 14, 2025, 2:00 PM EDT
HW 3 - Chapter 4 (4.1, 4.2 & 4.3)	Fri, Mar 14, 2025, 2:00 PM EDT
HW 4 - Chapter 6 (6.1 - 6.4)	Fri, Mar 14, 2025, 2:00 PM EDT
HW 5 - Chapter 6 (6.5, 6.6 & Review)	Fri, Mar 14, 2025, 2:00 PM EDT
HW 6 - Chapter 7 (7.1, 7.2 & 7.4)	Fri, Mar 14, 2025, 2:00 PM EDT