

## Statistics 213: Introduction to Applied Statistics

**Section 12, Spring 2022**, MW 4:10 – 5:25 pm, 204 Hunter West

**Instructor:** Vinh Ly, email: [vl607@hunter.cuny.edu](mailto:vl607@hunter.cuny.edu)

**Office hours:** Tuesday 5:00 – 6:00 pm and Saturday 12:00 – 1:00 pm, 914 Hunter East

**Office hours link:** <https://us02web.zoom.us/j/8490723211>

### 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 21<sup>st</sup> 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:** Introduction to Statistics and Data Analysis, Enhanced Review Edition (6th Edition) by Roxy Peck, Chris Olsen, Jay L. Devore. Duxbury Press; **WebAssign is mandatory!**

**Class key for WebAssign (self-enrollment): ccny 6591 3797**

### Grading Policy

There are two in-class non-cumulative tests, online homework assignments (worth 20% of the grade), and a final exam. The tests and final are closed book exams. Calculators and formula sheets are allowed. The final is comprehensive. **There will be no remake for the tests and final!** The final counts twice as much as the tests. Lowest score will be dropped (if lowest score is at the final exam, that score will be counted only once).

<u>Grade</u>	<u>Percent</u>
A+	97.5-100
A	92.5-97.4
A-	90.0-92.4
B+	87.5-89.9
B	82.5-87.4
B-	80.0-82.4
C+	77.5-79.9
C	70.0-77.4
D	60.0-69.9
F	0-59.9

### Tentative exam schedule:

**Test 1: Monday, March 14<sup>th</sup>**

**Test 2: Monday, May 9<sup>th</sup>**

**Final Exam: Monday, May 23<sup>rd</sup>**

## **Calculators**

A scientific calculator is required for the exams. Cell phones, iPads, laptops, etc. are not permitted for the exams.

## **Incomplete and Credit/Non-Credit**

Students wishing to *request an INC grade* must do so in writing explaining the reasons, AND have AT LEAST a C average. Students wishing to *request a CR/NCR grade* must have taken the exams, and have at least a 40% average.

## **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. 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 offense 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.

## **Dolciani Mathematics Learning Center Resources**

The Dolciani Center is located in the Library, 7<sup>th</sup> Floor, East Building. The lab provides multimedia materials (videotape & CDs), as well as tutoring. More information to be distributed shortly by the Center ambassadors.

## **Tentative schedule**

Week 1: Chapters 1, 2, 3

Week 2: Chapter 4

Week 3: Chapter 6

Week 4: Chapter 7

Week 5: Chapter 8

Week 6: Review for Test 1; Test 1

Week 7: Chapter 9

Week 8: Chapter 10

Week 9: Chapter 10, 11

Week 10: Chapter 11, 12

Week 11: Chapter 12, 5, 13

Week 13: Review for Test 2; Test 2

Week 14: Review for final

Week 15: Final Exam