

Statistics 21300: Introduction to Applied Statistics

Section 07, Fall 2020, MW 4:10-5:25 pm, ONLINE

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Office hours: Wednesdays, 2:30 -4:05 pm, 924 Hunter East

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: Introduction to Statistics and Data Analysis, Enhanced Review Edition (5th Edition) by Roxy Peck, Chris Olsen, Jay L. Devore. Duxbury Press; **WebAssign is mandatory!**

Class key for WebAssign (self-enrollment): hunter 0405 2679

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).

Test 1: Wednesday October 14

Test 2: Monday November 30

Final Exam: Wednesday December 16

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 Lab is located in the library on the 7th floor. The lab provides multimedia materials (videotape & CDs), as well as tutoring. 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.

Tentative schedule

Week 1: August 26. Chapters 1

Week 2: August 31, September 2. Chapter 2,3

Week 3: September 9. Chapter 4

Week 4: September 14,16. Chapter 4 continued, Chapter 6

Week 5: September 21, 23. Chapter 6 continued.

Week 6: September 29,30. Chapter 6 continued, Chapter 7

Week 7: October 5,7. Chapter 8, Review for Test 1

Week 8: October 14. Test 1

Week 9: October 19,21. Chapter 9

Week 10: October 26,28. Chapter 10, 11

Week 11: November 2,4. Chapter 11 continued, Chapter 12

Week 12: November 9,11. Chapter 12 continued, Chapter 5

Week 13: November 16,18 Chapter 5 continued

Week 14: November 23. Review for Test 2

Week 15: November 30, December 2. Test, Chapter 13

Week 16: December 7,9. Chapter 13 continued, Review for Final Exam