Math 17300-FG
Introduction to Probability and Statistics
Fall 2018

Contact Information

Instructor:	John Adamski
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Office:	NAC 6/294B
Office Hours	Th 5-5:50pm

Course Information

When:	M, W, 4-5:40pm
Where:	NAC 5/108
Text:	Mendenhall, Beaver, Beaver, *Introduction to Probability and Statistics*. Fourteenth Edition, 2013. Brooks Cole. ISBN 1133103758
	We will cover the following sections: Introduction, 1.5, 2.2-2.4, 4.2-4.8, 5.2, 5.4, 6.1-6.4, 7.4-7.6, 8.3-8.7, 8.9, 9.1-9.6, 10.1-10.3
Websites:	johnadamski.com/173f2018.html
	http://math.sci.ccny.cuny.edu/courses/name=Math_17300
Blackboard:	Will be used for posting grades
Be Honest:	https://www.ccny.cuny.edu/about/integrity

Topics

Descriptive statistics and frequency histograms; measures of location and dispersion; elementary probability; permutations and combinations; multiplication rule and conditional probability; Bayes' Theorem; independent events; random variables, expected values; applications to binomial, hypergeometric, uniform and normal distributions; the Central Limit Theorem; testing statistical hypotheses; correlation; linear regression and least squares.

Grades

40%	5 Quizzes (lowest grade dropped)	9/17, 10/10, 10/29, 11/19, 12/5
20%	Midterm	11/7
40%	Final Exam	12/17

Overview

Each day we will learn new material and homework exercises will be assigned. It is essential that you work through these exercises promptly after they are assigned. Homework will not be collected, but I will assume you have worked through the assigned problems and understand their solutions. The first 5-10 minutes of class is available for going over homework exercises. Class notes, homework assignments, and solutions will be posted to `johnadamski.com/173f2018.html`.

Every 2-3 weeks we will take a short quiz (25 min) which will cover the previous 2-3 weeks' material. There will be one cumulative midterm exam on Wednesday, 11/7. There will be one cumulative final exam on Monday, 12/17 3:30-5:45pm. Make-up quizzes/exams will not be given.