Introduction to Probability and Statistics

Math 113 Section 6296 Spring 2010 Mon 12:20 - 1:10 1P-222, 1:25 - 2:15 1S-108 (Lab) Wed 12:20 - 2:15 pm 3S-112

Instructor: Office:	Abhijit Champanerkar 1S-208
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Office Hours:	Mon 11:15 - 12:05, 2:30 - 3:20, Wed 11.15-12.05, and by appointment.
Course description:	We will study measures of central tendency and dispersion like mean, me- dian and standard deviation, the normal curve, hypothesis testing, linear correlation and regression, basic concepts in probability with applications. Computer program R will be used extensively for computer assignments.
Prerequisite:	MTH 015 or MTH 020 or an appropriate score on the CUNY math proficiency/placement exam.
Text:	Statistics and Probability in Modern Life, 6th Edition by Joseph Newmark, ISBN 0-495-28933-7.
Course syllabus:	We will cover topics from Chapters $1, 2, 3, 4, 6, 7$ 10, 11, 12.
Computer Lab:	The computer lab which accompanies this class meets on Mondays 1:25 - 2:15 pm in the computer lab 1S-108. We will use the statistical computer package R, not the MINTAB package used in other sections.
Homework and Quizzes:	Homework assigned from the book is listed on Course outline and Homework. This homework will not be collected. We will have quizzes based on the topics covered in the class. In addition there will be computer assignments using the program R.
Exams:	 There will be 3 exams during the semester and a Final exam at the end of the semester. Here are the tentative dates: Exam 1: Wednesday Feb 24th (Review on Monday Feb 22nd) Exam 2: Wednesday March 24th (Review on Monday March 22nd) Exam 3: Wednesday April 28th (Review on Monday April 26th) Final Exam: TBA
Grading:	The course grade will be computed as: 25% Computer Assignments & Quizzes + 45% Exams + 30% Final Exam.
Method of Study:	Attend class. Read the textbook. Do the homework. Discuss and talk to other students. Use my office hours or email me to ask questions.
Help:	Email is the best way to contact me. Use the office hours posted above. Free math tutoring is also available.
Attendance:	Attendance is mandatory.
Academic Integrity:	Academic dishonesty and cheating will not be tolerated.