Mathematics MTH214/MTHH501: Applied Statistics with Computers
Spring 2005

Professor: John Verzani
Office: 1S-222
Telephone: 1 718 982 3623
e-mail: `verzani@math.csi.cuny.edu`
website: `http://www.math.csi.cuny.edu/verzani/classes/MTH214`
Office Hours: M 12:10-1:05, Th 12:10-1:05
Required Text: Kitchens, *Exploring Statistics: a modern introduction to data analysis and inference*, Duxbury
Meeting Time and places: Th: 10:10 - 12:05 1S108 (Computer lab)
Fr: 10:10 - 12:05 3S102
Special dates: 2/11 College closed, 3/24 Classes follow Friday schedule, 3/25,26 No Classes, 4/23,29-30 Spring recess

Expectations: This class is Applied Statistics with Computers. All three words will be applicable. We will try to learn statistics using examples from the real world using computer software.

Homework: The homework is assigned on the class syllabus. There will be time allotted during the class to cover homework problems.

Computer Software: We will use the R software in the computer lab. This software can be downloaded for use at home, or in other labs on campus. Go to

    http://cran.us.r-project.org

and download the latest version). This is a large download. You may want to burn it to a CD in the lab and then take home.
Some additional information about R can be found at

    http://www.math.csi.cuny.edu/Statistics/R/simpleR

Or from the book

> *Using R for Introductory Statistics*, John Verzani
> `http://www.math.csi.cuny.edu/UsingR`

Grading: Your grade will consist of scores on the three in-class exams, the comprehensive final exam and a discretionary class participation grade that will be assigned based on homework, computer labs, presence in the classroom, and possible in-class quizzes. The final will count 30%, the in-class exams 20% each and 10% for the class participation grade. To pass the course, a passing average on the final exams, with the weights above, must be maintained.

Exam Policy: I expect full attendance at all the exams. If you know ahead of time that you will miss an exam, you must make prior arrangements with me before the exam. There will be no make-up exams as a general rule. No accommodations for a missed final exam will be made.

Exam Dates: Our tentative dates for the three midterm exams are 3/3, 4/7, 5/12.

Academic Honesty: The CUNY academic integrity policies are available from the website `http://www.math.csi.cuny.edu/verzani/classes/CUNYapr.pdf`. Although I encourage you to work together if desired on any assignment for the in-class portion of your grade, you still should not copy another person's wording.
On the exams, in fairness to all the students, all work must be your own. Cheating on exams will not be tolerated.