

Professor: John Verzani

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www: <http://www.math.csi.cuny.edu/classes/MTH410>

Office hours: M 2:30-3:20, W 9:05-9:55

Class text: Berry and Lindgren, *Statistics, Theory and Methods*. Duxbury, second edition ISBN: 0-534-50479-5.

The text *Using R for Introductory Statistics*, Verzani, Chapman Hall/CRC 1st edition ISBN 1-58488-450-9 is a *recommended* text for those who need extra material to learn the computer commands and concepts to be discussed during the term.

Meeting times: M: 10:10 - 11:00 1S108, M: 11:15 - 12:05 1S116; W:10:10 - 12:05 1S219

Exam dates: 10/19, 11/23. Final Exam is *likely* to be 12/19.

Special dates: No scheduled class on 10/5, 10/10, and 10/12. A Monday class is scheduled on Tuesday 10/11.

Goals and objectives: This class introduces mathematical statistics using the likelihood function to unify the approach.

Syllabus: There is no class syllabus. The following is the schedule.

The first exam will cover chapters 7, 8, and 9. It is anticipated that these will take 2, 4, and 4 days respectively.

The second exam will cover chapters 10, 11, and 12. Three days are allotted for each chapter. The final exam will be comprehensive. However, untested material from chapters 15, 13, and perhaps 14 will appear. We will approach the material in the order suggested. It is expected that the material will take 3, 3, and 2 days respectively.

Homework: Homework will be assigned during the class. Assignments will appear on the course website in case class is missed. Some of the homework will be submitted and turned in for grading.

Computer: The computer lab that accompanies this class will use the R software. See <http://www.r-project.org> to download a copy. Although the computer will not be available on the exams, you will be expected to be familiar with reading and interpreting the computer output.

Grading: There are two mid-term exams scheduled and one final exam. Additionally, you will be graded on your work in the computer lab, the homework, and your class participation. The mid-terms will count for 25% each, the final 35%, and the rest 15%.

Exam Policy: I expect full attendance for all the exams. If you know ahead of time that

on the web at <http://www.math.csi.cuny.edu/classes/MTH410>

you will miss an exam, you must make prior arrangements with me **before** the exam. No accommodations for a missed final exam will be made. Please keep your old exams as they are your record of your grade.

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.