Syllabus for Elementary Statistics - V55.0105

Course Instructor:
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Teaching Assistants:
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Time, location and other info:

- Lectures: MW, 8:00-9:15pm, Meyer 121.
- Recitation: Check out the registrar’s page for room/time info regarding recitation sessions. A similar list is kept here under the Math Dept. home page (check Wednesday).

Course homepage: http://www.cims.nyu.edu/~gunturk/ElementaryStatistics/
Office hours: to be announced.
Final Exam Date: (as listed by the NYU Registrar) Monday 12/19/2005, 8AM-9:50AM.

Topics to be Covered:

- Summarizing Data (Listing, Grouping, Mean-Median-Mode, Range, Variance, Standard Deviation)
- Basic Probability (Counting, Permutations and Combinations, Rules of Probability, Conditional Probability, Bayes’ Theorem and applications)
- Random Variables and Probability Distributions (Special distributions: binomial, poisson, normal; Expectation)
- Sampling and Central Limit Theorem
- Basic Parameter Estimation
- Hypothesis Testing
- Regression, Correlation and other topics.

MAP Policies and Academic Guidelines:

- Academic Guidelines for Students
- Statement on Academic Integrity

Additional Policies:

- Make up exams may only be given under very special circumstances, such as documented medical conditions. Requests based on "wish to improve grade", "scholarship requirements", etc., will be routinely rejected.
- Unless specified otherwise, all homework assigned in a given week will be due on Monday, 5pm, of following week.
- Homework assignments should be turned in via the respective TAs offices.
- Late homework may be accepted only if they are turned in within the 24 hours following the posted hour. However, 50% will be docked.
- If you need to miss an exam/quiz/homework due to a religious holiday that you will be observing, inform me as early as possible.
- Grading Policy: (tentative)
  - Two Midterms, each 20%
  - Final Exam 30%
  - Quizzes and Homework Assignments 30%