MATH 1700 Modern Elementary Statistics
Spring 2010- Section 103
Marquette University

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Text: Just the Essentials of Elementary Statistics; Johnson and Kuby, 10th edition.
Calculators: You will need some sort of scientific calculator for the course. The type of calculator you choose is up to you.

Core of Common Studies Mathematical Reasoning Learning Outcomes: You should be able to:
1. Evaluate the effectiveness of the mathematical sciences in describing the world.
2. Analyze quantitative information symbolically, graphically, numerically, and verbally for the purpose of solving problems or drawing conclusions.
3. Construct logical arguments in support of mathematical assertions.

Learning Objectives:
1. Understand a few necessary concepts of probability
2. Understand the difference between descriptive statistics and inferential statistics.
3. Understand the estimation problem.
4. Understand the hypothesis problem.
5. Understand the difference between 3 and 4.
6. Calculate Linear Correlation and Line of Best Fit

Homework: Homework assignments will be given for each section. Homework will not be collected, but I promise you that exams will go more smoothly if you are comfortable with the material in the homework.

Exams: There will be 6 exams given throughout the semester. Exams are scheduled every other Thursday beginning January 28. All the exam dates are January 28, February 11, February 25, March 11, April 8, and April 22. **There will be no make-up exams allowed, but your lowest exam score will be dropped.**

Final Exam: The final exam will be Thursday May, 13 from 8:00 am-10:00 am.
Grading: Grades will be based on the following elements.
Midterm Exams   75%
Final Exam   25%

Grades will be assigned according to the following scale:
A   94% and up   AB   88%-94%
B   83%-88%   BC   77%-83%
C   73%-77%   CD   67%-73%
D   63%-67%