MATH 1700 Modern Elementary Statistics
Spring 2010- Section 101
Marquette University

Instructor: Daniel B. Rowe, Ph.D. **TA:** Sunil Kumar
Office Hours: WTh 3:15 pm – 4:15 pm **Office Hours:** MW 12:00pm – 1:30 pm
Office: CU 313 **Office:** CU 357
E-mail: daniel.rowe@marquette.edu **Email:** sunil.kumar@marquette.edu

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 Wednesday beginning January 27. All the exam dates are January 27, February 10, February 24, March 10, April 7, and April 21. **There will be no make-up exams allowed, but your lowest exam score will be dropped.**

Final Exam: The final exam will be Wednesday, May 12 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%