

MATH 1700:Modern Elementary Statistics
Fall 2012, TuTh 2:00 pm – 3:15 pm
Marquette University

Instructor: Daniel B. Rowe, Ph.D.
Office Hours: TuTh 3:15pm – 4:15pm
Office: Cudahy Hall 313
E-mail: daniel.rowe@marquette.edu

TA: Muge Karaman
Office Hours: TuTh 1:00pm – 2:00pm
Office: Cudahy Hall 357
Email: meryem.karaman@marquette.edu

Text: Just the Essentials of Elementary Statistics; Johnson and Kuby, 11th edition.

Calculators: You will need some sort of scientific calculator for the course.

Class Structure: Lecture for about 50-60 min TuTh, then 15-25 min of TA answering questions and doing homework problems. Class held in Wehr Chemistry 121 on TuTh 2:00 pm to 3:15 pm.

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 5 exams given throughout the semester plus a final. Exams are scheduled every few of weeks. The exam dates are Sept 13, Oct 4, Oct 25, Nov 8, and Nov 29. **No make-up exams allowed, but if you do not miss any then, your lowest of 5 Exam score will be dropped. The final can't be dropped. If you have an "unavoidable absence" as defined in Arts and Sciences Undergraduate Bulletin, the percent of the missed Exam will be added to your Final Exam percentage. Contact me if is University event absence.**

Final Exam: The final exam will be Wednesday December 12, 2012 from 8:00 am-10:00 am.

Grading: Grades will be based on the following elements.

Midterm Exams	80%	(each of counted five are 20%)
Final Exam	20%	(will not be dropped, percentage may be higher as above)

Grades will be assigned according to your score on the following scale:

A	94% ≤ score ≤ 100%	AB	88% ≤ score < 94%
B	83% ≤ score < 88%	BC	77% ≤ score < 83%
C	73% ≤ score < 77%	CD	67% ≤ score < 73%
D	63% ≤ score < 67%	F	score < 63%

Drop Date: The last day to drop without a W is 9/04/2012 and with a W is 11/16/12.