

MATH K167 PRINCIPLES OF STATISTICS

FALL 2011

INSTRUCTOR: Joe Amarello

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COURSE DESCRIPTION: This course introduces the basic concepts of statistics as they apply primarily to business, the technologies, and the social sciences. Topics include methods of summarizing data, measures of central tendency and dispersion, correlation and linear regression, basic probability, binomial and normal distributions, hypothesis testing for one and two populations, confidence intervals, and distributions.

PREREQUISITE: Acceptable placement score or MAT 137

TEXTBOOK: Elementary Statistics, 11th Edition
by Mario F. Triola

COURSE SCHEDULE:

Sept 1 - 1.2, 1.3, 1.4, 2.2, 2.3	Oct 27 – 6.6, 7.3, 7.4
Sept 8 - 2.4, 3.2	Nov 3 – 8.2, 8.3, 8.4
Sept 15 - 3.3, 3.4, 4.2	Nov 10 – Test 3
Sept 22 - Test 1	Nov 17 – 8.5, 8.6
Sept 29 – 4.3, 4.4, 4.5, 4.7	Nov 24 – Thanksgiving Break
Oct 6 – 5.2, 5.3, 5.4	Dec 1 – 9.3, 9.4
Oct 13 – Test 2	Dec 8 – 10.2, 10.3
Oct 20 – 6.2, 6.3, 6.5	Dec 15 – Final Exam

OFFICE HOURS: I will be available to meet with the students at the school in the evenings as needed.

ATTENDANCE: Attendance will be taken at each class. Your attendance record will be considered for borderline grades. I look forward to seeing you at each class.

HOMEWORK: An assignment will be given at the end of each class. You are expected to have completed the assignment for the next class session. Homework will be collected and reviewed to allow me an opportunity to measure the progress of the class. Questions on the homework will be discussed at the beginning of each class.

EXAMS: There will be three progress exams and a final exam in this course. You are required to take all exams. Any schedule conflicts should be resolved prior to exam day.

GRADES: Your grade will be determined as follows:
Three Exams - 20% each
Final Exam - 30%
Homework - 10%

COLLEGE WITHDRAWAL POLICY: As stated in college catalog

DISABILITIES AND LEARNING DIFFERENCE STATEMENT: As stated in college catalog (See me if you have any questions or concerns).