Syllabus for Statistics 215  
Elements of Statistics  
spring 2021

Instructor: W. Sarmuk

Office: MS 211

Office Hours: T R 7:00-8:00 AM AND TR 10:50-11:50 AM

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Course Prerequisite: Two years of high school algebra.

Course Objectives: This course examines the elements of statistics and is designed primarily for students in the social and natural sciences. Topics include: graphical methods, measures of central tendency and dispersion, basic probability, random variables, sampling, confidence intervals, hypothesis testing, correlation and regression.

Text: *Elementary Statistics* by Bluman

You will need a calculator

Assessment: Final grades will be based on the following weights:
- Quizzes 10%
- Tests 30%
- Projects 30%
- Final Cumulative Exam 30%

Projects handed in after due date will be accepted but graded down by a letter grade for each class it is late

Approximate grading system: 96-100% A+; 93-95% A; 90-92% A-; 86-89% B+; 83-85% B; 80-82% B-; 76-79% C+; 73-75% C; 70-72% C-; 69-66% D+; 63-65% D; 60-62% D-; 0-59% F

Policies: It is strongly advised that all classes are attended and never missed except for illness or major emergencies. Assignments must be completed for the beginning of the class. Late assignments will not be accepted unless official documentation/verification is given of an illness or major emergency. Only then will the missed assignment may be made up within one week. If you have a total of 3 or fewer absences ("excused" or not) from all classes, you may drop one textbook assignment grade and one quiz grade. (Computer assignment grades may not be dropped. However, an optional computer assignment will be available at the end of the semester.) Show all work for assignments, and examinations to receive proper credit. Students who have legitimate scheduling conflicts with a test must petition the instructor in person to take a test prior to the scheduled date. No tests may be retaken. No late tests will be given unless official documentation/verification is given of an illness or major emergency. The instructor should also be notified in advance that the test will be missed. The test must be made up within one week. The final exam must be taken for this course.