

Math 1011 - Spring 2017

Introduction to Statistics

MWF 3-4pm, Cupples II, Room L015

Instructor: Cody Stockdale
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Office: Cupples I, Room 213
Office Hours: To be determined

Course Description: The course provides an overview of some basic concepts of statistics. We will focus on data collection, data organization, and statistical inference.

Topics: The course covers selections from the following topics: designing experiments, histograms, mean, median, mode, standard deviation, normal approximations, error, correlation, regression, probability, law of averages, expected value, standard error, sampling, and tests of significance.

Prerequisites: High school algebra.

Text: *Statistics*, 4th Edition by David Freedman, Robert Pisani, and Roger Purves

Grade Distribution:

Homework	30%
Quizzes	20%
Midterm Exams	30%
Final Exam	20%

Letter Grade Distribution: (Total percentage followed by lowest possible grade)

≥ 93	A	73 - 77	C
90 - 93	A-	70 - 73	C-
87 - 90	B+	67 - 70	D+
83 - 87	B	63 - 67	D
80 - 83	B-	60 - 63	D-
77 - 80	C+	≤ 59	F

Homework: There will be homework assignments due each *Wednesday* at the beginning of class. These should be written up clearly and in detail. Discussion amongst students is encouraged, but students are expected to write up homework on their own. Offering and accepting solutions from others is an act of plagiarism. Looking up solutions online or in other sources is also an act of plagiarism. Your lowest homework grade will be dropped when calculating your final grade.

Quizzes and Exams: There will be three exams, each lasting the full class period, taking place on 2/10, 3/10, and 4/7. There will be nine quizzes, each lasting 15 minutes, taking place at the end of every *Friday* class period (except for the last day of class and days when there are exams). Each quiz will focus on the material covered the Monday and Wednesday of that week. Each exam is cumulative and will cover material up to and including the Wednesday of that week. There will be a cumulative final exam on May 4 from 6pm until 8pm. Your lowest quiz grade will be dropped when calculating your final grade.

Attendance and Absences: Students are expected to attend each class. It is the absentee's responsibility to get all missing notes and materials.