

Math 11-52366, Elementary Statistics

Reedley College

Spring 2019

Course Details

Instructor: Mr. Brad Deaver, brad.deaver@fresnocitycollege.edu

Classroom: CC1-200

Class Meets: T & Th 6:00 PM – 7:50 PM

Course Materials

Textbook: Elementary Statistics with MML (Ron Larson and Betsy Farber)

MML: My Math Lab is required. If it is not purchased by the end of week 1, you may be dropped from the class. The Course ID for this course is **deaver96246**. See the file named *MyLab Student Registration Instructions* for instructions on how to enroll in MyLab.

Course Description

Math 11 is an introduction to statistical methods and techniques for business, behavioral, and social science majors. Topics include descriptive measures of central tendency and variability, probability, binomial and normal distributions, random variables, sampling, estimating, hypothesis testing (parametric and nonparametric), correlation and regression.

Course Objectives

- A. Summarize and describe given data sets
- B. Apply the methods of descriptive statistics to determine the measures of central tendency and variability to a variety of problems.
- C. Apply basic principles of probability to determine probabilities of a variety of events.
- D. Analyze discrete and continuous probability distributions.
- E. Explore the basics of sampling theory.
- F. Estimate population parameters through studying confidence intervals.
- G. Examine hypothesis testing for small and large samples and multiple populations.
- H. Determine if a relationship exists between quantitative variables.

Course Policies

College policies on attendance, illness, dropping a class, honesty, cheating, and other related areas are to be found in the Reedley College Catalog.

Familiarize yourself with the material before coming to class so that the lecture fills in the gaps rather than seeing the material for the very first time.

Participate in class as much as possible. Asking questions, discussing the work and helping each other out is encouraged.

Please be prepared for class by having the necessary tools (e.g. text, writing utensil, paper, scientific calculator, and completed assignments)

Technology can be incredibly useful in helping to understand and solve problems but it can also be very distracting. Please use electronic devices responsibly and appropriately during class. Unless instructed otherwise, cell phone/tablets are not to be used during tests.

Grading:

Your grade will be calculated from two weighted categories, Homework and Tests/Quizzes. Your letter grade will be assigned according to the tables below.

Category	Weight
Tests/Quizzes	75%
Assignments	25%

Grade	Percentage
A	90% - 100%
B	80% - 89%
C	70% - 79%
D	60% - 69%
F	0% - 59%

Assignments:

Assignments may consist of in-class, out-of-class, paper-pencil, and online work.

Homework assignments will consist of mainly online exercises. Any paper/pencil assignments will generally be due on the next day the class meets. The online exercises are to be completed at the MyMathLab website by the due date indicated on the site.

LATE ASSIGNMENTS WILL ONLY BE ACCEPTED AT THE DISCRETION OF THE INSTRUCTOR.

Consistent and timely completion of the homework assignments is essential to your successful completion of this course.

Note: When working online, you do not need to complete an entire assignment in one session. You can stop anywhere in the assignment by hitting the 'Submit' icon and saving your work. You can then come back to it anytime before the deadline to finish.

Tests/Quizzes:

There will be a test at the completion of each chapter as well as a comprehensive final exam at the completion of the course. Mid-chapter and pop quizzes will also be part of this category. Unless otherwise instructed, all tests and quizzes are to be completed during class.

Accommodations:

If you have special needs that may require adjustments to classroom or testing situations, please contact Disabled Students Programs and Services. Then inform me of your approved accommodations. The DSP and S program is located in the New Administration building. You will need to provide written documentation of your disability. If you think you have a learning disability but are not sure, DSP and S may also be able to assist you. All information will be kept confidential.

Drop Deadlines:

- 1/25/2019 – last day to drop a full-term class for full refund
- 2/1/2019 – last day to drop a full-term class to avoid a "W" in person
- 2/3/2019 – last day to drop a full-term class to avoid a "W" on WebAdvisor
- 2/8/2019 – last day to change a Spring 2019 class to/from Pass/No-Pass grading basis
- 3/8/2019 – last day to drop a full-term class (letter grades assigned after this date)

Note:

The syllabus and assignment calendar for this course is subject to change at the discretion of the instructor. If so, it will be announced as soon as possible.

"Mathematics is the language with which God has written the universe" - Galileo Galilei (1564 - 1642)

Math 11-52366 Assignment Calendar, Reedley College, Spring 2019, (Instructor: B. Deaver)

- Dates and assignments subject to change.

	Monday	Tuesday	Wednesday	Thursday	Friday
January	14	15 Introductions 1.1	16	17 1.2 1.3	18
	21	22 2.1 2.2	23	24 2.3 2.4	25
	28	29 2.5 Review	30	31 Review Test 1-2	1
February	4	5 3.1 3.2	6	7 3.3 3.4	8
	11	12 4.1 4.2	13	14 4.3 Review	15
	18	19 Review Test 3-4	20	21 5.1 5.2	22
	25	26 5.3 5.4	27	28 5.5 6.1	1
March	4	5 6.2 6.3	6	7 6.4 Review	8
	11	12 Review Test 5-6	13	14 7.1 7.2	15
	18	19 7.3 7.4	20	21 7.5 8.1	22
	25	26 8.2 8.3	27	28 8.4 Review	29
April	1	2 Review Test 7-8	3	4 9.1 9.2	5
	8	9 9.3 9.4	10	11 Review Test 9	12
	<i>15 Spring Break</i>	<i>16 Spring Break</i>	<i>17 Spring Break</i>	<i>18 Spring Break</i>	<i>19 Spring Break</i>
	22	23 10.1 10.2	24	25 10.3 10.4	26
May	29	30 Review Test 10	1	2 11.1 11.2	3
	6	7 11.3 11.4	8	9 Review Test 11	10
	13	14 Review Project?	15	16 Review Project?	17
	20	21 Review Project?	22	23 Final Exam	24

* Dates and assignments subject to change as deemed necessary by instructor.