

## Course Information

Semester & Year: Spring 2020
Course ID & Section #: Math 15 – Section E7457
Instructor's name: Anya Savage
Day/Time: Tues/Thurs/Fri 2:50-4:05
Location: Eureka Campus SC210
Number of units: 4

## Instructor Contact Information

Office location: Office Hours in SC212
Office hours: Wed 11:55-1:25, Fri 2:05-2:35
Phone number:
Email address: Anya-Savage@redwoods.edu

## Required Materials

Textbook Title: Elementary Statistics
Edition: 13th
Author: Triola
ISBN: 978-0134462455
Other requirements: Graphing calculator required, TI-83 or TI-84 graphing calculator recommended

## Catalog Description

An introduction to basic concepts of descriptive and inferential statistics, with emphasis on the meaning and use of statistical significance. Students will use probability techniques to make decisions via hypothesis testing and will estimate parameters using confidence intervals. The course includes applications from a variety of technical and social science fields. Note: A TI-83 or TI-84 graphing calculator is required
Grading options: Letter grade options

## Course Student Learning Outcomes

1. Accurately communicate statistical ideas using correct statistical notation, graphs, and vocabulary.
2. Use descriptive and inferential statistics to better understand real-world problems.
3. Demonstrate appropriate use of technology in making decisions based upon real-world data.
4. Read and interpret information that contains statistical analysis and be able to communicate these results.
5. Judge the validity of research reported in the mass media and peer reviewed journals.

## **Required Materials and Supplies**

**Text:** Elementary Statistics, 13<sup>th</sup> edition, by Mario F. Triola

ISBN: 978-0134462455

You have a variety of options for acquiring the text in addition to the campus bookstore. You can rent or buy a used hard copy of the text inexpensively at online retailers such as amazon.com. You can also buy or rent a digital copy of the text online (the publishers website – Pearson.com – is one option, although there are others). You do not need any online codes or special software, only the text itself. There is also one text available for 2-hour reserve in the library.

**Graphing calculator:** A graphing calculator is required, TI-83 or TI-84 recommended. Graphing calculators are available to rent for \$15 a semester (see Emily Chang in the Math Lab in the back of the LRC)

**Other materials:** In addition to the text and the calculator you will need graph paper, paper to take in class notes on, pencils, erasers, a straight edge, and a binder or notebook to organize classwork, notes, etc.

## **Homework**

Homework will be assigned almost every day, and will generally be due the next class session. Late or illegible homework will not be accepted. To receive full credit, homework must:

- have your name in the upper right hand corner, and the section and problem numbers on the first line
- be stapled
- be in pencil
- be correct and complete (The answers to the odd problems are in the back of the book. Check your work! It is your responsibility to check your work and get help if or when you have questions.)
- show all work and follow examples done in class
- be neat, with all problems clearly labeled

Homework is the way most of us learn math, so it is important that it is done regularly. While everyone must turn in their own work, please work together if you find it helpful. Homework will be turned in with daily quizzes.

## **Daily Quizzes**

Daily quizzes will be given almost every class session. These will be relatively short open note, open homework quizzes. You may only use your own homework and notes unless otherwise stated by the instructor. There will be no makeup homework quizzes. The three lowest daily quiz grades will be dropped.

## **Exams**

There will be five in class exams and one final. All are weighted equally. For the most part, these are closed book, closed note exams, although you will be able to use your graphing calculator. There will be no makeup exams. However, if you know you will need to miss an exam, please let me know well ahead of time, and it may be possible to arrange an alternate time to take it. Please note: the final must be taken at the college designated time during finals week. If you miss an exam due to a documentable emergency (serious illness, car accident, etc.) please contact me as soon as possible to make alternative arrangements. If it will benefit you (increase your grade) your lowest exam grade will be replaced with your final exam score. Otherwise, exam scores will remain the same.

## Activities

We will have activities in and out of class time. Since activities usually require collaborative work, they must be completed in class. In class activities generally cannot be made up.

## Grading

Your grade will be based on the following percentages:

Exams	70%
Homework/Daily Quizzes/Activities	30%

## Grading Scale

A	93-100%
A-	90-92%
B+	88-89
B	83-87%
B-	80-82%
C+	78-79%
C	70-77%
D-F	<70%

## Important Spring 2020 Dates

- *Classes begin: 1/18/20*
- *Martin Luther King Jr. Day (all-college holiday): 1/20/20*
- *Last day to add a class: 1/24/20*
- *Last day to drop without a W and receive a refund: 1/31/20*
- *Census date: 2/3/20 or 20% into class duration*
- *Lincoln's Birthday (no classes): 2/14/20*
- *Last day to petition to file P/NP option: 2/14/20*
- *President's Day (all-college holiday): 2/17/20*
- *Last day to petition to graduate or apply for certificate: 3/05/20*
- *Spring break (no classes): 3/16/20-3/21/20*
- *Last day for student-initiated W (no refund): 4/3/20 – if it is your intention to drop, you must file the appropriate paperwork-do not assume that the instructor will drop you*
- *Last day for faculty initiated W (no refund): 4/3/20 – may be initiated if student has missed more than 6 class sessions*
- *Final examinations: 5/9/20-5/15/20*
- *Semester ends: 5/15/20*
- *Grades available for transcript release: approximately 6/1/20*

**\*\*\*\*\*Syllabus is subject to change\*\*\*\*\***