

## Course Information

Semester & Year: Fall 2020

Course ID & Section #: Math 15 – E9912

Instructor's name: Anya Savage

Day/Time of required ONLINE meetings: This course is delivered and taught 100% online; there are no in person (face to face) classroom meetings. Math 15S meets online synchronously.

If you are enrolled in this section of Math 15, you also must be enrolled in Math 15S -Support for Statistics. While Math 15 does not require any synchronous meetings (meeting as a class at the same time in an online environment such as a zoom meeting), Math 15S **DOES** require synchronous meetings. The Math 15S section associated with this class **meets online Monday, Wednesday and Friday from 1:05 pm-2:10 pm**. Please see the canvas page for Math 15S for more details on the synchronous meetings, or email or message me through canvas if you have any questions!

Math 15 and Math 15S share a canvas page and closely linked. However, they are separate courses with separate grading and requirements. Make sure you are staying up to date in both classes.

Course units: 4

## Instructor Contact Information

Online Office hours: M/W 2:15-3:15 pm (please check canvas for link to zoom office hours)

Email address: [anya-savage@redwoods.edu](mailto:anya-savage@redwoods.edu)

## Course Availability

The course will be available on CR's Canvas system beginning Saturday, 8/15/20. The only items that will be available for you to access on that date are the syllabus and other informational material. Starting on Saturday 8/22/20, you will be able to access instructional materials and complete assignments. On or after that date, you must login to Canvas at <https://redwoods.instructure.com> to enter our online classroom. If you are using a link from the CR website to access canvas, please note that this is a direct link to canvas, and may still work to access canvas even if the CR website is inaccessible.

## 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.

## Course Student Learning Outcomes *(from course outline of record)*

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.

## Prerequisites/co-requisites/ recommended preparation

Completion of Intermediate Algebra or appropriate placement based on AB 705 mandates. The MATH-15S support course is strongly recommended to take concurrently for students without previous mathematical experience in courses such as Algebra II or Pathway to Statistics.

## Accessibility

Students will have access to online course materials that comply with the Americans with Disabilities Act of 1990 (ADA), Section 508 of the Rehabilitation Act of 1973, and College of the Redwoods policies. Students who discover access issues with this class should contact the instructor.

College of the Redwoods is also committed to making reasonable accommodations for qualified students with disabilities. If you have a disability or believe you might benefit from disability-related services and accommodations, please contact your instructor or [Disability Services and Programs for Students](#) (DSPS). Students may make requests for alternative media by contacting DSPS based on their campus location:

- Eureka: 707-476-4280, student services building, 1<sup>st</sup> floor
- Del Norte: 707-465-2324, main building near library
- Klamath-Trinity: 530-625-4821 Ext 103

During COVID19, approved accommodations for distance education classes will be emailed to the instructor by DSPS. In the case of face to face instruction, please present your written accommodation request to your instructor at least one week before the first test so that necessary arrangements can be made. Last-minute arrangements or post-test adjustments cannot usually be accommodated.

## Support for online learners during COVID-19

In response to COVID-19, College of the Redwoods moved the majority of its courses online to protect health and safety. As the faculty and students adjust to this change, clear communication about student needs will help everyone be successful. Please let me know as soon as possible about any specific challenges or technology limitations that might affect your participation in class.

## Online learning requirement and student commitment

**Student Readiness:** Are you ready for online classes? Please take about 15 minutes to review what it means to take an online class by watching the [Introduction to Online Learning](#) presentation.

**Student Commitment:** Your commitment will require at least as much time as you dedicate to a traditional class. Because this is a 4 unit course, you should expect to spend approximately 12 hours per week on this course, and another 3 hours per week meeting for Math 15S).

You will need to:

- carefully read online materials textbook chapters
- participate in online activities and watch online videos
- participate in online discussions
- complete online quizzes and homework

Conscientiousness, attention to details, and skills in reading and writing are critical for success.

**Computer Skills:** Online courses require adequate computer skills. You must be able to:

- navigate the course Learning Management System (Canvas)
- receive and respond to your CR email
- download and upload files to the Canvas, and
- use a word processor (such as Microsoft Word)

It is your responsibility to meet the technological demands of the course.

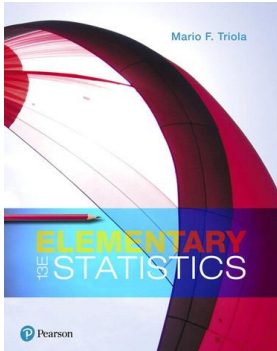
**Computer Requirements:** You should have high-speed internet (such as broadband) service from cable, DSL, or satellite providers as there are videos that require this speed. You need to have reliable access to the internet for the duration of the course. Anticipate problems with your computer and internet access (including power outages) by not waiting until the last minute to submit assignments. It is your responsibility to meet the class deadlines.

***Portable Devices vs. Computers:*** Although you can use late-model portable devices (such as Android or iOS phones & tablets) for some things, you should plan on doing the majority of your work (especially exams and assignments) from a reasonably late-model notebook or desktop computer (Mac or PC). *Do NOT plan to participate in this class solely from a portable device.* If you do decide to use your portable device for **some** of your class work, use the free Canvas app (called “Canvas by Instructure”) available in iTunes (for iOS) and the Google Play Store (for Android). Do not try to connect to Canvas using a web browser on a portable device. Your experience with Canvas will be a lot better using the app.

In addition to high speed internet, and a late-model computer, additional system requirements can be found at: [Additional System Requirements](#)

## Required Materials

**Textbook:** Elementary Statistics, 13<sup>th</sup> edition, by Triola, ISBN: 9780135900826



**\*\*\*YOU MUST PURCHASE THE ONLINE ACCESS CODE FOR THIS TEXT\*\*\***

The ISBN number above provides you with an access code to MyLab and Mastering for this course (you will access these materials through the canvas site for this class). Student support and help with registration for MyLab and Mastering can be found at [MyLab Student Support](#). Access provides you with an electronic copy of the text, homework, testing and review materials and StatCrunch, the technology application we will use in the course. It does not include a hard copy of the book.

There are a variety of online options for purchasing the access code if you choose not to go through the bookstore. You will also be prompted to buy/enter a code when you first log in to mylab and mastering through canvas. You will have access to the course materials right away if you select this option. If you choose a different option, please be VERY sure that it comes with the access code. Also be aware that some retailers will email the code so you can access it right away, and some may send the code through the mail. There are also different bundles, with different ISBN numbers that may include a hard copy of the text to rent or buy along with the access code. Again, just be sure that you are purchasing an access code. If you decide you would like a hard copy of the book after you purchase the electronic one, you can often find relatively inexpensive options for renting or buying just a hard copy of the text from online retailers.

(A personal note: I just took a class which required purchasing an access code for completing online activities/homework. I purchased the code through the prompts from canvas so I had immediate access to the course materials and wouldn't get behind. I also knew that I wanted hard copy of the text, so I looked around for an inexpensive option. I ended up borrowing the previous edition of the text which worked very well since not much had changed, and I had access to the current edition online if I needed it. However, not everyone needs or wants a hard copy, and some may not be comfortable taking a risk on a previous edition if they do want a hard copy. Please think about what your needs/wants as a student are when you are deciding how to access materials and where you will purchase them. The access code is all that is required, in addition to a scientific calculator.)

**Scientific Calculator:** A scientific calculator (a graphing calculator is NOT required, but will certainly work if you have one). If you do not already have one, a good scientific calculator can usually be purchased for less than \$10, or you may be able to find a free or inexpensive app for your computer or smart phone.

**Other Materials:** In addition to the text/access code and scientific calculator, you may also wish to have graph paper, paper to take in class notes on, pencils, erasers, a straight edge, and a binder or notebook to organize classwork, notes, etc.

## Course Format

Each week will usually begin with an announcement in canvas—an overview of what to expect for the week, important dates, etc. There may be additional announcements during the week as things come up. Please make sure you are reading announcements! You may miss important/helpful information if you do not. This course is divided up into modules, one module for each week. You can access the modules in canvas—there is a link entitled modules in the left hand menu once you are in the canvas page for this course. Modules run from Sunday at 11:59 to the following Sunday at 11:59. However, the first module opens on a Saturday (so is a day longer). Modules will typically cover 1-3 sections of the textbook (depending on the length of the section, exam schedule, etc.) and may consist of the following assignments/activities:

- Reading the text for each section, and taking a short reading quiz on each section (the text can be accessed electronically through MyLab and Mastering or hard copy, the quiz is in canvas.)
- Homework for each section (done online through MyLab and Mastering, or submitted as a discussion or assignment in canvas)
- Watching and responding to short videos/lectures
- Practice Exams and Exams (five exams, including a comprehensive final during finals week)

## Evaluation & Grading Policy

### Reading and Reading Quizzes

Reading from the text will be assigned each week. Each section of the text has an associated reading quiz to go along with it in canvas. These are short quizzes that you may take as many times as you would like until the due date. Your highest score is the one that will count.

### Homework

Homework will be assigned in MyLab and Mastering, or as a discussion or assignment in canvas. Please check the Modules in canvas so you can be sure you are completing all assignments and are up to date. Homework in MyLab and Mastering can be done as many times as you would like until the due date. For most problems MyLab provides many resources such as videos, worked examples, hints, and an “email my instructor” link. If you are having trouble accessing these resources please let me know.

### Practice Exams

Practice Exams will be assigned in MyLab and Mastering. In addition to being part of your grade, they are a great way to study and get prepared for the exams.

### Exams

There will be five exams, including a comprehensive final taken during finals week. All are weighted equally. 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. 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. The exams are not proctored. You will take them in the same way you do your other assignments. However, there will be a time limit to complete each exam once started, and there is no support or hints for exams.

In most cases, activities for each week will be available beginning Sunday at 11:59 pm, and due the following Sunday at 11:59 pm. For the most part, due dates are firm. Please do not wait until the last minute to complete your assignments! However, if for any reason you fall behind, or anticipate that you may fall behind, please contact me as soon as possible. If you contact me in a timely manner, in most cases we can find a solution to get you back on track or keep you current.

All activities in this class, including exams, are open book. You may use your text and notes. Except for group activities, you are expected to do your own work. On exams you may not consult anyone other than your instructor.

### Grading

Your grade will be based on the following percentages:

Reading Quizzes	10%
Homework	40%
Practice Exams	5%
Exams	45%

## Grading Scale

A	93-100%
A-	90-92%
B+	88-89%
B	83-87%
B-	80-86%
C+	78-79%
C	70-77%

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

## **Admissions deadlines & enrollment policies**

### Fall 2020 Dates

- *Classes begin: 8/22/20*
- *Last day to add a class: 8/28/20*
- *Last day to drop without a W and receive a refund: 9/4/20*
- *Labor Day (all-college holiday): 9/7/20*
- *Census date: 9/8/20 or 20% into class duration*
- *Last day to petition to file P/NP option: 9/18/20*
- *Last day to petition to graduate or apply for certificate: 10/29/20*
- *Last day for student-initiated W (no refund): 10/30/20 – 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): 10/30/20 – may be initiated if student has missed more than 2 weeks of class sessions*
- *Veteran's Day (all-college holiday): 11/11/20*
- *Fall break (no classes): 11/23/20-11/28/20*
- *Thanksgiving (all-college holiday): 11/25/20-11/27/20*
- *Final examinations: 12/12/20-12/18/20*
- *Semester ends: 12/18/20*
- *Grades available for transcript release: approximately 1/8/21*

Students who have experienced extenuating circumstances can complete & submit the ***Excused Withdrawal Petition*** to request an Excused Withdrawal (EW) grade instead of the current Withdrawal (W) or non-passing (D, F & NP) grades. The EW Petition is available from the Admissions and Records Forms Webpage. Supporting documentation is required.

## **Academic dishonesty**

In the academic community, the high value placed on truth implies a corresponding intolerance of scholastic dishonesty. In cases involving academic dishonesty, determination of the grade and of the student's status in the course is left primarily to the discretion of the faculty member. In such cases, where the instructor determines that a student has demonstrated academic dishonesty, the student may receive a failing grade for the assignment and/or exam and may be reported to the Chief Student Services Officer or designee. The Student Code of Conduct ([AP 5500](#)) is available on the College of the Redwoods website. Additional information about the rights and responsibilities of students, Board policies, and administrative procedures is located in the [College Catalog](#) and on the [College of the Redwoods website](#).

## Disruptive behavior

Student behavior or speech that disrupts the instructional setting will not be tolerated. Disruptive conduct may include, but is not limited to: unwarranted interruptions; failure to adhere to instructor's directions; vulgar or obscene language; slurs or other forms of intimidation; and physically or verbally abusive behavior. In such cases where the instructor determines that a student has disrupted the educational process, a disruptive student may be temporarily removed from class. In addition, the student may be reported to the Chief Student Services Officer or designee. The Student Code of Conduct ([AP 5500](#)) is available on the College of the Redwoods website. Additional information about the rights and responsibilities of students, Board policies, and administrative procedures is located in the [College Catalog](#) and on the [College of the Redwoods website](#).

## Inclusive Language in the Classroom

College of the Redwoods aspires to create a learning environment in which all people feel comfortable in contributing their perspectives to classroom discussions. It therefore encourages instructors and students to use language that is inclusive and respectful.

## Setting Your Preferred Name in Canvas

Students have the ability to have an alternate first name and pronouns to appear in Canvas. Contact [Admissions & Records](#) to request a change to your preferred first name and pronoun. Your Preferred Name will only be listed in Canvas. It does not change your legal name in our records. See the [Student Information Update form](#).

## Canvas Information

If using Canvas, include navigation instructions, tech support information, what Canvas is used for, and your expectation for how regularly students should check Canvas for your class.

Log into Canvas at <https://redwoods.instructure.com>

Password is your 8 digit birth date

For tech help, email [its@redwoods.edu](mailto:its@redwoods.edu) or call 707-476-4160

Canvas Help for students: <https://www.redwoods.edu/online/Help-Student>

Canvas online orientation workshop: <https://www.redwoods.edu/online/Home/Student-Resources/Canvas-Resources>

## Community College Student Health and Wellness

Resources, tools, and trainings regarding health, mental health, wellness, basic needs and more designed for California community college students, faculty and staff are available on the California Community Colleges [Health & Wellness website](#).

[Wellness Central](#) is a free online health and wellness resource that is available 24/7 in your space at your pace.

Students seeking to request a counseling appointment for academic advising or general counseling can email [counseling@redwoods.edu](mailto:counseling@redwoods.edu).

## Emergency procedures / Everbridge

College of the Redwoods has implemented an emergency alert system called Everbridge. In the event of an emergency on campus you will receive an alert through your personal email and/or phones. Registration is not necessary in order to receive emergency alerts. Check to make sure your contact information is up-to-date by logging into WebAdvisor <https://webadvisor.redwoods.edu> and selecting 'Students' then 'Academic Profile' then 'Current Information Update.'



Please contact Public Safety at 707-476-4112 or [security@redwoods.edu](mailto:security@redwoods.edu) if you have any questions. For more information see the [Redwoods Public Safety Page](#).

In an emergency that requires an evacuation of the building anywhere in the District:

- Be aware of all marked exits from your area and building
- Once outside, move to the nearest evacuation point outside your building
- Keep streets and walkways clear for emergency vehicles and personnel

Do not leave campus, unless it has been deemed safe by the campus authorities.

## **Eureka Campus Emergency Procedures**

Please review the [campus emergency map](#) for evacuation sites, including the closest site to this classroom (posted by the exit of each room). For more information on Public Safety go to the [Redwoods Public Safety Page](#). It is the responsibility of College of the Redwoods to protect life and property from the effects of emergency situations within its own jurisdiction.

In the event of an emergency:

1. Evaluate the impact the emergency has on your activity/operation and take appropriate action.
2. Dial 911, to notify local agency support such as law enforcement or fire services.
3. Notify Public Safety 707-476-4111 and inform them of the situation, with as much relevant information as possible.
4. Public Safety shall relay threat information, warnings, and alerts through the Everbridge emergency alert system, Public address system, and when possible, updates on the college website, to ensure the school community is notified.
5. Follow established procedures for the specific emergency as outlined in the College of the Redwoods Emergency Procedure Booklet, (evacuation to a safe zone, shelter in place, lockdown, assist others if possible, cooperate with First Responders, etc.).
6. If safe to do so, notify key administrators, departments, and personnel.
7. Do not leave campus, unless it is necessary to preserve life and/or has been deemed safe by the person in command.

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