

Syllabus, Mathematics, SRJC

Math 15, Fall 2021

General Information:

Instructor: Jennifer Carlin-Goldberg

Office: Kunde Hall 229

Office Hours: MW 11:00 - Noon, Th 1-2:30 PM. Email appts. for other times available upon request.

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Personal Website: <http://www.santarosa.edu/~jcarlinggoldberg/>

Textbook and Other Required Material: Collaborative Statistics, 2nd edition, by Illowsky and Dean, on OpenStax. <https://cnx.org/contents/XgdE-Z55@40.9:LnCgyaMt@17/Preface>

Prerequisites: Completion of MATH 161 or higher.

Course Description: Exploration of concepts in statistics, descriptive statistics, probability theory, Central Limit Theorem, estimation of population parameters from a sample, hypothesis testing, correlation and linear regression, introduction to analysis of variance, and computer simulations.

Class Policies, Expectations, Requirements

- Students will use the Canvas course web site for the online homework, access to the reading, the video lectures, class and assignment schedule, exam review sheets, supplemental assignment instructions, submitting those assignments, and viewing grades. Classes will be conducted via Zoom.
- Attendance: We will be holding class at our scheduled time online via zoom. I will record every lecture and post in in Canvas both in case you miss a class and for your reference later. I will take attendance in each class by taking note of your name in the zoom meeting, so you do need to use your correct name in zoom. You get half credit for being in class and the other half credit for participating in the class, mostly through the group work, worksheets, and in class exit quizzes. Attendance and participation are worth 5% of your overall grade.

Students who fail to attend the first class meeting may be dropped by the instructor.

Instructors are required to drop all No-Show students immediately following the second class meeting. A No-Show is an enrolled student who has not attended any class meeting of the course or not completed any of the assignments in the first two weeks. If you fail to attend class several weeks in a row without contacting me about your absence, instructors can drop you from the course then as well.

Dropping the Class: If you decide to discontinue this course, it is your responsibility to officially drop it. A student may be dropped from any class when that student's absences exceed ten percent (10%) of the total hours of class time. It is strongly advised that if you need to miss more than one class/homework deadline in a row that you contact the instructor to avoid being dropped from the class.

- The homework is assigned, and submitted in Canvas. There will be NO extensions granted for any reason. I expect that you get to work on your assignments early and consistently, therefore, last minute disasters will not be grounds for assignment extensions! When the assignment is posted, download the assignment and you are allowed and encouraged to print out the assignment and work on the solutions away by hand and in study groups.

Then enter in your answers in the system when you are done. You only get one submission per problem, then you get a new version of the problem. If you get an unaccepted answer after several attempts, go seek help with the problem! All assignments will be due Mondays at 11:59 PM, a week after we cover the material in class.

The non-book homework assignments will generally have a 10% per day late penalty.

- You will need a TI calculator that does statistics (TI 83 Plus, 84). You will be using this calculator to assist you on your homework, quizzes and exams. You may not use a calculator that does symbolic logic on quizzes and exams (TI - 89). If you do not have a TI - 83 Plus or TI - 84, your calculator will need to be approved by me.
- Monday online class meetings are mandatory and I will record attendance. During the class meetings, there will be group activities. I will assign the groups and you will typically work on the activities before leaving the class meeting. I will drop two of the Attendance scores so if you have to miss a class or two, you won't need to worry about missing a those points.
- There will be 6 midterm exams and a final exam. The final exam is comprehensive. The exams are all scheduled and dates are posted. No make-up tests will be given.

You will need to be "in class" in order to take some of the exams. The other exams may be done anytime in a two day window. The exams are hour long exams but you are given extra time due to the unusual format. The exams will be 70-80 minutes long depending on the exam. Each exam will require an upload file where you provide the work for your answers and where you will provide additional answers as asked for in some of the problems. We will discuss this more as we get close to the first exam.

I will drop the lowest midterm exam score.

Grading policy

Approximate grade breakdown: 20% (Homework) + 5% (Online Class Meeting Participation) + 75% (6 Midterms and the Final exam) = 100%

Grades will be assigned as follows:

A 100 - 90% B 80 - 89% C 69 - 79% D 60 - 68% F 0 - 59%

Tutoring:

- **FREE Tutoring:** The Computer and Mathematics Lab is online! Santa Rosa Campus's Tutorial Center is also online. Find links to them in our canvas course. The Tutorial Center (first floor of library) and Petaluma Campus's Tutorial Center located in Kathleen Doyle Hall, 2nd Floor, Rm 247. For any student who has declared a Calculus based science major, you can join MESA, located in Bertolini, room 4832. Link to Website They have tutoring services and so much more!
- **Study Groups:** Not only can you help one another by working together, but it can be a lot of fun to discuss mathematics. Since I do not grade on a curve, there is no reason to compete with one another. Let me know if you need assistance setting up a study group - I would be happy to help.
- **Private Tutors:** The Math Department has a list of private tutors. This list can be found on the Math Department web site at mathematics.santarosa.edu/

Academic Integrity: Although students are encouraged to work together outside of class, students must do their own work on homework, quizzes, and exams. Students who cheat or assist other students in cheating will receive no credit (0%) on that assignment or test, will be suspended for two class meetings by the instructor, and may be referred to the Vice President of Student Services for discipline sanction in cases of egregious violation. A second offense will result in permanent dismissal from the class and an F in the course. Please read SRJCs policy/procedure on academic integrity at www.santarosa.edu/polman/3acadpro/3.11P.pdf.

Accommodating a Disability If you need disability-related accommodations for this class, such as a note taker, test-taking services, special furniture, etc., please provide the Authorization for Academic Accommodations (AAA letter) from the Disability Resources Department (DRD) to me as soon as possible. You may also speak with me privately during office hours about your accommodations. If you have not received authorization from DRD, it is recommended that you contact them directly. DRD is located in Analy Village on the Santa Rosa campus and 101 Jacobs Hall on the Petaluma Campus. I cannot give you accommodations if you are not registered with the DRD!

Classroom Etiquette and Expectations:

- I expect you to come to class with the tools you need: class workbook, pencil, eraser, calculator, and paper.
- Students are to act respectfully and pay attention while in class. The best way to learn is through participation, listening actively, and by being polite even when we disagree with another student's viewpoint.
- Cell phones, iPods, etc. are to be turned off. Please note that a cell phone/smart phone is NOT a calculator, you will not be able to use them at any time in class. During Exams, if your cell phone goes off, you are disrupting your classmates' concentration and I will take away your exam and ask you to leave. You will not be allowed to finish your exam later.
- Students are expected to arrive on time, stay the entire class period, and not put course materials away before I have concluded the lecture.
- Sharpen your pencils and use the restroom before class starts. Do not eat or drink distracting foods (such as crunchy chips) or put your head down on the desk and sleep during class.
- Since other students may find side conversations distracting, direct your questions to me, not to your neighbor.
- If you use a laptop or tablet computer for note taking, please sit in the front row with the sound off. You cannot do your homework, chat online, Facebook, Tweet, etc. during class.
- We will conduct ourselves in a manner that reflects our awareness of common standards of decency and the rights of others. All students are expected to know the Student Conduct Code, link found on the class's website for your reference, and adhere to it in this class. Students who violate the code more than once will be asked to leave the classroom and must schedule a meeting with me to explain to me why you should be allowed to return to class. Repeated offenses and we will refer to the Vice President of Student Services for discipline.

If you have any questions, please feel free to discuss them in class or during my office hours. I'll be glad to provide any help you need.

No Mathematicians were hurt in the making of this Syllabus