

## Spring 2020 Course Syllabus

### Math 15 Elementary Statistics

Section #4621, MW 1:00-3:00PM , Kunde Hall 203

### Math 215 Stat Concurrent Support

Section #4672, MW 3:00-4:00PM , Kunde Hall 203

#### Instructor Information

Instructor: Cortney Schultz

Office location: Kunde Hall 219

Office hours: MW 4:00-4:30PM & 5:30-6:00PM

TTH 4:30-5:30PM & 8:00-8:30PM

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Website: <https://profiles.santarosa.edu/cortney-schultz>

**Prerequisite/Corequisite:** Completion of MATH 161 OR MATH 156 OR MATH 154 OR MATH 155 or appropriate placement based on AB 705 mandates.

The section #4621 of Elementary Statistics is linked to a Continued Support Course, Math 215, section #4672. You will be automatically enrolled in both sections.

Note that if you drop one section, you will automatically be dropped from the other.

**Math 15 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.

**Math 215 Course Description:** A review of the core prerequisite skills, competencies, and concepts needed in statistics. Intended for students who are concurrently enrolled in (MATH 15) Elementary Statistics. Topics include concepts from arithmetic, pre-algebra, elementary and intermediate algebra, and descriptive statistics that are needed to understand the basics of college-level statistics. Additional emphasis is placed on solving and graphing linear equations and modeling with linear functions.

**Student Learning Outcomes:** Here is the link for Math 15 course outline at SRJC.

[https://portal.santarosa.edu/srweb/SR\\_CourseOutlines.aspx?CVID=48790&Semester=20195](https://portal.santarosa.edu/srweb/SR_CourseOutlines.aspx?CVID=48790&Semester=20195)

Here is the link for Math 215 course outline at SRJC.

[https://portal.santarosa.edu/srweb/SR\\_CourseOutlines.aspx?CVID=48774&Semester=20195](https://portal.santarosa.edu/srweb/SR_CourseOutlines.aspx?CVID=48774&Semester=20195)

#### Grading for Math 15

Traditional grading scheme

		$A \geq 90$
Chapter Reviews	10%	$80 \leq B < 90$
Homework	10%	$70 \leq C < 80$
Exams (3 @ 20% each)	60%	$60 \leq D < 70$
<u>Comprehensive Final Exam</u>	<u>20%</u>	$F < 60$
	100%	

#### Grading for Math 215

Pass/No Pass

Exam Rewrites (3 @ 5% each)	15%	
In Class Assignments	15%	
Homework	30%	$PASS \geq 70$
Take-Home Quiz (3 @ 10% each)	30%	
<u>Take-Home Final Exam</u>	<u>10%</u>	$NO PASS < 70$
	100%	

## Required Course Materials

**Calculator:** A graphing calculator is required for this course. I recommend using a TI-83, 83+, 84, or 84+. I will be demonstrating on a TI-84+.

Graphing Calculators are available to check out at the Mahoney Library for FREE all semester with a student ID.

**Textbook:** *Elementary Statistics*, 3<sup>rd</sup> edition, by William Navidi and Barry Monk

**ConnectMath Online Homework:** Homework will be completed and submitted and graded online.

**Course Code:** 6WXAF-DAUH4

Here are three purchasing options:

Option #1: Purchase the hardback textbook and the ConnectMath access code (E-textbook included).

Option #2: Purchase the loose-leaf textbook and the ConnectMath access code (E-textbook included).

Option #3: Purchase only the ConnectMath access code (E-textbook included).

With the following access code, you will receive 2 weeks of temporary access.

Before the 2 weeks expire, you will be expected to purchase access to the course for the rest of the semester,

**Temporary Access Code:** AA809-DC84A-4D4C9-53F5B

## Exams

Three midterm exams and a comprehensive final exam will be given during the semester.

Make-ups are not given, and all exams must be taken on the scheduled dates.

If you miss an exam, contact me within 24 hours. If it is an excused absence, your final exam score will replace that missed midterm score.

## Chapter Review Assignments

If you are absent the day that a chapter review is handed out, email me and I will send you a copy of it.

If you are absent the day a chapter review is due, email me a picture of your assignment on the day it is due.

Late assignments will not be accepted.

## Homework Grading/Late Homework

Select homework sections will be due twice a week (generally Tuesdays and Thursdays).

You have 5 *attempts* at answering a homework question. If the first 2 attempts are incorrect, SEEK HELP.

If homework is not completed by the due date and time, you have until the day of the upcoming exam to complete the remaining problems for half-credit.

## Canvas

Throughout the course, I will be posting notes, handouts, chapter review keys, and exam keys on Canvas.

You may also keep up with your current grade by using Canvas.

## Attendance

Daily attendance is essential. You may be dropped from the course if you have more than 4 absences.

Arriving late or leaving class early may count as an absence.

## Class Behavior Rules

- Students are expected to act respectfully and pay attention while in class.
- Please arrive on time and stay for the entire class period.
- Cell phones are to be turned off or set to silent mode.
- Students are expected to read the textbook.
- Students are expected to be active participants in their education and do their best every day.

## Cheating/Plagiarism

Please read SRJC's policy/procedure on academic integrity at

<http://www.boarddocs.com/ca/santarosa/Board.nsf/goto?open&id=A63TMC78051C>

All quizzes & exams (including the final) must be done by the student alone. Any student who violates this rule will receive a zero. A student who commits a second offense may receive a failing grade in the class.

## Important Academic Calendar Dates

January 13 <sup>th</sup>	Classes begin
January 26 <sup>th</sup>	Last day to drop a class and receive a refund
February 2 <sup>nd</sup>	Last day to drop a class without a "W" symbol
<b>April 19<sup>th</sup></b>	<b>Last day to drop a class with "W" symbol</b>
<b>Wednesday, May 20<sup>th</sup></b>	<b>Final Exam (10AM-12:45PM)</b>

## Accommodations for Disabilities

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.

## Emergency Evacuation

In the event of an emergency during class that requires evacuation of the building, please leave the class immediately and calmly. If you are a student who may need assistance in an evacuation, please see me as soon as possible to discuss an evacuation plan.

**Tutoring:** Free tutoring is available to all registered SRJC students.

- Tutorial Center  
Located in the Frank P. Doyle Library, First Floor, Rm 4251  
Fall & Spring Semesters: Mon–Thurs 8am-7pm / Fri 8am-3pm
- Math Lab  
Located in Kunde Hall, Room 153  
Fall & Spring Semesters: Mon-Thurs 7:30am-6:30pm / Fri 10:30am-1:30pm

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY
Week 1 Jan 13 - 16	<i>Syllabus/Intro and 1.2</i>		1.1 and 1.3	
Week 2 Jan 20 - 23	NO CLASS	NO CLASS	1.4 and 2.1	
Week 3 Jan 27 - 30	2.2		2.3 and 2.4	
Week 4 Feb 3 - 6	3.1 and 3.2		3.2 and 3.3 Math 215 - Quiz #1	
Week 5 Feb 10 - 13	4.1 and 4.2		catch-up day	NO CLASS
Week 6 Feb 17 - 20	NO CLASS		Exam 1	
Week 7 Feb 24 - 27	5.1 and 5.2		5.2 and 5.3	
Week 8 Mar 2 - 5	6.1 and 6.2		6.2 and 7.1 Math 215 - Quiz #2	
Week 9 Mar 9 - 12	7.1 and 7.2		7.3 and 7.4 (sampling distribution only)	
Mar 16 - 19	SPRING BREAK			
Week 10 Mar 23 - 26	catch-up day		Exam 2	
Week 11 Mar 30 - Apr 2	8.1		8.2 and 8.3	
Week 12 Apr 6 - 9	9.1		9.2	
Week 13 Apr 13 - 16	9.3 and 9.4		9.5 and 9.6 Math 215 - Quiz #3	
Week 14 Apr 20 - 23	11.1 and 11.2		11.3	
Week 15 Apr 27 - 30	catch-up day		Exam 3	
Week 16 May 4 - 7	12.1		12.2	
Week 17 May 11 - 14	14.1 Math 215 - Take Home Final		Final Exam Review	
Finals Week May 18 - 21	Final Exam: Wednesday, May 20th (10AM-12:45PM)			

Note: Schedule is subject to change throughout the semester