

Course Syllabus  
Math 15 Elementary Statistics , Fall 2019  
Section #1652 , MW 3:00 – 5:00PM , Kunde Hall 204  
Instructor: Cortney Schultz

### Instructor Information

Office location: Kunde Hall 219  
Office hours: MW 2:30-3:00PM , MW 5:00-6:00PM , TTH 2:00-3:00PM  
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**Prerequisite:** Completion of MATH 161 OR MATH 156 OR MATH 154 OR MATH 155 or appropriate placement based on AB 705 mandates

**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.

**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)

### 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, A Step by Step Approach*, 8<sup>th</sup> Edition, by Allan Bluman.

<b>Grading</b>	Quizzes (3 @ 2% each)	6%	$A \geq 90$
	Project	4%	$80 \leq B < 90$
	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%	

Example: Mr. Chong's quiz average is 82.1%. He received a 80% on his final project. His homework average is 97%. His midterm average is 77% and his final exam score is 75%.  
His course average is then  $82.1 \cdot 0.06 + 80 \cdot 0.04 + 97 \cdot 0.10 + 77 \cdot 0.60 + 75 \cdot 0.20 = 79.0$  , earning him a C in the class.

### 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.  
If you take all three midterms and have excellent attendance (at most 4 absences or tardies), then your lowest midterm score will be replaced by the final exam.

## Quizzes

Three take-home quizzes will be given during the semester.

If you are absent the day that a take-home quiz is handed out, email me and I will send you a copy of the quiz. If you are absent the day a take-home quiz is due, email me a picture of your quiz on the day it is due. Late take-home quizzes will not be accepted.

## Homework Grading/Late Homework

Homework must be done neatly. I will grade the homework on completeness of assignment AND for correctness on selected problems. I will not grade homework that is illegible or difficult to follow.

Late homework that is turned in at the next class meeting will receive half credit.

No credit for homework turned in after that.

## Canvas

Throughout the course, I will be posting notes, handouts, quiz 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 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.

## Important Academic Calendar Dates

August 19 <sup>th</sup>	Classes begin
September 1 <sup>st</sup>	Last day to drop a class and receive a refund
September 8 <sup>th</sup>	Last day to drop a class without a "W" symbol
<b>November 17<sup>th</sup></b>	<b>Last day to drop a class with "W" symbol</b>
December 16 <sup>th</sup>	Final Exam (1-3:45PM)

## 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.

## 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.

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY
Week 1 Aug 19 - Aug 22	<i>Introduction and Syllabus</i> <b>Chapter 1</b>		<b>Chapter 1</b>	
Week 2 Aug 26 - Aug 29	<b>2.1 and 2.2</b>		<b>2.3 and 3.1</b>	
Week 3 Sep 2 - Sep 5	<b>No Class</b>		<b>3.2 and 3.3</b>	
Week 4 Sep 9 - Sep 12	<b>3.4 and 4.1</b>		<b>4.2 and 4.3</b> Take Home Quiz #1 (due Monday)	
Week 5 Sep 16 - Sep 19	<b>4.3 and 4.4</b>		<b>4.5 and Catch-up Day</b>	
Week 6 Sep 23 - Sep 26	<b>EXAM 1</b>		<b>4.5 and 5.1</b>	
Week 7 Sep 30 - Oct 3	<b>5.2 and 5.3</b>		<b>5.4 and 6.1</b>	
Week 8 Oct 7 - Oct 10	<b>6.1 and 6.2</b>		<b>6.3 and 7.1</b>	
Week 9 Oct 14 - Oct 17	<b>7.1 and 7.2</b>		<b>7.2 and 7.3</b> Take Home Quiz #2 (due Monday)	
Week 10 Oct 21 - Oct 24	<b>7.4 and 8.1</b>		<b>8.1 and Catch-up Day</b>	
Week 11 Oct 28 - Oct 31	<b>EXAM 2</b>		<b>8.2 and 8.3</b>	
Week 12 Nov 4 - Nov 7	<b>8.3 and 8.4</b>		<b>8.5 and 9.1</b>	
Week 13 Nov 11 - Nov 14	<b>No Class</b>	<b>No Class</b>	<b>9.2 and 9.3</b>	
Week 14 Nov 18 - Nov 21	<b>9.4 and 9.5</b>		<b>10.1</b> Take Home Quiz #3 (due Monday)	
Week 15 Nov 25 - Nov 28	<b>10.2 and 10.3</b>		<b>10.3 and 11.1</b>	<b>No Class</b>
Week 16 Dec 2 - Dec 5	<b>11.2 and Catch-Up Day</b>		<b>EXAM 3</b>	
Week 17 Dec 9 - Dec 12	<b>12.1 and Catch-Up Day</b>		<i>Final Exam Review</i>	
Finals Week Dec 16 - Dec 19	<b>FINAL EXAM: Monday, December 16th (1-3:45PM)</b>			

Note: Schedule is subject to change throughout the semester