

Fall 2019 Course Syllabus

Math 15 Elementary Statistics

Section #2305, TTH 3:00 – 5:00PM, Kunde Hall 203

Math 215 Stat Concurrent Support

Section #2316, TTH 5:00 – 6:00PM, Kunde Hall 203

Instructor Information

Instructor: Cortney Schultz

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

The section #2305 of Elementary Statistics is linked to a Continued Support Course, Math 215, section #2316. 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

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

https://portal.santarosa.edu/srweb/SR_CourseOutlines.aspx?CVID=48774&Semester=20195

Grading for Math 15

Traditional grading scheme

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%	

Grading for Math 215

Pass/No Pass

Homework	60%	$PASS \geq 70$
Exams (3 @ 10% each)	30%	
<u>Comprehensive 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, A Step by Step Approach*, 8th Edition, by Allan Bluman.

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.

Core prerequisite skills, competencies, and concepts taught in the concurrent 215 course will be incorporated into each of the 3 exams and the final. These specific skills will be assessed separately as part of your 215 grade.

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 th	Classes begin
September 1 st	Last day to drop a class and receive a refund
September 8 th	Last day to drop a class without a "W" symbol
November 17th	Last day to drop a class with "W" symbol
December 17 th	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> Chapter 1		Chapter 1
Week 2 Aug 26 - Aug 29		2.1 and 2.2		2.3 and 3.1
Week 3 Sep 2 - Sep 5	No Class	3.2 and 3.3		3.4 and 4.1 Take Home Quiz #1 (due Monday)
Week 4 Sep 9 - Sep 12		4.2 and 4.3		4.3 and 4.4
Week 5 Sep 16 - Sep 19		4.5 and Catch-up Day		EXAM 1
Week 6 Sep 23 - Sep 26		4.5 and 5.1		5.2 and 5.3
Week 7 Sep 30 - Oct 3		5.4 and 6.1		6.1 and 6.2
Week 8 Oct 7 - Oct 10		6.3 and 7.1		7.1 and 7.2 Take Home Quiz #2 (due Monday)
Week 9 Oct 14 - Oct 17		7.2 and 7.3		7.4 and 8.1
Week 10 Oct 21 - Oct 24		8.1 and Catch-up Day		EXAM 2
Week 11 Oct 28 - Oct 31		8.2 and 8.3		8.3 and 8.4
Week 12 Nov 4 - Nov 7		8.5 and 9.1		9.2 and 9.3

Week 13 Nov 11 - Nov 14	No Class	No Class		9.4 and 9.5 Take Home Quiz #3 (due Monday)
Week 14 Nov 18 - Nov 21		10.1		10.2 and 10.3
Week 15 Nov 25 - Nov 28		10.3 and 11.1		No Class
Week 16 Dec 2 - Dec 5		11.2 and <i>Catch-Up Day</i>		EXAM 3
Week 17 Dec 9 - Dec 12		12.1 and <i>Catch-Up Day</i>		<i>Final Exam Review</i>
Finals Week Dec 16 - Dec 19	FINAL EXAM: Tuesday, December 17th (1-3:45PM)			

Note: Schedule is subject to change throughout the semester