Course Syllabus – Spring 2026
Stat C1000 Elem Statistics Section#7225 M&W 1:30-3:30PM in Lindley 261

Instructor Information
Instructor: Cortney Schultz Office location: Kunde Hall 219
Email: cschultz@santarosa.edu Phone: (707) 527–4705

Office Hours: All office hours are in person.
Monday & Wednesday: 12:30-1:30PM (Kunde 219) and 3:30-4:30PM (Lindley 261)
Tuesday & Thursday: 12:30-1:30PM (Kunde 219)
You may schedule an appointment if you have a schedule conflict with the times listed above

Email Expectations: The best way to contact Prof. Schultz is by email cschultz@santarosa.edu or by sending a message through Canvas. During the week, you can expect an email response within 24 hours. You may get a response sooner, but there is no guarantee. If you email Prof. Schultz during the weekend, you can expect a response on Monday.

Grading for Math 15
Traditional grading scheme

Stats R Projects	15%	$A \geq 90$
Homework	10%	$80 \leq B < 90$
Exams (3 @ 20% each)	60%	$70 \leq C < 80$
Comprehensive Final Exam	15%	$60 \leq D < 70$
	100%	$F < 60$

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 Doyle Library for FREE all semester with a student ID.

Textbook: *Elementary Statistics, 4th* edition, by William Navidi and Barry Monk
Purchasing options:
- Option #1: Purchase/Rent the hardback textbook (ISBN13: 9781260727876)
- Option #2: Purchase/Rent the loose-leaf textbook (ISBN13: 9781264136407)
- Option #3: Rent the e-textbook (ISBN13: 9781264867455)

If you are unable to acquire the 4th edition, you may use the 3rd edition as well.
(Note, the 2nd edition of the textbook will not work for this class)

STAT C1000 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.

Prerequisites/Corequisites: Completion of MATH 161 OR MATH 156 OR MATH 154 OR MATH 155 or AB705 placement into Math Tier 1 or higher

Student Learning Outcomes: Here is the link for STAT C1000 course outline at SRJC.
At the conclusion of this course, the student should be able to:
1. Use numerical and graphical methods to summarize, display, and interpret data sets.
2. Estimate population parameters from sample statistics.
3. Perform one and two sample hypothesis tests for population means and proportions.

Exams

Three midterm exams and a comprehensive final exam will be given IN PERSON during the semester. Make-ups are not given, and all exams must be taken on the scheduled dates.

If you miss an exam, you must contact Prof. Schults within 24 hours. If it is an excused absence, your final exam score will replace that missed midterm score. If you do not have a valid reason for your absence or you do not contact Prof. Schultz within 24 hours, you will receive a zero as an exam score.

Stats Project

You will complete multiple statistics projects throughout the semester.

These projects will be completed using R, which is a statistical software used by statisticians, scientists, economists, and more. This project is meant to give you hands-on experience with collecting, analyzing, and presenting data as well as a little bit of coding.

Homework

You will be completing homework in this class the old-fashioned way.
Problem sets and due dates will be assigned weekly and it is your responsibility to record that information and submit your homework on time.

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 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 ask questions.
- Students are expected to be active participants in their education and do their best every day.

Important Academic Calendar Dates

- Monday, January 12th — Spring semester begins
- Sunday, January 25th — Last day to drop a class and receive a refund
- Sunday, February 1st — Last day to drop a class without a "W" symbol
- **Sunday, April 19th — Last day to drop a class with a "W" symbol**
- **STAT C1000 FINAL EXAM: Wednesday, May 20 (1:00 – 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 and may be reported to academic affairs for their offense. 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.

- **SRJC Tutorial Centers** can be accessed through the website: https://college-skills.santarosa.edu/srjc-tutorial-centers
- **Math Lab Tutorial Center**: https://mathematics.santarosa.edu/online-math-lab-tutoring

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY
	1:30 PM - 3:30 PM		1:30 PM - 3:30 PM	
Week 1 Jan 12 - 15	*Syllabus/Intro* 1.1 Sampling		1.1 Sampling 1.2 Types of Data	
Week 2 Jan 19 - 22	**Dr. Martin Luther King Jr. Day (No Classes)**		1.3 Design of Experiments 1.4 Bias in Studies	
Week 3 Jan 26 - 29	2.1 Graphical Summaries for Qualitative Data 2.2 Graphical Summaries for Quantitative Data		2.2 Graphical Summaries for Quantitative Data CALCULATOR BOOTCAMP	
Week 4 Feb 2 - 5	3.1 Measures of Center (mean, median, mode)		3.2 Measures of Spread (Empirical Rule, Chebyshev's Inequality)	
Week 5 Feb 9 - 12	2.3 More Graphs for Quantitative Data 2.4 Graphs Can Be Misleading		**EXAM 1**	**SRJC PDA DAY (No Classes)**
Week 6 Feb 16 - 19	**WASHINGTON'S DAY (No Classes)**		3.3 Measure of Position	
Week 7 Feb 23 - 26	4.1 Correlation 4.2 Least-Squares Regression Line		4.2 Least-Squares Regression Line 5.1 Basic Concepts of Probability	
Week 8 Mar 2 - 5	5.2 Additional Rule and Rule of Complements 5.3 Conditional Probability and the Multiplication Rule		5.3 Conditional Probability and the Multiplication Rule	
Week 9 Mar 9 - 12	6.1 Random Variables		6.2 Binomial Distribution	
Mar 16 - 19	**SPRING BREAK**			

Week 10 Mar 23 - 26	7.1 Standard Normal Curve 7.2 Applications of Normal Distribution		**EXAM 2**	
Week 11 Mar 30 - Apr 2	7.3 Sampling Distribution and Central Limit Theorem	**CESAR CHAVEZ/DOLORES HUERTA DAY (No Classes)**	7.4 The Central Limit Theorem for Proportions	
Week 12 Apr 6 - 9	8.1 Confidence Intervals Pop. Mean w/ Pop. SD known		8.2 Confidence Intervals Pop. Mean w/ Pop. SD unknown	
Week 13 Apr 13 - 16	8.3 Confidence Intervals Pop. Proportion		9.1 Basic Principles of Hypothesis Testing 9.2 Hypothesis Testing Mean (sigma given)	
Week 14 Apr 20 - 23	9.3 Hypothesis Testing Mean (s given) 9.4 Hypothesis Tests for Proportions		11.1 Hypothesis Tests for the Difference Between 2 Means - Independent Samples	
Week 15 Apr 27 - 30	**EXAM 3**		11.2 Hypothesis Tests for the Difference Between Proportions	
Week 16 May 4 - 7	11.3 Hypothesis Tests for the Difference Between 2 Means - Dependent Samples		12.1 Testing Goodness of Fit 12.2 Testing for Independence	
Week 17 May 11 - 14	14.1 One-Way Analysis of Variance		*Final Exam Review*	
Finals Week May 18 - 21	**STAT C1000 FINAL EXAM: Wednesday, May 20 (1:00 PM - 3:45 PM)**			

Calendar is subject to change throughout the semester