

MATH 219 and SOCS 219—STATISTICS AND PROBABILITY—Spring 2012

Santiago Canyon College

Division: Library and Business, Math and Science

TTh 7:30-10:00am

Ticket # 54520 (Math)/ 54137(SOCS)

SCC U-102

Instructor: Dr. Joyce Wagner

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Phone: 714-628-4926

Office Hours: MTWTH: 10:00-10:30 and 12:35-1:20 (U-84); MW 1:30-4:00 (MaSH)

Office: SCC U-84

Prerequisites: Math 080 with a grade of C or better or equivalent skills as measured by the Math Level 3 exam and a course equivalent to Math 080.

Textbook: Statistics: Informed Decisions using Data, 3rd edition, Sullivan III

Student Learning Outcomes:

1. To read and critically analyze the validity of a statistical statement by considering how the data was obtained and the appropriateness of the statistical methods used.
2. Know how to collect data from a population and represent it in an organized and visual manner
3. To read and interpret data represented in a chart or graph

Attendance: Attendance is very important. You are responsible for any announcements I make in class, including any changes to the schedule. A student may be dropped for excessive absences (10% or more of the classes). If you decide to drop this class, it is your responsibility to drop officially. See the schedule for the relevant dates.

Student Conduct: All students are responsible for maintaining appropriate conduct while enrolled in classes through the Rancho Santiago Community College District (RSCCD). Guidelines for student conduct are set forth in the RSCCD “Standards of Student Conduct” policy. Detailed information regarding student discipline and rights within this policy is available in the college catalog and student handbook. Students who violate the Standards of Conduct are subject to disciplinary action which includes, but is not limited to, removal from class, suspension and expulsion. Unacceptable behaviors include, but are not limited to, excessive talking, cell-phone or other electronic use and disrespect to instructor or other students

Homework: Homework will be assigned and collected the next class period. It will be graded according to completeness and correctness on a scale of 0 to 2.5 points. Late homework will be penalized 1/2 point for each class it is late. You can expect to spend 3-4 hours on each assignment. It is necessary that you spend this time in order to really understand the material. Homework that does not have enough work shown will receive 0 points.

Quizzes: Quizzes will be given during the session each worth 5 points for a total of 100 points. There will no make-up quizzes. Students leaving class early may be penalized 2 points on that quiz

Projects: There will be several projects to be completed outside of class. More information will be given later. The projects will be worth a total of 50 points

Tests: There will be 4 tests given throughout the session, each worth 100 points. The tentative dates are on the schedule. There will be no guarantee of make-up exams. The final exam will be comprehensive and must be taken in order to pass this class.

Student Honesty: You are expected to do your own work on tests and quizzes. The use of all electronic devices (i.e. cellular phones, pagers, electronic dictionaries/translators, Palm Pilots, etc.) other than approved calculators is prohibited. If it appears that you are looking at another student’s test, helping someone during a test, or using a cheating device, you may receive a zero on the test and be brought up before the Dean of Students. You may not share supplies during a test and you must show all your work to receive full credit for a problem.

Accommodations for Disabilities: Students with verifiable disabilities who want to request academic accommodations are responsible for notifying me and Disabled Students Programs and Service (DSPS) as early as possible in the semester. To arrange for accommodations, contact DSPS at (714) 628-4860, (714) 639-9742 (TTY) or stop by the DSPS Center in E-105.

Grades: Your grade will be decided as follows. I will consider grades that are close to the cutoffs on an individual basis to determine if a student might receive a higher grade.

Chapter Tests	400 points	90%-100%	A
Homework	50 points	80%-89%	B
Quizzes	100 points	70%-79%	C
Projects	50 points	60%-69%	D
Final Exam	<u>200 points</u>	below 60%	F
TOTAL	800 points		

Calculators: We will be using graphing calculators in this class. A TI-83 or TI-84 is recommended. Ask me if you wish to use a different calculator.

TENTATIVE HOMEWORK SCHEDULE FOR MATH 219

Homework is due the day after it is assigned

	Tuesday	Thursday
1/24	1.1 1—12 all, 13—59 odd 2.1 1—9 all, 11,13,15,17,29	1.2 1—19 all, 23 2.2 11—19 odd, 25,29,33 2.3 7,9,11,17,25
1/31	1.3 5,7,11,13,15 1.4 1—10 all, 11—29 odd 1.5 1—12 all, 13—33 odd	1.6 1—10 all, 13—33 odd 2.4 1—15 odd 3.1 1—7 all, 9—17 odd, 23,27,31
2/7	3.2 1—10 all, 11,17,21,22,27,35,37,41,44 3.3 1,3,5,7,11,12,21	3.4 2—8 all, 9—21 odd 3.5 1—11 odd, 15, 17
2/14	REVIEW	TEST #1
2/21	4.1 1,2,3,4,5,7,8,9—21 odd,37,39,41 4.2 2,3,6,7,8,17,23,31	4.3 1—22 all 4.4 5—13 odd
2/28	5.1 1—14 all, 15—47 odd, 55 5.2 1—29 odd, 37,41 5.3 1—31 odd	5.4 1—21 odd, 29,35 5.5 1—4 all, 31—65 odd 5.6 1—31 odd
3/6	6.1 1—35 odd 6.2 1—16 all, 35—51 odd	REVIEW
3/13	TEST #2	7.1 1—12 all, 17—30 all 7.2 2,4,5—49 odd
3/20	SPRING VACATION	
3/27	7.3 3,13—29 odd 8.1 1—10 all, 11—31 odd	8.2 1—6 all, 7—23 odd 9.1 1—6 all, 7—27 odd, 37,39,43,45,47
4/3	9.2 1—6 all, 7—29 odd 9.3 1—4 all, 5—33 odd	9.5 1,2,3—23 odd, SKIP #11 10.1 1,2,3,4,6,7,8, 9—37 odd
4/10	10.2 1—10 all, 11—35 odd 10.3 1—4 all, 5—27 odd	REVIEW
4/17	TEST #3	10.4 1,2,9—23 odd 10.6 1,2,3—21 odd SKIP #9 and #15
4/24	10.7 1—4 all, 13,15,17 11.1 1—12 all, 13,17,23	11.2 1,2,3,9,11,15,19,21 11.3 1—4 all, 5—23 odd, 31,33
5/1	11.5 1—4 all, 5, 9—23 odd 12.1 1—4 all, 11—23 odd	12.2 1,2,3,5,9,13,17 13.1 1—4 all, 5—15 odd
5/8	Chapter 15 REVIEW	TEST #4
5/15	Review	FINAL EXAM

IMPORTANT DATES:

February 5 Last day add a class and last day to drop with fee refund.
 February 24 Last day to file pass/no pass.
 April 22 Last day to drop the class with a “W” grade.

Math Study Hall (MaSH) U-80 Monday-Thursday 9:00-7:30, Friday-Saturday 9:00-3:00

To use the MaSH, you must register for Math 083L (53883). This is a 0.2 unit class that will cost \$7.20(resident) for the entire semester. Once registered, you can enter and exit the MaSH at any time during hours of operation. When you enter, you will slide your student ID card or just type in your student ID number at the MaSH sign in computer. When you leave, you will sign out the same way. Signing out is very important. You may lose the hours you put in if you do not sign in and sign out appropriately. **YOU MUST SPEND AT LEAST 9 HOURS IN THE MASH TO RECEIVE CREDIT FOR THE COURSE.**

Tutoring Center Hours (U-80) Monday-Thursday 9:00-7:00