Math 10 Course Syllabus
De Anza College
Spring 2019

Instructor: Usha Ganeshalingam   **Office:** S76B
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Office Hours: M,Tu,W,Th 8:50-9:30 am in S76B
                          Tu 12:30-1:10 pm in S76B

Course: Elementary Statistics and Probability; Math 10.10

Meets: M-F 11:30am -12:20pm in MLC108

Required Materials: Textbook, course packet (sold in De Anza bookstore), a graphing calculator (T1-83 plus or TI-84), pencil, eraser, stapler, and ruler. Bring these items to class daily.

Text: *Collaborative Statistics* 2nd edition, by Dean and Illowsky. The text is available for free download at `https://cnx.org/contents/XgdE-Z55@40.9:XgdE-Z55`. A hard copy of the text can also be purchased at the De Anza bookstore.

Course Packet: The De Anza bookstore sells a course packet for our course which consists of a workbook for note taking and labs that we will need throughout the quarter.

WebAssign: All homework will be done online using WebAssign. You will need to self-register at *www.webassign.net* to use this internet-based software. You will need the class key given below in order to self register.

class key: deanza 9229 1678

To continue using WebAssign past the two week grace period, you need to purchase online access for $27.95.

Attendance: You are expected to attend every lecture. You may be dropped from the class if you miss any classes during the first 2 weeks.

Standards of Work:

- When needed, correct answers must be supported by correct work in order to receive credit. Even if your final answer is correct, you may

lose credit if the instructor cannot read or understand your work, or if necessary steps are missing.

Students with Disabilities: If you feel that you may need accommodations due to a disability, you should contact me privately to speak about your needs. Also, please contact Disability Support Services (864-8753) for more information about eligibility, services, and accommodations.

Grading:

Exams	300 Points
Homework	110 Points
Quizzes	120 Points
Labs	80 Points
Final	120 Points
Total	**730 Points**

Grade Breakdown:

A+: 97-100%	B+:87-88%	C+: 77-78%	D: 62-66%
A: 92-96%	B: 82-86%	C: 69-76%	D-: 60-61%
A-: 89-91%	B-: 79-81%	D+: 67-68%	F: < 60%

Exams: There will be 3 in class exams. Each exam is worth 100 points. You may bring a 8.5×11 inch sheet of handwritten notes (both sides) to use during exams. No make-ups will be allowed. In the case of a documented emergency, I will replace a missing exam score with the corresponding portion of your final grade. See the course calendar for tentative exam dates.

Homework: Homework assignments will be submitted via WebAssign. Homework will be assigned for each chapter and must be completed by 11:30am on the due date. Tentative due dates are given on the course calendar. Check WebAssign regularly for exact homework due dates. There will be a total of 13 homework assignments, with each assignment worth 10 points, and your lowest 2 homework scores will be dropped. Most students will need more practice than just WebAssign homework. I suggest trying additional practice problems which are available in the textbook.

Quizzes: We will have 7 quizzes during the quarter. Each quiz is worth 20 points. You may bring a 8.5×11 inch sheet of handwritten notes (both sides) to use during quizzes. No make-ups will be allowed. If you know that

you will be absent, see me about taking the quiz earlier than scheduled. At the end of the quarter, your lowest quiz score will be dropped. See the course calendar for tentative quiz dates.

Labs: We will have 4 labs which make use of your TI graphing calculator and will be done in groups of up to 4 members. Each lab is worth 20 points. All labs must use the data shared in class. If you are not in class the day we start a lab, then 5 points will be deducted from your lab grade and you will be responsible for collecting your own data. No late labs will be accepted.

Final Exam: The final exam will be comprehensive and will be given on *Monday June* 24th from 11:30am-1:30 pm. You may bring two 8.5×11 inch sheets of handwritten notes (both sides) to use during the final.

Student Conduct: Cheating is forbidden. There shall be no talking to, or unauthorized helping of other students during any exam or quiz. You may not share calculators during exams or quizzes. All electronic devices other than a calculator must be put away during quizzes and exams. An exam or course grade of F may be given for any of the above infractions. Any student found cheating on an exam or quiz will not be allowed to retake that exam or quiz.

Classroom Behavior:
- Turn off and put away cell phones and other devices during class. Cell phones and other electronic devices should be put away for the entire class period.
- Students should not be engaged in private conversations while the instructor is lecturing.

Important Dates:
- The last day to add classes is Saturday, April 20th.
- The last day to drop for a full refund is Sunday, April 21st.
- The last day to drop classes with no record of a grade is Sunday, April 21st.
- The last day to drop with a "W" is Friday, May 31st.

Wk	Monday	Tuesday	Wednesday	Thursday	Friday
1	8-Apr *Introduction* *Ch 1*	9-Apr *Ch 1*	10-Apr *Ch 1*	11-Apr *Ch 1*	12-Apr *Ch 1*
2	15-Apr *Ch 2* ***Quiz: Ch 1*** *HW 1 due (covers Ch 1)*	16-Apr *Ch 2* *Start Lab 1(Ch 1)*	17-Apr *Ch 2*	18-Apr *Ch 2*	19-Apr *Ch 2*
3	22-Apr *Ch 2/3* *Lab 1 due*	23-Apr *Ch 3* ***Quiz: Ch 2*** *HW 2 due (covers Ch 2)*	24-Apr *Ch 3*	25-Apr *Ch 3*	26-Apr *Ch 3*
4	29-Apr *Ch 3*	30-Apr ***Exam 1: Ch 1-3*** *HW 3 due (covers Ch 3)*	1-May *Ch 4*	2-May *Ch 4*	3-May *Ch 4*
5	6-May *Ch 4* *Start Lab 2(Ch 4)*	7-May *Ch 5* ***Quiz: Ch 4*** *HW 4 due (covers Ch 4)*	8-May *Ch 5*	9-May *Ch 6*	10-May *Ch 6* *HW 5 due (covers Ch 5)*
6	13-May *Ch 6* *Lab 2 due*	14-May *Ch 7*	15-May *Ch 7* ***Quiz: Ch 5 & Ch 6*** *HW 6 due (covers Ch 6)*	16-May *Ch 7*	17-May *Ch 8*
7	20-May ***Exam 2: Ch 4,5,6,7*** *HW 7 due (covers Ch 7)*	21-May *Ch 8*	22-May *Ch 8*	23-May *Ch 8* *Start Lab 3 (Ch 8)*	24-May *Ch 9*
8	27-May ***Memorial Day*** ***No Class***	28-May *Ch 9*	29-May *Ch 9* ***Quiz: Ch 8*** *HW 8 due (covers Ch 8)*	30-May *Ch 9*	31-May *Ch 10* *Lab 3 due*
9	3-Jun *Ch 10* ***Quiz: Ch 9*** *HW 9 due (covers Ch 9)*	4-Jun *Ch 10*	5-Jun *Ch 10*	6-Jun *Ch 10/Ch 12*	7-Jun ***No Class***
10	10-Jun *Ch 12*	11-Jun ***Exam 3: Ch 8,9,10*** *HW 10 due (covers Ch 10)*	12-Jun *Ch 12*	13-Jun *Ch 12*	14-Jun *Ch 11* *Start Lab 4 (Ch 12)*
11	17-Jun *Ch 11* *HW 11 due (covers Ch 12)*	18-Jun *Ch 11*	19-Jun *Ch 13*	20-Jun *Ch 13* ***Quiz: Ch 11 and Ch 12*** *HW 12 due (covers Ch 11)*	21-Jun *Final Review* *Lab 4 due*
12	24-Jun *Final Exam* *HW 13 due (covers Ch 13)*	25-Jun	26-Jun	27-Jun	28-Jun

Student Learning Outcome(s):

*Organize, analyze, and utilize appropriate methods to draw conclusions based on sample data by constructing and/or evaluating tables, graphs, and numerical measures of characteristics of data.

*Identify, evaluate, interpret and describe data distributions through the study of sampling distributions and probability theory.

*Collect data, interpret, compose and defend conjectures, and communicate the results of random data using statistical analyses such as interval and point estimates, hypothesis tests, and regression analysis.