

Math 10 Course Syllabus
De Anza College
Spring 2015

Instructor: Usha Ganeshalingam **Office:** S76B
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Office Hrs: M,Th 12:30-1:20 pm
 Tu,F 12:30-1pm

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Course: Elementary Statistics and Probability; Math 10.MP2

Meets: M-F 10:30am -12:20pm in E33

Student Learning Outcomes:

- (1) 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.
- (2) Identify, evaluate, interpret and describe data distributions through the study of sampling distributions and probability theory.
- (3) 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.

Required Materials: Textbook, worksheet packet, a graphing calculator (TI-83 plus or TI-84), pencil, eraser, stapler, and ruler. Bring these items to class daily.

Text: *Introductory Statistics* by Illowsky and Dean. The text is available for free download at <http://openstaxcollege.org/textbooks/introductory-statistics>. A hard copy of the text can also be purchased at the De Anza bookstore.

Worksheet Packet: The De Anza bookstore sells a worksheet packet for our course which consists of in class worksheets and labs that we will need throughout the quarter.

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 and you may be dropped from the program if you are absent 5 times during the

quarter.

Standards of Work:

- Homework must be stapled and turned in as a single packet. Homework pages that are not stapled will not be graded and will receive no credit.
- 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	100 Points
Quizzes	105 Points
Labs	100 Points
Activities	45 – 60 Points
Final	120 Points
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Total	770-785 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 will be assigned for every chapter that we cover. There will be a total of 12 homework assignments, with each assignment

worth 10 points. Every student, only once during the quarter, may turn in their homework by the beginning of the next class. Other than that, no late homework will be accepted for any reason. At the end of the quarter, your 2 lowest homework scores will be dropped. See the course calendar for tentative homework due dates.

Quizzes: We will have 8 quizzes during the quarter. Each quiz is worth 15 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 5 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.

Activities: We will spend daily class time on worksheets which will count towards your activity score. If you are absent the day of a worksheet, you may not turn in the worksheet in for credit.

Final Exam: The final exam will be comprehensive and will be given on *Thursday June 25th* from 9:15-11:15 am. You may bring 2 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.

Students not following these rules or who are disrupting class may be asked to leave or may be dropped from the program.

Important Dates:

- The last day to add classes is Saturday, April 18th.
- The last day to drop for a full refund is Sunday, April 19th.
- The last day to drop classes with no record of a grade is Sunday, April 19th.
- The last day to drop with a "W" is Friday, May 29th.

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