

Math 10 Course Syllabus
De Anza College
Fall 2021

Instructor: Usha Ganeshalingam

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Office Hours: Monday-Thursday 12:30-1:20pm. Please email me to set up a Zoom appointment.

Required Materials: Textbook, course notes packet, worksheet packet, WebAssign access code, and a graphing calculator (TI-84 plus is preferred or TI-83 plus) or emulator.

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>.

Course Notes and Worksheet Packet: The course notes and worksheet packet is available through the De Anza bookstore. The MPS program can arrange to pay for and ship the packets to your home address.

Internet Access and Technology: You will need to have reliable internet access and a device that allows you watch prerecorded videos and complete homework, quizzes and exams online. Lectures will be recorded and available on Canvas. You will need to have internet access and the ability to connect to live office hours through the app Zoom.

WebAssign: All homework assignments, quizzes and tests will be taken online through WebAssign. If you click on any of the assignments through Canvas you will be taken to that particular WebAssign assignment. Do NOT try to login in through the WebAssign website to access assignments. Everyone gets a 2 week grace period to use WebAssign. By the end of the 14 day trial you will need to enter an access code which the MPS program will provide.

Grading:

Exams	300 Points
Homework	120 Points
Quizzes	120 Points
Labs	60 Points
Classwork	40 – 65 Points
Final	120 Points
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Total	760-785 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 exams which will all be taken online. The exams are not timed and are due by midnight on the exam date(see course calendar). Each exam is worth 100 points. I would suggest making a 8.5×11 inch sheet of handwritten notes 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: Online homework will be assigned for each chapter and must be completed by midnight on the due date. Tentative due dates are given on the course calendar. Check Canvas regularly for exact homework due dates. There will be a total of 13 homework assignments, with each assignment worth 10 points. At the end of the quarter your lowest homework score will be dropped.

Quizzes: We will have 7 quizzes during the quarter which will all be taken online. Quizzes are not timed and must be taken by midnight on the quiz date(see course calendar). Each quiz is worth 20 points. I would suggest making a 8.5×11 inch sheet of handwritten notes to use during quizzes. No make-ups will be allowed. At the end of the quarter, your lowest quiz score will be dropped.

Labs: We will have 3 labs which can be done in groups of up to 4 members. We will start labs during class time, but it is the responsibility of you and your group members to complete the lab. Each lab is worth 20 points.

No late labs will be accepted. Labs must be submitted through Canvas by midnight on the due date(see course calendar). Although you can work in groups, each person must submit their own lab assignment.

Classwork: We will work on classwork during live class. This will give you a chance to work on material on your own and in small groups. Classwork is worth 2 points for every worksheet that we cover in class. I will drop the lowest 2 classworks at the end of the quarter.

Final Exam: The final exam will be comprehensive and will be given online. The final exam will not be timed. You can take the final exam anytime between Monday 12/6 12:00am and Wednesday 12/8 by 11:59pm.

Important Dates:

- The last day to add classes is Saturday, October 2nd.
- The last day to drop classes with no record of a grade is Sunday, October 3rd.
- The last day to drop with a "W" is Friday, November 12th.

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.