

**Math 10 Course Syllabus
De Anza College
Winter 2022**

Instructor: Usha Ganeshalingam

Email: ganeshalingamusha@fhda.edu

Office Hours: Monday-Thursday 1-1:50pm. Please email me to set up a Zoom appointment.

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

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 Packet: The course notes is available to purchase through the De Anza bookstore.

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 purchase an access code.

Grading:

Exams	300 Points
Homework	120 Points
Quizzes	120 Points
Labs	60 Points
Final	120 Points
<hr/>	
Total	720 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. They will be timed 60 minutes exams that must be taken 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. Most students will need more practice than just WebAssign homework. I suggest trying additional practice problems which are available in the textbook. At the end of the quarter your lowest homework score will be dropped. Late assignments are not accepted.

Quizzes: We will have 7 quizzes during the quarter which will all be taken online. They will be timed 30 minutes quizzes that 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. You can always choose to complete the lab on your own. 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).

Final Exam: The final exam will be comprehensive and will be given on-line. It will be a timed 2 hour exam. You can take the final exam anytime between Monday 3/21 12:00am and Wednesday 3/23 by 11:59pm.

Important Dates:

- The last day to add classes is Saturday, January 15th.
- The last day to drop classes with no record of a grade is Monday, January 17th.
- The last day to drop with a "W" is Friday, February 25th.

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.