Math 10 Course Syllabus
De Anza College
Winter 2023

Instructor: Usha Ganeshalingam

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Office Hours: Monday-Thursday 6:30-7:20pm via Zoom.

Required Materials: Textbook, course notes packet, worksheet packet, WebAssign access code, and a graphing calculator (TI-84 plus is preferred or T1-83 plus) or emulator.

Text: *Collaborative Statistics* 2nd edition, by Dean and Illowsky. The text is available for free download at `https://assets.openstax.org/oscms-prodcms/media/documents/Statistics-WEB.pdf?_gl=1*ic5z16*_ga*NTAyODcwMTA1LjE2NzMwMjAxNTk.*_ga_T746F8BOQC*MTY3MzAyMDE1OS4xLjEuMTY3MzAyMDI4Ny41NC4wLjA..`

Course Notes and Worksheet Packet: The course notes and worksheet packet is available through the De Anza bookstore.

Internet Access and Technology: You will need to have reliable internet access and a device that allows you to complete homework, quizzes and exams online. You will need to have internet access and the ability to connect to live class sessions and 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.

Grading:

Exams	300 Points
Homework	110 Points
Quizzes	120 Points
Labs	60 Points
Activities	$40 - 60$ Points
Final	120 Points
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Total	**750-770 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 due by 11:59pm on the due date. 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 11:59pm 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 12 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 due by 11:59pm on the due date. 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.

Activities: Activities can be found in your worksheet packet. Activities are worth 2 points for every worksheet that is due. I will drop the lowest 2 activities at the end of the quarter. Occasionally we may have class time to work on worksheets, but many assignments will require that you spent time outside of class to complete these worksheets. You are encouraged to seek help from me during office hours or from your classmates.

Final Exam: The final exam will be comprehensive and will be given online. It will be a timed 2 hour exam. The final will be given on Thursday, March 30th.

Important Dates:
- The last day to add classes is Saturday, January 21st.
- The last day to drop classes with no record of a grade is Sunday, January 22nd.
- The last day to drop with a "W" is Friday, March 3rd

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.

Office Hours:

Zoom   M,T,W,TH   6:30 PM   7:20 PM