

**Math 10 Course Syllabus**  
**De Anza College**  
**Spring 2020**

**Instructor:** Usha Ganeshalingam

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**Office Hours:** Monday-Thursday 11:30am-12:20pm by email or by appointment. If needed, we can set up a Zoom conference at a time that works for both of us.

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

**Text:** *Collaborative Statistics 2<sup>nd</sup>* edition, by Dean and Illowsky. The text is available for free download at <https://cnx.org/contents/XgdE-Z55@40.9:XgdE-Z55>.

**Course Packet:** The course packet will be posted on Canvas. You will be responsible for printing it out for note taking.

**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. Normally, there is an additional cost to use WebAssign past the two week grace period. Because De Anza has been affected by COVID-19, the textbook publisher is giving away free access to WebAssign and an online version of the text for the Spring quarter. Every 14 days you need to click on the "Start Trial" button to continue to receive access.

### Grading:

Exams	300 Points
Homework	110 Points
Quizzes	100 Points
Labs	60 Points
Final	120 Points
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<b>Total</b>	<b>690 Points</b>

### 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  $8.5 \times 11$  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 11 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.

**Quizzes:** We will have 6 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  $8.5 \times 11$  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. 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 online on *Wednesday, June 24<sup>th</sup>* through WebAssign. It will be a timed 2 hour exam and you will have until midnight to finish.

**Important Dates:**

- The last day to add classes is Saturday, April 25<sup>th</sup>.
- The last day to drop for a full refund is Sunday, April 26<sup>th</sup>.
- The last day to drop classes with no record of a grade is Sunday, April 26<sup>th</sup>.
- The last day to drop with a "W" is Friday, June 5<sup>th</sup>.

**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.