

Instructor: Misako van der Poel

Office Hours: M&W: 8:45pm-9:15pm  
T&Th: 6:30pm-7:00pm

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(Write **Math10-27Z** in the subject.)

## Math 10 Elementary Statistics and Probability Fall 2020

### COURSE

Section: 27Z Course Number: 22353 Time: 4:00p.m. – 6:15p.m. MW

### CLASS MODE

Synchronous with online meeting on Monday and Wednesday at 4:00pm-6:15pm each week.

### ZOOM LINK

<https://fhda-edu.zoom.us/j/96816469874>

Passcode: 916967

### MATERIALS

Introductory Statistics by Illowsky, Barbara & Dean, Susan

A FREE pdf version of the textbook is available at:

<https://openstaxcollege.org/textbooks/introductory-statistics>

A hard copy of the text can also be purchased at the De Anza bookstore:

<http://books.deanza.edu/home.aspx>

Use of **WebAssign** is required to complete homework assignments. You must self enroll. Got to <http://www.webassign.net>, click on “I Have a Class Key,” enter the class key:

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and follow instructions on the screen.

This is the online program we will be using to complete homework assignments. It will cost approximately \$40 for online use this quarter. Please watch [this video](#) .

### OTHER REQUIRED MATERIAL

- **Two electronics devices (Laptop, desktop, tablet, smartphone, webcam, etc..)**
- **All handouts** are posted on CANVAS. You need to use “Study Sheet” in class.

### CANVAS

We'll be using CANVAS to manage our class documents.

You can access CANVAS as follows:

1. Log into **MyPortal**

2. Click on the  Apps link in the left hand navigation on page, and then choose 

3. Next, choose “Login to De Anza Canvas Site”

4. Once on the Canvas site, select the following class.

**F20 MATH D010 Introductory Statistics 27Z**

## **CALCULATORS**

TI-83, TI-83 PLUS, TI-84, or TI-84 PLUS graphing calculator is REQUIRED in class every day. Calculators that do symbolic logic (eg. TI-89, TI-92, HR-49, etc. will NOT be permitted during quizzes and exams.) Your phone is NOT your calculator. IF you have your phone out during a quiz or test, you'll receive a zero on that assessment.

Download: TI-SmartView™ Emulator Software for the TI-84 Plus Family

<https://education.ti.com/en/software/details/en/FFEA90EE7F9B4C24A6EC427622C77D09/sda-ti-smartview-ti-84-plus>

## **PREREQUISITES**

Passing grade (C or better) in Intermediate Algebra or placement exam; Advisory: English Writing 100 & Reading 100 (or Language Arts 100), or English as a Second Language equivalent courses.

## **READING**

In general, you should do the assigned reading before anything else, i.e., before the topics come up in class or in the homework. Throughout the quarter, I'll always assume that you've done all of the reading.

## **WATCHING VIDEOS**

You should watch the videos listed in "Schedule for Reading, Watching Videos, Quiz, and HW," along with your reading. The point of the videos is to summarize the highlights of the reading and prepare you to consider the material more deeply in class.

## **HOMEWORK**

Homework will be assigned weekly and late work will not be accepted. **You will turn in your homework assignments on WebAssign, [www.webassign.net](http://www.webassign.net).**

Five submissions are allowed for each question. Please read "Student Quick Start Guide."

## **ONLINE-QUIZZES**

12 online-quizzes will be assigned **on WebAssign, [www.webassign.net](http://www.webassign.net).**

You are allowed to:

- Spend **30 minutes** for each quiz.
- Submit at most two times for each question.
- Use any materials including textbook and notes.

You should see the correct answers once you have submitted. Submissions are due at **3:00pm** on each due date. Each quiz is worth **10 points**. You can drop **two lowest scores**.

## **EXAMS**

There will be **three** exams (one hour-exams). Each exam is worth **100 points**. The exams are closed book. You may use **one 8.5 X11 inch sheet of handwritten notes (one side)** to use during exams. There are **no dropped exams**. If you take an exam and don't do well on it, you cannot drop that score. If you take an exam, the score for it will count towards your grade.

**Missed Exam:** There are **no make-up exams**, regardless of why you missed it. If you are unable to take the exam at the scheduled time due to illness or an emergency, I will then use your percentage from the final exam minus 10% to compute your score for the missed exam. (Example: Your score on the final exam is 80%. I will take 70% of 100 to compute your exam score.) If a second exam is missed, you will get a zero.

## FINAL EXAMS

There will be a mandatory comprehensive final exam worth **200 points**, and this exam must be taken during the scheduled exam time on **Dec 9 at 4:00pm-6:00pm**. The final will cover all the material discussed during the semester. Missing the final will result in a grade of "F" for the course. You may use **one 8.5 X 11 inch sheet of handwritten notes (both sides)**.

## GRADES

Your grade will be based upon the total points earned, according to the following:

Homework	100 points	640 – 700 points	A
Online-Quizzes	100 points	620 – 639 points	A-
Midterms	300 points	600 – 619 points	B+
Final Exam	200 points	580 – 599 points	B
Total	700 points	560 – 579 points	B-
		540 – 559 points	C+
		480 – 539 points	C
		400 – 479 points	D
		Below 400 points	F

## TIME EXPECTATIONS

The De Anza College catalog advises students to do at least 2 hours of work outside the classroom for each hour spent in class.

## TUTORIAL HELP

- **SSC tutoring links and schedules:** go to the [SSC homepage](#) and click on the yellow link to add yourself to [SSC Resources Canvas](#). Once there, click on Modules then the SSC area for your course. <https://www.deanza.edu/studentssuccess/>
- **Support for online learning:** If you'd like to speak with someone about motivation and organization strategies for online classes, we encourage you to talk with a peer tutor or SSC staff member. We get it and are going through the same things, so let's support each other!
- **Need after-hours or weekend tutoring?** See the [Online Tutoring](#) page for information about NetTutor (via Canvas) or Smarthinking (via MyPortal).

## STUDENT RESPONSIBILITIES

1. It is your responsibility to keep up with the material even if you miss class. If you miss a class, it is your responsibility to get the notes from someone else in this class. Also, discuss the notes with others then come ask me questions about the material.

**Note: I will not answer Math questions over email.**

2. If you plan on dropping the class, it is your responsibility to use "MyPortal" online, or contact Admissions and Records office.
3. It is your responsibility to record all the scores you have earned, using "Score Sheet."

**Note: I will NOT let you know your scores of quizzes and exams again.**

## **ACADEMIC MISCONDUCT**

Academic dishonesty will not be tolerated. If a student is found cheating on an exam, plagiarizing on writing assignments, or violating other codes of academic integrity, he or she will receive a failing grade for the course and may be reported to the college for an appropriate action. See section on Academic integrity in your current schedule of classes catalog.

## **DISABILITY SUPPORT SERVICES**

For information or questions about eligibility, support services or accommodations to disability (physical or learning disability) see contacts below:

Disability Support Service (DSS): Student Services Building (408) 864-8753; TTY (408) 864-8748

Educational Diagnostic Center (EDC): Learning Center West 110; (408) 864-8839

Special Education Division: 864-8407; [www.deanza.edu/specialed](http://www.deanza.edu/specialed)

## **IMPORTANT DAYS TO REMEMBER**

Oct 3 Saturday	Last day to <a href="#">add</a> classes
Oct 4 Sunday	Last day to drop classes
Nov 13 Friday	Last day to <a href="#">drop</a> with a "W"

## Math 10-27Z Fall 2020 Tentative Course Schedule

Monday	Wednesday
<b>Sep 21</b> <b>Introduction</b> <b>Ch1</b> (Sampling, Data Types, etc.)	<b>Sep 22</b> <b>Ch1 &amp; Ch2</b> (Data Visualization)
<b>Sep 28</b> <b>Ch2</b> (Measures of Center & Spread) <b>&amp; Ch3</b> (Probability)	<b>Sep 30</b> <b>Ch3</b> (More Probability)
<b>Oct 5</b> <b>Ch3</b> (More Probability) <b>&amp; Review</b>	<b>Oct 7</b> <b>Exam 1 (Ch1,2 &amp; 3)</b>
<b>Oct 12</b> <b>Ch4</b> (Discrete Distributions)	<b>Oct 14</b> <b>Ch4 &amp; Ch5</b> (Continuous Distributions)
<b>Oct 19</b> <b>Ch5</b> (Continuous Distributions)	<b>Oct 21</b> <b>Ch6</b> (Normal Distribution)
<b>Oct 26</b> <b>Ch6 &amp; Ch7</b> (CLT)	<b>Oct 28</b> <b>Ch7</b> (CLT) <b>&amp; Review</b>
<b>Nov 2</b> <b>Exam 2 (Ch 4, 5, 6, &amp; 7)</b>	<b>Nov 4</b> <b>Ch8</b> (Confidence Intervals)
<b>Nov 9</b> <b>Ch9</b> (Hypothesis Testing)	<b>Nov 11</b> <b>No Class</b>
<b>Nov 16</b> <b>Ch9 &amp;</b> <b>Ch10</b> ( Hypothesis Testing With Two Samples)	<b>Nov 18</b> <b>Ch10 &amp; Review</b>
<b>Nov 23</b> <b>Exam 3 (Ch 8, 9, &amp; 10)</b>	<b>Nov 25</b> <b>Ch11</b> (Nonparametric Goodness-of-Fit/Tests) <b>&amp; Ch12</b> (Regression)
<b>Nov 30</b> <b>Ch12 &amp; Ch13</b> (ANOVA)	<b>Dec 2</b> Last Day of Class <b>Ch13 (ANOVA) &amp; Review</b>
<b>Dec 7</b>	<b>Dec 9</b> <b>Final Exam</b> <b>4:00pm-6:00pm</b>

**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.