Math 10 Elementary Statistics and Probability
Fall 2021

INSTRUCTOR INFORMATION

Instructor	MISAKO VAN DER POEL
Email	**van_der_poelmisako@fhda.edu** Please following the format of the subject line stated below. **"Math 10-27Z: _____"** You write your inquiry after the colon.
Office Hours	**Monday & Wednesday: 3:30pm–4:00pm** or email me for appointments on Monday through Friday.

COURSE

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

CLASS MODE

This class is **synchronous** and held via Zoom.
Being present is crucial and necessary for doing well in the course.
The due date of all the assignment follows the **U.S. Pacific Standard Time (PST).**

ZOOM LINK

https://fhda-edu.zoom.us/j/99552838731 Passcode: **225693**

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.

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.

1) You must self enroll.
2) Got to http://www.webassign.net, click on "I Have a Class Key," enter the class key:

deanza	**0144**	**7917**

and follow instructions on the screen.

3) Read "Student Quick Start Guide" or watch this video .
4) Take the advantage of the free trial for the first two-weeks and do not pay anything yet.
5) All the purchases are non-refundable.
6) You will need to purchase "Access Code" to use WebAssign.

This is the online program we will be using to complete homework assignments.

OTHER REQUIRED MATERIAL

- **Two electronics devices (Laptop, desktop, tablet, smartphone, webcam, etc..)**
- **All handouts** are posted in CANVAS.

TECHNOLOGY

- You will need a **laptop** or other **keyboard-based computer** that connects to the internet (wifi or ethernet).
- Your laptop must have an attached **webcam** and working **microphone**.

De Anza College CompTechS: lets students borrow a refurbished desktop or laptop for coursework, https://www.deanza.edu/oti/computer_scholar.html

CALCULATORS (Required)

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.

Free online graphing tool such as
https://www.desmos.com/ or https://www.wolframalpha.com/ .

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

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.
   F21 MATH D010 Introductory Statistics 27Z

You are expected to check our Canvas page to see announcements, assignments, and week module regularly.

Modules:

- A new module will be created every week.
- All the lectures and the assignments will be listed on the module.

READING or WATCHING VIDEOS

In general, you should do the assigned reading section or watching video 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 section or watching video.

HOMEWORK

- Homework will be assigned on WebAssign **,** **www.webassign.net** and **no late work** will be accepted.
- **No extensions** will be granted.
- **Five submissions** are allowed for each question.
- Each homework assignment is worth **10 points** and **three lowest scores will be dropped** at the end of the course.
- Please read "Student Quick Start Guide."

You are expected to check the due dates on your WebAssign account.

ONLINE-QUIZZES

18 online-quizzes will be assigned in CANVAS**.**
For each quiz:

- One submission is allowed for each question.
- Use any materials including textbook and notes.
- Submissions are due at **11:59pm** on each due date.
- Each quiz is worth **7 points.**
- You can drop **three 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.
- You may use a **graphing calculator**.
- There are **no dropped exams.**
- If the percentage of the lowest of your exam scores is lower than that of your final exam score, then the percentage of the lowest exam score will be replaced by that of your final exam score. (Note that the final exam score will NOT be replaced in this manner).

  Example: Exam1 score: 90, Exam2 score: 50, Exam3 score: 70; Final exam score: 160; percentage final exam score =160/200 = 80%. Since the percentage of the lowest exam score = 50/100=50% is less than the final exam percentage of 80, the lowest exam score of 50 is replaced by the score = 0.8x100 = 80.

***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 to compute your score for the missed exam. If a second exam is missed, you will get a zero.

FINAL EXAMS

- There will be a mandatory comprehensive final exam worth **200 points**.
- Final exam must be taken during the scheduled exam time on **Dec 8 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**).
- You may use a **graphing calculator**.
- **Two electronics devices are required**.(Laptop, desktop, tablet, smartphone, webcam, etc..)
- **Your final exam will be proctored via Zoom**.

GRADES

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

Homework	100 points
Online-Quizzes	100 points
Midterms	300 points
Final Exam	200 points
Total	700 points

640 – 700 points	**A**
620 – 639 points	**A-**
600 – 619 points	**B+**
580 – 599 points	**B**
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/studentsuccess/
- **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.
   Note: I will not answer any Math questions over email.
2. Note that a student may be dropped from the course if participation is low.
3. If you plan on dropping the class, it is your responsibility to use "MyPortal" online, or contact Admissions and Records office.
4. It is your responsibility to record all the scores you have earned, using "Score Sheet."

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.
Please refer to https://www.deanza.edu/policies/academic_integrity.html

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
The application process can be found here: https://www.deanza.edu/dsps/dss/applynow.html

Math 10-27Z Fall 2021 Tentative Course Schedule

Monday	Wednesday
Sep 20 **Introduction** **Ch1** (Sampling, Data Types, etc.)	**Sep 22** **Ch1 & Ch2** (Data Visualization)
Sep 27 **Ch2** (Measures of Center & Spread)	**Sep 29** **Ch3** (Probability)
Oct 4 **Ch3** (More Probability)	**Oct 6** **Review & Exam 1 (Ch1,2 & 3)**
Oct 11 **Ch4** (Discrete Distributions)	**Oct 13** **Ch4 & Ch5** (Continuous Distributions)
Oct 18 **Ch5** (Continuous Distributions)	**Oct 20** **Ch6** (Normal Distribution)
Oct 25 **Ch6 & Ch7**(CLT)	**Oct 27** **Ch7**(CLT)
Nov 1 **Ch8** (Confidence Intervals)	**Nov 3** **Review & Exam 2 (Ch 4, 5, 6, & 7)**
Nov 8 **Ch8 & Ch9** (Hypothesis Testing)	**Nov 10** **Ch9 &** (Hypothesis Testing)
Nov 15 **Ch10(** Hypothesis Testing With Two Samples**)**	**Nov 17** **Review & Exam 3 (Ch 8, 9, & 10)**
Nov 22 **Ch11** (Nonparametric Goodness-of-Fit/Tests)	**Nov 24** **Ch12** (Regression)
Nov 29 **Ch13** (ANOVA)	**Dec 1** Last Day of Class **Review for Final**
Dec 6	**Dec 8** **Final Exam** **4:00pm-6:00pm**

IMPORTANT DAYS TO REMEMBER

Oct 2 Saturday	Last day to add classes
Oct 3 Sunday	Last day to drop classes
Nov 12 Friday	Last day to drop with a "W"

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.