MATH 10.MP3 – Spring 2025

Statistics

De Anza College

Text: Introductory Statistics, 1st ed, by Illowsky and Dean (available for free online - you **do not** need a hard copy)
Link to download pdf file of Introductory Statistics:
http://openstaxcollege.org/textbooks/introductory-statistics/get
Link to view online at Connextions (www.cnx.org): http://cnx.org/content/col11562/latest/

Instructor: Leah Lane

Class Meetings: M-Th 8:30-10:20am live on Zoom (link and passcode in Canvas Introduction Module)

Office Hours: Thursdays 10:30-11:30am – Messaging, phone or individual Zoom appointment
Thursdays 11:30am – 12:30pm Live Zoom Drop-In (link and passcode in Canvas Introduction Module)

Email: laneleah@fhda.edu

Disclaimer: All information in this syllabus is subject to change. If there are changes, I will announce them during our class meetings or via email.

Student Learning Objectives: Upon completion of this course, you should be able to:

- 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.

MPS Course Format: Being a part of the MPS learning community affords us incredible resources for our course. For information on all things MPS, please visit https://www.deanza.edu/mps/. Our counselor, Luis Carrillo, will be available in class at least a couple days a week and we'll have a tutor available just about daily. In addition, tutors are available in the MESA center (S54) – to see the current tutor availability schedule, please visit https://www.deanza.edu/mps/mpstutoring/index.html.

Attendance: It is imperative that you attend the entire class meeting every day. Attendance will be taken daily, at any point during the class meeting, and can be oral or through Zoom attendance tracking. Please make sure your name (as listed on the class roster) appears on your Zoom account, otherwise you may be marked absent when you actually attended class! Please note that students are responsible to drop or withdraw from the course if they so need.

Class Requirements:
1. Canvas (checked daily)
2. Zoom (attend live class M-Th)
3. Email (checked daily) – This will be a primary mode of communication throughout the quarter, and it is imperative that you receive and read these messages. Please make sure the college has the correct email address on file for you.

4**.** WebAssign – I will link WebAssign through Canvas, so once the course is available in Canvas you will have one main "hub". You will need to purchase WebAssign for the quarter, and you will access your assignments through Canvas.

5. Textbook - Introductory Statistics by Illowsky and Dean (available for free online)

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6. TI-83, TI-83+, TI-84, or TI-84+ calculator

*Available for free for MPS students! You can check out calculators the first week of the quarter in the MESA center S54 (open from 10am-2:30pm, Monday through Thursday). Statistical methods/computations will be taught/demonstrated on the TI-83/84 Plus. An online version of the calculator is also totally fine. You will need the calculator by the end of the first week of class.

Canvas Class Setup: **This class is 80% synchronous, so we will meet in Zoom M-Th 8:30-10:20am.** The remaining 20% of the course is asynchronous and will include assignments in addition to regular HW. The course will be divided into weekly modules in Canvas. Weeks will run from Monday to Sunday. Exams and quizzes will be taken on specified days during class time (through Canvas). This course will be collaborative; breakout rooms will be utilized each class meeting and graded work and presentations will be done in groups during class.

Grading: Letter grades will be calculated based on the following percentages:

A:	92.5 - 100%	C+:	76.5-79.49%	F:	59.49% and below
A-:	89.5 - 92.49%	C:	69.5-76.49%		
B +:	86.5-89.49%	D+:	66.5-69.49%		
B:	82.5-86.49%	D:	62.5-66.49%		
B-:	79.5-82.49%	D-:	59.5-62.49%		

Scores will be weighted as follows:
Exams: 25%
Homework: 25%
Quizzes: 10%
Labs/Presentations/Classwork: 30%
Final Exam: 10%

Webassign/HW: Homework is collected and graded using Webassign (accessed through Canvas). Assignments are by chapter and are officially due at 11:59pm on Sundays (unless noted otherwise). However – I encourage you to plan your week with the intent of having the HW done on Friday (and use the weekend as extra time just in case). Tutoring resources are not available over the weekend, so best practice is to start the HW early so you have time to access help if you need it. Please **do not** send me messages or request extensions through Webassign, I don't see those! Please send any HW questions to me directly in an email (or messaging me through Canvas works too) and tell me what you have tried so far and where you are stuck. Depending on the volume of emails I receive, it can take 24 hours or so for me to answer everything, so please plan accordingly and start your HW early enough to give me time to answer your questions. You will have at least 3 attempts per problem on WebAssign, and as HW increases in difficulty you will get up to 5 attempts. Your lowest HW score will be dropped. Suggested HW is to re-do every example done in the lecture/on the PowerPoint slides (without looking at the solutions/answers!) to make sure you can do every problem again (by yourself) and get them

all correct (this HW will not be collected/graded). If you're having tech trouble with WebAssign, check out the Introduction Module for links to tech support – they are very helpful.

Labs/Presentations/ Participation/ Classwork: You will have graded labs, presentations, and other work throughout the quarter, completed in your breakout groups. Groups will take turns presenting breakout room work/solutions daily at the end of class. Polls may be utilized for participation points. Please make sure your name (as listed on the class roster) appears on your Zoom account to ensure you get the proper credit for participation in polls.

Exams and Quizzes: Quizzes will be given asynchronously most Fridays. Exams will be given throughout the quarter and will occur during our regular class meeting time. There will be no makeup exams or quizzes, but to compensate, your lowest exam score and quiz score will be dropped. The tentative dates for our exams are as follows:

- Exam 1 - Monday 4/28 (covers Chapters 1-3)
- Exam 2 - Monday 5/19 (covers Chapters 4-7)
- Exam 3 - Monday 6/9 (covers Chapters 8-10)
- Final Exam – Wednesday, 6/25 7-9am (cumulative)

Educational Access: For information/ questions about eligibility, support services or accommodations due to disability (physical or learning disability) see below. Also, please see the instructor to discuss your situation.

- 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

Please Note: If you have any circumstances of which I should be aware, please notify me ASAP. The more time I have to address issues, the more likely it is I can help! Please don't hesitate to contact me if you have extenuating circumstances.

Important Dates:

April 7th	Quarter begins
April 20th	Last day to drop without a "W", Last day to add
May 30th	Last day to withdraw with a "W"
June 25th	Final Exam

*****Check college schedules to confirm dates shown in this syllabus

Work Guidelines: I would like to see the process of solving the problem reflected in step-by-step solutions. The following are some specific criteria.

1. Documents submitted to Canvas need to be .doc, .docx, .jpeg, or .pdf. If you take photos of your work, please compile all photos into a word (or PDF) document and upload that into Canvas. **I can not open .HEIC or .pages files**, so unfortunately all .HEIC and .pages files will receive zeros. Please double check file type!
2. Your full name (and for group assignments, all students' full names) should be in the upper right hand corner of the 1st page.

3. All work, including exams, should be handwritten in pencil. Please erase, do not scribble out.
4. Please write carefully and neatly and make sure the document uploaded right-side-up. I can't grade it and give you any credit if I can't read it. Uploading, downloading, and trying to read online wreaks havoc on my ability to decipher anything but very clear, concise writing.
5. Please write out the problem and show all steps involved in solving the problem in order to receive credit.
6. Please box your final answer.
7. After you have uploaded your document, please go back in and double check the upload was successful and the page is loaded right side up (not upside down or sideways) to ensure I will be able to read and grade it.

Academic Integrity: You are expected to be honest, ethical, and submit your own work at all times. Copying the work of others or using AI or other online resources when not permitted is plagiarism and cheating. Anyone caught cheating will receive a 0 on the assignment and will be reported to the Dean of the PSME division. If I suspect AI has been used to complete work, I will request a live one on one meeting and will ask for concepts to be explained orally for credit.

Additional Resources: Help for getting accustomed to Canvas and online learning (there is a ton of information here!): http://deanza.edu/online-ed/students/remotelearning.html

Help with topic material:
www.khanacademy.org
This is a phenomenal resource – topic videos, examples, and even practice. Given our online format, I highly recommend using khan academy to fill in the gaps!

De Anza offers free tutoring in addition to MPS tutoring services!
https://www.deanza.edu/studentsuccess/mstrc/

MPS Resources, including MPS tutoring hours: https://www.deanza.edu/mps/

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 evaluate conjectures, and communicate the results of random data using statistical analyses such as interval and point estimates, hypothesis tests, and regression analysis.

Office Hours:

TH	10:30 AM - 12:30 PM	Zoom,Canvas