MATH 10 – Fall 2020
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
Office Hours:	Friday 9-11:30am (virtual) – I am sitting waiting for your email! We can also talk on the phone or do a zoom meeting
Email:	laneleah@fhda.edu
Disclaimer:	All information in this syllabus is subject to change. If there are changes, I will announce them via email.

Course Description and Outline of Required Topics: http://ecms.deanza.edu/outlineprogresspublic.html?catalogID=2175

Class Requirements:

1. Canvas
2. Email – This will be a primary mode of communication throughout the quarter, and given our instruction is online, it is imperative that you receive and read these messages. Please make sure the college has your correct email address and that you check it daily (at least!).
2**.** WebAssign – I will link WebAssign through Canvas, so once the course is available in Canvas you will have one main "hub". WebAssign is approximately $35 and you will access your assignments through Canvas. Please see the informational sheet (in Canvas "Introduction" module, called "WebAssign Canvas Student Quick Guide") if you need help linking your accounts. From what I'm told, it only takes once, and then you should be able to click freely (through Canvas) without signing in to WebAssign every time.
3. Textbook - Introductory Statistics by Illowsky and Dean (available for free online)
   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/
3. TI-83, TI-83+, TI-84, or TI-84+ calculator
*If you choose to use a non-approved calculator, you accept responsibility for becoming proficient in its operation, as statistical methods/computations will be taught/demonstrated on the TI-83/84 Plus only.

Canvas Class Setup: The course will be divided into weekly modules in Canvas. Weeks will run from Monday to Sunday, so all work for the week (including WebAssign HW) will be due Sunday night at 11:59pm. The only exception to this is exams and quizzes, which will be open from Monday at 6am to Tuesday 11:59pm and will be timed. I will send messages with weekly work guidelines. For help with Canvas, please visit https://deanza.instructure.com/courses/3382 .

Webassign: Homework is collected and graded using Webassign (accessed through Canvas). Assignments are due at 11:59pm on stated due dates (Sundays) unless noted otherwise. Please **do not** send me

messages or request extensions through Webassign. I do not get Webassign messages often enough to help you. Please send any HW questions in an email to me directly, and include the specific details of what you have tried so far and where you are stuck (i.e. - not just "I don't get #3"). Depending on the volume of emails I receive, it can take a day 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, if you plan to use me as a resource. You will have at least 3 guesses per problem on WebAssign, and as HW increases in difficulty you will get up to 5 attempts.

> Webassign Tech Help: (800) 955- 8275
> http://www.webassign.net/info/contact_us.html
> http://www.webassign.net/user_support/student/index.html
> *A note to save you time on Webassign: keep as many digits as possible and round at the very end of the problem!

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: 40%
Quizzes: 10%
Homework: 20%
Other assignments, Labs, Discussion: 15%
Final Exam: 15%

Homework:

Graded homework will be assigned every chapter and due approximately once a week in WebAssign (accessed through Canvas). Suggested HW is to re-do every example done in the lecture videos/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). Your lowest homework grade will be dropped.

Exams and Quizzes:

Exams will be given approximately every 3-4 chapters. Your lowest exam score will be dropped. Quizzes will be given during the quarter to check your progress and will take place most weeks when there is no exam scheduled. The tentative dates for our exams are as follows:
- Exam 1 opens Monday 10/12 (covers Chapters 1-3)
- Exam 2 opens Monday 11/2 (covers Chapters 4-7)
- Exam 3 opens Monday 11/23 (covers Chapters 8-10)
- Final Exam opens Monday 12/7 (cumulative, but more heavily focused on Chapters 11-13)

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. Due to the fluidity of the situation, the more time I have to address issues, the more likely it is I can help!

Important Dates:

September 21st	Quarter begins
October 3rd	Last day to add
October 4th	Last day to drop with no record of grade
October 16th	Last day to request pass/no pass
November 13th	Last day to withdraw with a "W"
December 7th	Final Exams week

*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, or .pdf. **If you take photos of your work, please compile all photos into a word (or PDF) document and upload that into Canvas.**
2. Your full name, the class, class time, and the due date need to be in the upper right hand corner of the 1st page.
3. All work, including quizzes and exams, should be done in pencil to receive credit. Please erase, do not scribble out.
4. Please write neatly. I can't grade it and give you any credit if I can't read it.
5. Please write out the problem and show all steps involved in solving the problem.
6. Answers should be boxed.
7. Please show all work to receive 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!

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.