MATH 10 – Spring 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: Given the fluidity of this unprecedented situation, all information in this syllabus is subject to change. If there are changes, I will announce them via email. This quarter will be a learning experience for all of us – up until now I have never used Zoom or Canvas! I know we will have many exceptions and extenuating circumstances, and I am prepared to make any adjustments I can to make this work. We will work together and troubleshoot as we go. We should all expect difficulties, but just know that we will figure this out and make it through the quarter together! We can do this.

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 have (hopefully) linked WebAssign through Canvas, so you have one main "hub". WebAssign is approximately $34. 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 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 open during your regular class day and will be timed. I will send messages with weekly work guidelines.

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"). 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.

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:

April 13th	Quarter begins
April 25th	Last day to add
April 26th	Last day to drop with no record of grade
May 8th	Last day to request pass/no pass
June 5th	Last day to withdraw with a "W"
June 22nd – 26th	Final Exam 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.