

Instructor:	Lin. Zhang Email: zhanglinlin@fhda.edu Canvas: https://deanza.instructure.com/
Office Hours:	TTh 12:00 – 1:00 PM https://fhda-edu.zoom.us/j/96793435376?pwd=bVBXeC9lcmZqaVZRRTNYUzZRQTIDQT09 Meeting ID: 967 9343 5376 Passcode: 669950
Meeting:	None, but you should set schedule on your own that you dedicate at least 5 hours a week to work on the class.
Text:	Introductory Statistics from OpenStax, (free) Free Online Download: https://stats.libretexts.org/Courses/Las_Positas_College
Homework	MyOpenMath.com (See separate handout how to create an account and linked it to Canvas)
Equipment :	Graphing Calculator (TI 83, TI 84,...) TI Emulator Apps <ul style="list-style-type: none"> • For Window Desktop: http://wabbitemu.org/ (watch this youtube video) • For iPhone: Graphing Calculator X84 (free with basic features or \$4.99 for pro features) • For Android: Graphing Calculator plus 84 83 (free with basic features or \$2.99 for pro features)

1. Prerequisite: None

None

2. Course Objective:

Descriptive statistics, including measures of central tendency, dispersion and position; elements of probability; confidence intervals; hypothesis tests; two-population comparisons; correlation and regression; goodness of fit; analysis of variance; applications in various fields. Introduction to the use of a computer software package to complete both descriptive and inferential statistics problems.

3. Drop Policy:

This is a fully online class. Any student who is inactive (not turning in assignments) for two weeks or more will risk of being dropped. BUT, it is always **your responsibility to drop the class** if you feel like you cannot continue for any reason.

4. Tutoring

The Math, Science, and Technology Resource Center (**S43**) provides free on campus and online drop-in services **Monday – Thursday 9AM – 6PM, Friday 9Am – 12:30PM**. For more information, go to www.deanza.edu/studentsuccess/mstrc

5. Academic Integrity:

All tests are open notes, but your work must reflect what you know based on your own knowledge and thought. Referencing or copying another student's solutions, or searching answer online during tests are considered cheating. Violation of this policy will result in the student receiving ZERO credit for the entire assignment or test. Further action may be taken depending on the circumstance.

6. Support Services

Students with disabilities needing reasonable accommodations should inform me in the beginning of the quarter. For more information, please visit the DSS office www.deanza.edu/dsps/dss.

7. Important Dates:

Saturday, April 16: last day to add

Sunday, April 17 : last day to drop with no record online.

Friday, April. 29: last day to request P/NP online.

Friday, May 27: last day to drop with a “W”.

8. Grades

It is your responsibilities to check Canvas at least once a week to monitor your grades for the class.

20 InClass (drop 2)	25%	
11 Homework (drop 1)	10%	A: 90-100%
11 Discussions (drop 1)	5%	B: 80-89%
5 Projects	10%	C: 70-79%
3 Exams	39%	D: 60-69%
<u>Final Exam</u>	<u>11%</u>	F: 0-59%
Total	100%	

InClass:

Lesson recordings will be available for you to follow along. You should do them regularly like you are attending lessons. Due dates are specified on Canvas. Make sure to keep track of your progress. 2 lowest scored inclass assignments will be dropped at the end of quarter.

Homework:

Homework assignments are available on MyOpenMath. You have 3 chances on each blank, but you can click “similar question” to try the problem again. Even I don’t require you to submit your work, you are still encouraged to work out the problem on a piece of paper.

Late Passes

Each student are given **10 late passes (96 hours each)** this quarter. After an assignment (inclass or homework) is due, you should see a “late pass” button in the description of the assignment. After using all your late passes, you can complete an assignment in “Practice mode”, and there is a 15% penalty when I record your grade later. More details are explained on a separate file.

Discussion Board:

There are 11 chapters in this class, and each chapter has its discussion boards. You are required to post 1 content related question or observation AND reply/answer to one post to gain the points.

Projects

Five projects will be given throughout the semester. All of them can be done in a group of at most 3 people. You can also opt to complete the projects on your own.

Exams:

Three exams will be given with opportunities of test corrections. You CAN’T drop any exam. The week after the exam, you will be given chance to do **Test correction quizzes** to earn up to 50% of the points you lose from an exam. More details are explained on a separate file.

Final Exam:

Missing the final exam will result in a ZERO for the final exam grade in your gradebook.

9. Class Calendar

Week	Month		Notes
1	April 4/4 – 4/8	Ch 1 Nature of Stat InClass 1A InClass 1B	HW 1 due 4/10
2	April 4/11 – 4/15	Ch 2 Freq Table and graphs InClass 2A InClass 2B	HW 2 due 4/17
3	April 4/18 – 4/22	Ch 3 Des Statistics InClass 3A InClass 3B	HW 3 de 4/24
4	April 4/25 – 4/29	Ch 4 Probability InClass 4A InClass 4B	HW 4 due 5/1 Test 1 (Ch 1 – Ch 3) opens 4/29 – 5/1
5	May 5/2 – 5/6	Ch 5 Discrete Prob InClass 5A InClass 5B	HW 5 due 5/8
6	May 5/9 – 5/13	Ch 6 Normal Prob InClass 6A InClass 6B	HW 6 due 5/15
7	May 5/16 – 5/20	Ch 7 Confidence Interval InClass 7A InClass 7B	HW 7 due 5/22
8	May 5/23 – 5/27	Ch 8 Hyp. Testing InClass 8A	Test 2 (Ch 4 – Ch 6) opens 5/27 – 5/29
9	June 5/30 – 6/3	Ch 8 Hyp. Testing InClass 8B Ch 9 Hyp of 2 samples InClass 9	HW 8 due 6/5
10	June 6/6 – 6/10	Ch 11 Chi-Square Distribution InClass 11 Ch 10 Linear Reg InClass 10A	HW 9 due 6/10 HW 11 due 6/12
11	June 6/13 – 6/17	Ch 10 Linear Reg InClass 10B	Test 3 (Ch 7, 8, 9, 11) opens 6/15 – 6/17 HW 10 due 6/19
12	June 6/20 – 6/ 24	Final Exam	

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.