

Math 10-Q05: Elementary Statistics and Probability (Includes required corequisite Math 210X-Q05) Spring 2020

Instructor: Kelly Lundstrom

Course Info: Math 10 – Q05 & Math 210X – Q05

Required Meeting Times: Tuesdays and Thursdays from 2:30-3:20 pm

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Phone: 408-864-8910

Office Hours: Mondays 1:30-2:20 pm

Tuesdays & Thursdays 11:30 am -12:00 pm

Fridays 3:00-3:50 pm

Thursdays 6:00-6:50 pm

& available by email (lundstromkelly@fhda.edu)

Textbook & Required Materials:

- **E-Book:** “Elementary Statistics, 3rd Ed. ” written by Navidi/Monk. This is available for free through our ALEKS class.
- **ALEKS account:** You can access this through Canvas. Click on Modules, and find the ALEKS module. Click on the ALEKS math link to log in. This is free for you.
- **Required Graphing Calculator:** TI-83/TI-83+/TI-84/TI-84+ (You can download a free TI-84+ calculator to your computer at this link:
<https://education.ti.com/en/resources/online-learning-program>)
- Computer/smartphone to complete online homework assignments, submit labs on Canvas, and attend required live class meetings.
- A notebook where you will record notes for each chapter, including work for doing the homework problems. (This is to help you organize your work, and can be used on quizzes/exams. I will not be collecting this!)

Grades: I will use Canvas to update grades regularly throughout the quarter. You should check your grade at least once a week. Go to deanza.instructure.com to log in and check your grade!

A *weighted* grading scale will be used as follows:

Homework (20%): There will be two types of homework assigned – **objectives (15%) and traditional homework (5%)**. Both are on ALEKS and will be completed online. For the objectives, you need to show mastery before earning credit for that topic. For example, if you get 3 correct answers in a row, you have shown mastery. However, if you are unable to complete three in a row correctly, you will have to attempt more problems to prove you have mastered the topic. For traditional homework, everyone will be given the same number of problems to complete. Homework will be assigned for each chapter and due dates for specific homework will be posted to ALEKS and will also be on a course schedule provided by your instructor, but will always be due Sundays at 11:59 pm. Late homework will not be accepted unless accompanied with a No Questions Asked Pass. Do not fall behind on homework. It is vital that you work on math homework each night to guarantee your success.

In-Class Participation (5%): There will be required group activities during our live class meetings. You will earn points based on your participation from these activities. Missed in-class activities cannot be made up, regardless of your reason for missing class.

Labs (10%): We will be using graphing calculators for our three labs this quarter. Labs may be done in groups of up to three people and are due one week after they are assigned. Late labs will not be accepted unless accompanied with a No Questions Asked Pass.

Quizzes (20%): We will have 13 quizzes this quarter all of which are on ALEKS. You will not have access to videos and explanations in ALEKS for these quizzes, so be sure to take good notes in your notebook as you complete your homework so that you have an organized “cheat sheet” for these quizzes. The quizzes will be similar to homework problems you have completed for the chapters. NO make-up quizzes will be given, and a missed quiz earns a zero. I will drop your lowest **three** quiz scores. Look at the course schedule for specific quiz due dates, but quiz due dates always fall on Sundays at 11:59 pm.

Tests (30%): There will be three tests during the quarter that will each be worth 10% of your grade. You will not have access to videos and explanations in ALEKS for these tests, so be sure to take good notes in your notebook as you complete your homework so that you have an organized “cheat sheet” for these tests. If you are unable to complete a test for any reason, **a makeup test will not be given.** A missed test earns a zero. I will replace your lowest test with the percentage of your final exam, provided it is higher.

Final Examination (15%): There will be a comprehensive final examination on **Tuesday, June 23**. You will have two hours to complete the final. The final exam will be on ALEKS and you will not have access to videos or explanations in ALEKS, so be sure to use your organized notebook as a good “cheat sheet” for the final exam.

No Questions Asked Passes: This quarter you will be given 3 No Questions Asked Passes. Ordinarily I do not accept late homework assignments or labs. However, I do realize that things do come up that may keep you from completing an assignment. **If you do not turn in a homework assignment or a lab, you automatically receive a zero. If you would like to complete the assignment, you must email me at lundstromkelly@fhda.edu on the day the assignment is due or before, and request to use one of your no questions asked passes.** You will be granted a 3 day extension and can earn up to full credit on the late assignment, provided you turn it in 3 days after the assignment was due. One pass must be used for each chapter (either objective or traditional homework assignment); for example, if two chapters are due on Sunday at 11:59 pm and you need extensions on the objectives for both chapters, this will require 2 passes. Any No Questions Asked Passes that are not used will be counted towards extra credit in the homework category. (Each un-used pass is worth 1 points of extra credit towards the objectives part of the homework. For comparison, the total points in the objective category is 45.)

Letter Grade Earned:

A+: 98 – 100%	B+: 87 – 89%	C+: 77 – 79%	D: 60 – 69%	F: 0 – 59%
A: 93 – 97%	B: 83 – 86%	C: 70 – 76%		
A-: 90 – 92%	B-: 80 – 82%			

A grade of “FW” will be assigned to students who have a course score that is less than 60 and who have not attended class after the “Drop with Withdrawal” date (June 5, 2020). Note: This grade will affect your financial aid! Be aware!

Tutoring Services: The De Anza campus has a free tutorial center for math students where students can get "drop in" help or make appointments with a tutor. Check Canvas for links to access these tutors through Zoom meetings. Additionally, I am very glad to help you in office hours. Please use your resources.

Student Conduct: Students are expected to do their own work on quizzes and exams. Students are expected to do their own work on labs and work only with group members. Cheating would involve sharing your lab with another group so that they can copy; in this case, both groups will have cheated and earn a zero on the lab. Anyone caught cheating will receive an automatic zero and be reported to the Dean of the PSME Division. Students may work together on homework.

Attendance: Students are expected to attend every class meeting and be on time. *You should always email the teacher ahead of class if you are to miss a class.*

Important Dates:

- The last day to add classes is Saturday, April 25.
- The last day to drop for a full refund no record of grade is Sunday, April 26.
- The last day to request pass/no pass grade is Friday, May 8.
- The last day to drop with a “W” is Friday, June 5.

Disabled Services: Students who have been found to be eligible for accommodations by Disability Support Services (DSS), please follow up to ensure that your accommodations have been authorized for the current quarter. If you are not registered with DSS and need accommodations, please go to <http://www.deanza.edu/dss>.

HEFAS- Resource Center for Undocumented Students - HEFAS (Higher Education for AB 540 Students) provides free services, reduces financial stress and creates a safe space for all with an emphasis on undocumented and AB 540 students. They are dedicated to building leaders, promoting social justice, and giving students tools to reach higher education regardless of the barriers that may exist. HEFAS provides free services like books and testing materials and connects students to on and off campus resources including tutoring, counseling and legal aid. More information is on their webpage <https://www.deanza.edu/hefas>.

Resources for daily essentials like food, housing, and transportation – De Anza is here to support students with whatever struggles you may have. Please visit <http://deanza.edu/resources/> to see the many supports we offer students.

This syllabus is subject to change at the instructor's discretion. Changes will be announced in class and on Canvas.

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.