Email: kapurrenuka@fhda.edu

Campus Classroom: Details posted on Canvas Homepage

Zoom Office Hours: Posted on the Canvas Homepage

TO DO LIST

Read the Announcements in Canvas. This should be a daily habit!

Download the Remind App on your mobile. FREE
Look at the instructions posted in the "Technology Links" Module In Canvas OR in Announcements.
This texting application will allow you to contact me or any others in the class. It is free and your phone number will remain private. I will disable it at the end of the quarter. You can use REMIND as soon as you install it!

Download the Calculator App.
Go to the Canvas page for the course and look at the Module titled, **"Technology Links for other websites. Choose the App that works with your phone.**

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Course Materials:

Aleks: Go to the Canvas page and click on **ALEKS**
                 You will need to create an account. Your user name - your first name followed by the last name.

                 Temporary access code for Aleks: Will be posted in Announcements on Canvas

                 You have 2 weeks to purchase. Once the code expires, you will be locked out of your account until you purchase an Aleks code. BUY ONLINE (Aleks website), since it is cheaper!!

E-book: Elementary Statistics by Navidi & Monk. You will have access to the ebook on Aleks. FREE
                 Supplement: Access to link: *Statistics from OpenStax* (Links to an external site.). FREE

Calculator: FREE: Aleks provides a calculator.
                 CHECK OUT: TI- 83/ 84 Calculator from the library for the quarter. You will need a TI Calculator.

Notebook: Maintain a notebook to handwrite notes/ hints while working on Aleks (**VERY HELPFUL!!**)

Contact me: REMIND App for Texting, Email or Zoom. Set up a Zoom meeting if you need to meet with me.

Attendance: It is best to attend class. If you are unable to come to class, watch the videos that are posted.

Drop Policy: It is the student's responsibility to drop the course. If you miss tests and assignments, you may
                 be dropped. You must come to every class for THE FIRST TWO WEEKS OF CLASS. To avoid being
                 dropped - If you are missing the class during the first 2 weeks, email me and let me know)

Lecture Videos: Course topic Videos are all posted. You can watch them whenever you want.
                 Go to the Canvas Homepage for the course.
                 Click on Lecture Videos. Select and Click on the sections you wish to watch.

ALL ALEKS WORK IS AUTOMATICALLY SUBMITTED ON ALEKS. No Canvas submission for it.
Very easy to use and adapts to your needs.
Provides flexibility of schedule when you are working on the course material.
It provides strong and targeted help on questions.
It is less stressful since grades rely heavily on mastering/ completing the questions asked!

Aleks Objectives (25%): Each Objective contains topics (chapter questions) covered in class. Each question in the chapter starts by showing an example like the question you are going to be solving. You can also click to use all the resources (videos, notes, etc) needed to solve. Keep aside 1 hour for 3 questions (topics). Each Objective is worth 10 points. The lowest 2 (out of 12) grades will be dropped. If you miss the due date for the homework objective, you cannot get an extension. However, you can still work on completing the questions missed. These points will go towards the Pie Progress grade.

Aleks Pie Progress (25%): The Pie Progress looks at the overall completion of the objectives (chapters) by the end of the Quarter. You will be allowed to continue working on the pie till the last Wednesday of the quarter.

Aleks Scheduled Knowledge Checks (15%): There are 3 Knowledge Checks (**Exams**) during the quarter. It is like the objectives. Grades on the Knowledge Checks go towards Pie Progress. Take the In-Person Exams at the time and date stated in the Canvas Homepage Course Summary.

Aleks Finals (10%): Comprehensive In-Person Final exam. Take the Final at the time and date stated in the Final Exam Schedule.

Collaborative Labs/ Worksheet (20%): No extensions will be given. Each group of up to 4 students submit one report. We will work on this and try to finish it during class hours.

Canvas Discussions (5%): Comment on an article, video, general class questions that are posted. This is a great way to communicate our thoughts, ideas, and views. Comments need to be at least 3 lines (36 or more words).
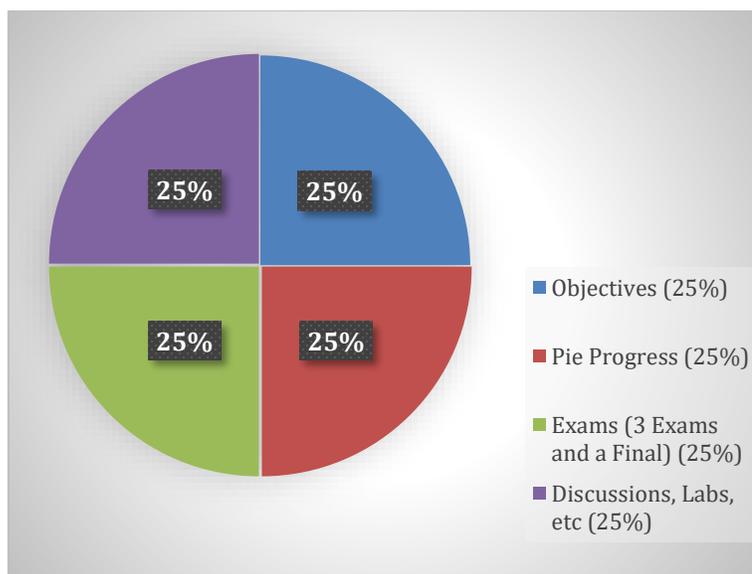
Grade	Percent
A+	$97.5\% \leq score$
A	$92.5\% \leq score < 97.5\%$
A-	$90\% \leq score < 92.5\%$
B+	$87.5\% \leq score < 90\%$
B	$82.5\% \leq score < 87.5\%$
B-	$80\% \leq score < 82.5\%$
C+	$72.5\% \leq score < 80\%$
C	$65\% \leq score < 72.5\%$
D+	$60\% \leq score < 65\%$
D	$55\% \leq score < 60\%$
D-	$50\% \leq score < 55\%$
F	$score < 50\%$

TENTATIVE CALENDAR

Week	Topics Covered during each week	Due dates are also listed on CANVAS.
Week 1	Chapter 1, 2 Algebra Worksheet	Aleks: Take the Initial Knowledge Check (ASAP) Will start working on this in class.
Week 2	Chapter 3, 4 Collaborative Lab 1 (Chapter 2)	Aleks Objective: Chapter 1 due Algebra Worksheet due.
Week 3	Chapter 4, 5	Aleks Objective: Chapter 2 due Lab 1 due
Week 4	Chapter 5 Work on Exam (K.Check)	Aleks Objective: Chapter 3, 4 due Knowledge Check 1 (Chp 1,2,3, 4) due
Week 5	Chapter 6, 7	Aleks Objective: Chapter 5 due
Week 6	Chapter 7 Collaborative Lab 2 (Chapter 7)	Objective: Chapter 6 due
Week 7	Chapter 8 Work on Exam (K.Check)	Aleks Objective: Chapter 7 due Lab 2 due Knowledge Check 2 (Chp 5,6,7) due
Week 8	Chapter 8, 9	Aleks Objective: Chapter 8 due
Week 9	Chapter 11 Collaborative Lab 3 (Chapter 9)	Aleks Objective: Chapter 9 due
Week 10	Chapter 12 Work on Exam (K.Check)	Lab 3 due Aleks Objective: Chapter 11 due Knowledge Check 3 (Chp 8,9,11) due
Week 11	Chapter 14	Aleks Objective: Chapter 12 due
Week 12	**Comprehensive IN-PERSON FINAL** The Date and Time are available in your Final Exam Schedule.	Aleks Objective: Chapter 14 due

CANVAS: We'll be **using CANVAS to manage our course**. Your canvas connection should work, giving you access to all relevant course materials for our class. *Steps for logging into Canvas are listed below.*
1 – Log into **MyPortal**
2 – Click on the link in the left-hand navigation on page then choose
3 – Next, choose "Login to De Anza Canvas Site"
4 – Once on the Canvas Site, select your class.
Zoom Information is listed on your Canvas page.
Our Canvas page contains all the class information, campus help, and tutoring help for our class.
Do not hesitate to contact me by texting, email or a Zoom chat.
Good communication with me (text, talk, email) leads to less stress and thereby a happy student.

<u>Course Description</u>

This course is an introduction to data analysis making use of graphical and numerical techniques to study patterns and departures from patterns. The student studies randomness with an emphasis on understanding variation, collects information in the face of uncertainty, checks distributional assumptions, tests hypotheses, uses probability as a tool for anticipating what the distribution of data may look like under a set of assumptions, and uses appropriate statistical models to draw conclusions from data. The course introduces the student to applications in engineering, business, economics, medicine, education, social sciences, psychology, the sciences, and those pertaining to issues of contemporary interest. The use of technology (computers or graphing calculators) will be required in certain applications. Where appropriate, the contributions to the development of statistics by men and women from diverse cultures will be introduced. This Statistics course is a required lower-division course for students majoring or minoring in many disciplines such as data science, nursing, business, and others.

Student Learning Outcomes

- 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.

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Office Hours:

    M,W   5:30 PM - 6:20 PM   Zoom