Class Location: G6   **Class Time:** MW 1:30 PM - 3:45 PM
Instructor: Shabeena Ahmed   **Office Location:** E37
E-mail: ahmedshabeena_@fhda.edu   **Office Hours:** MW 12:15 PM – 1:15 PM

Required Text: Introductory Statistics, available online or print book about $35 in bookstore
https://openstax.org/details/introductory-statistics.

Chapters: 1, 2, 12, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13

Class Canvas Website: https://deanza.instructure.com/

Required Calculator: TI-83+ or TI-84+ calculator which should be brought to class daily. TI-89 and TI-Nspire are NOT recommended. You cannot use a phone instead of a calculator in an exam. If your phone is out during a quiz or an exam then you will get a zero.

Required Stapler: A stapler is required for turning in homework or classwork.

Grading: Grading will be determined from the following components
        Class Work – 10%
        Quizzes – 10%
        Written Homework – 10%
        2 Projects - 10% each
        2 Midterms - 15% each
        Final - 20%

Grading Scale: At least 98% = A+, 92-97% = A, 90-91% = A-, 88-89% = B+, 82-87% = B, 80-81% = B-, 78-79% = C+, 70-77% = C, 60-69% = D, below 60% = F. You have to get a passing grade for each component of grading to pass the course.

Class Work: All handouts posted on Canvas needs to be printed and brought to class. Work assigned in class may be completed in groups, and have to be submitted and shown in class. If classwork is not completed on a particular day, then it will be due on the following day. A maximum of 2 classwork will be dropped.

Quizzes: Quizzes will be in-class and may be either announced or unannounced. If you are absent then quiz points will be lost and cannot be made up. Two lowest quiz scores will be dropped.

Written Homework: Homework will be assigned almost every class and due dates will be posted on Canvas. Homework assigned on a day will be due one class after that day (eg. HW of Mon will be due on Mon of the next week). NO late homework will be accepted and two HW scores will be dropped. Homework has to be submitted in neat and legible handwriting, stapled in the corner, and each assignment should begin on a new page. Selected problems will be graded on correctness and the remaining will be graded on completeness. To receive full credit you must show all the steps of each problem. It is expected that you spend at least 1-2 hours of doing HW for every class. In the beginning of the class, a few minutes will be spent to discuss HW.

Projects: Two projects will be assigned which has to be completed in a group of 4 members. The first project will be collecting, representing, and analyzing data. And the second will be testing hypotheses using statistical procedures learned during the course, and making conclusions based on that analysis. Project should be typed and stapled WITHOUT fancy covers. While projects need to be completed in groups, they need to be submitted individually. Members will receive individual grades for the project. You have to spend a certain amount of time outside classroom hours to complete the projects.

Midterms/Final: There will be two midterms and one final exam. The *tentative* dates for the midterms are Oct 17 & Nov 21 (it is your responsibility to stay informed of any changes). The Finals is on Monday, Dec. 10, 1:45 PM to 3:45 PM at G6. In your exams, box answers so that it stands out from the work. You must show all steps to get full credit. There will be **NO** make-up exams, unless there is an emergency, in which case documentation may be required.

Prepare for exams early: Start studying for exams several days early. Understand and have a complete grasp of a concept early on. Students who work on a regular basis and don't let work pile up are more likely to succeed on exams. Don't wait until you're drowning to ask for help. You can visit me during my office hours or get FREE TUTORING.

Math Tutorial Center: (S-43) has FREE TUTORING. Drop by the Tutorial Center and ask about the availability of the tutors and work out a schedule for yourself.

Classroom Expectations: The use of cell phones and other electronic items are not allowed during class. Cell phones must be turned OFF. It is expected that everyone in the classroom is respectful of each other and facilitate learning in the classroom.

Add/Drop Policy: It is the responsibility of the student to withdraw from a class prior to the published deadline in order to insure that a penalty grade will not be awarded.

Cheating Policy: A student caught cheating will receive a zero on that exam or assignment. Cheating includes, but is not limited to: using unauthorized notes, books or formulas during an exam, sharing calculators, looking at another student's exam or allowing another student to look at your exam or copying homework solutions. A student who is caught cheating a second time will receive an F for the course. Just do not even think about cheating!

Accommodations: If you need accommodations, let me know by the end of the first week so that I can make required arrangements. For information about eligibility, support services or accommodations due to physical or learning disability see:
- Disability Support Service (DSS): Location: SCS-141 (408) 864-8753; TTY (408) 864-8748
- Educational Diagnostic Center (EDC): Location: LCW 110; (408) 864-8839
- Special Education Division: (408) 864-8407, www.deanza.edu/specialed

Syllabus disclaimer: The instructor may make changes to the syllabus during the quarter, if required. Students will be notified of the changes either in class or by postings on Canvas.

Important Dates:

Sept. 24, M	Classes begin
Oct. 6, Sat	Last day to ADD
Oct. 7, Sun	Last day to DROP with a full refund or credit/with no record of grade
Oct 10, W	Start Project I
Oct 17, W	Midterm I
Oct. 19, Fri	Last day to request pass/no pass grade
Oct 31, W	Project I Due
Nov 7, W	Start Project II
Nov 12, M	Veterans Day, Holiday
Nov. 16, Fri	Last day to drop with a "W"
Nov 21, W	Midterm II
Nov 28, W	Project II Due
Dec 5, W	Classes end
Dec. 10, M	Final Examination at G6 from 1:45 PM to 3:45 PM
Dec. 19, W	Grades Due

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.