Math 10: Elementary Statistics – Spring 2018
Mon. -- Fri. 10:30 a.m. --12:20 p.m. in E-33

Instructor: Office: Email:	Dr. Cheryl Jaeger Balm S-76D balmcheryl@fhda.edu	Office Hours:	Mon. 12:30-2:20 p.m. Wed. 1:30-3:15 p.m.
Counselor: Office: Email:	Luis Carrillo S-43G carrilloluisalberto@fhda.edu	Phone:	408-864-5856

Textbook and Required Materials:
- **Collaborative Statistics** by Illowsky and Dean; 2nd Ed.
  - A PDF is available for free at http://cnx.org/donate/download/5e0744f9-9e79-4348-9237-ed012213a2d6%4040.9/pdf.
  - If you plan on printing the entire book, please see me to borrow a copy of the text instead.
- **Graphing calculator**, TI-84, TI-84+, TI-83 or TI-83+ are strongly recommended.
- **Course pack**, Available in the bookstore. Bring this to class with you every day.
- **Small ruler and stapler**

Class Websites:
- Instructor's website:
  https://www.deanza.edu/faculty/balmcheryl/math10mps_spring18.html
- Canvas, which you can access through MyPortal
- MPS counselors website: http://www.deanza.edu/mps/counsleors.html (includes all counselors' office hours)

This is a collaborative class. You will be expected to work with your classmates both inside and outside of class (no exceptions).

Attendance: Regular, punctual attendance at all class meetings is expected. Students absent during the first week of class will be dropped unless they contact the instructor. Each tardy of more than 10 minutes will count as half an absence, as will leaving class more than 10 minutes early without instructor approval. **A student may be dropped from the class if absent the equivalent of 5 times, no matter what the reason(s).**

Cell phones and other disruptions: Cell phones, tablets, laptops and other electronic devices should not be used, seen or heard during class time unless otherwise instructed. Your cell phone is not considered a calculator for the purposes of this class. If I see or hear your cell phone or you using it during class time, I may confiscate it until the end of that class meeting.   Disruptive talking and other interruptions during class will not be tolerated.

Labs: Lab assignments are done in groups. You will not be able to complete most labs in class.

There are 5 lab assignments are worth 20 points each. You will have 5 points deducted if you are absent the day that the lab data is collected and worked on in class. Late labs will not be accepted for full credit.

Projects: There are two group projects worth 50 points each. Projects must be **typed** and **stapled**. Late projects will not be accepted for full credit.

Homework: Homework is assigned by textbook section (mostly) and will be collected periodically during the quarter. Due dates will be announced and posted online and in Canvas. Each homework set is worth 10 points. Homework should be worked on every night, not just the night before it's due! Do the practices first, then do the homework problems assigned for that day. Do not fall behind! Credit will not be given for answers only, so show all your work. Graphs must be done with a ruler, problems must be in order, and homework must be neat and stapled. **Late homework will not be accepted**.

Midterm Exams: There will be four midterm exams (one-hour each, in class). Each of the midterm exams will focus the material covered since the previous test. **No make- up exams will be given for any reason.** You may bring to the exam one standard sheet of paper (both sides) of **handwritten** notes and a calculator.

Final Exam: There will be a 2-hour final exam worth 150. The exam is comprehensive. You may use two standard sheets of paper (both sides) of **handwritten** notes and a calculator. At the end of the quarter, your final exam will replace your lowest exam score, if the final exam score is higher (as a percentage).

Midterm exam dates:
- Thursday, April 26
- Monday, May 14
- Wednesday, May 30
- Tuesday, June 19

Final exam date: Thursday, June 28, 9:15 – 11:15 a.m.

Grading scale:

Assignments	Points		Total points	Percent	Grade
Exams (4 @ 100 points)	400		783-870	≥ 90	A
Homework (12 @ 10 points)	120		696-782	≥ 80	B
Labs (5 @ 20 points)	100		609-695	≥ 70	C
Projects (2 @ 50 points)	100		522-608	≥ 60	D
Final exam	150				

Student resources:
- Your classmates: Form study groups and learn from one another.

- MPS Tutoring Center: Located in S-41, see http://www.deanza.edu/mps/index.html for hours and tutors' schedules
- MSTRC (Math, Science and Technology Resource Center): Located in S-43, see https://www.deanza.edu/studentsuccess/mstrc/ for hours. [SEP]
- Your instructor: Make use of office hours and email. If you are not available during office hours, please make an appointment to see me at another time. Do not wait until you are drowning to get help! Please come by my office hours for help or to talk about your grade. That is what I am there for! [SEP]
- Student Success Center: See http://www.deanza.edu/studentsuccess/ for online tutoring, workshops and much more. [SEP]

Grade discrepancies: If you have any questions regarding your grade on any assignment, you must discuss the matter with your instructor before leaving the room with the graded material. Once the graded material has left the classroom, no grading changes will be made.

Academic Integrity: Academic dishonesty will not be tolerated. If a student is found cheating and/or copying on any assignment, or violating any other code of academic integrity, he or she will receive a 0 on the assignment and may receive failing grade for the course and/or be reported to the Dean of the PSME Division. Those caught twice will be expelled from the class with an F.

Disability Statement: De Anza College makes reasonable accommodations for people with documented disabilities. Please notify Disability Support Services (DSS) if you have any physical, psychological or other disabilities, vision, hearing impairments or ADD/ADHD. DSS is located in the Registration and Student Services Building, RSS Room 141. Phone number: 408-864-8753. Website: http://www.deanza.edu/dss/.

Important Dates for Spring Quarter 2018:
- Sun., Apr. 22: Last day to drop for a full refund or credit and with no record of grade.
- Fri., May 4: Last day to request pass/no pass grade. [SEP]
- Fri., June 1: Last day to drop with a "W." [SEP]
- Thur., June 28: Final Exam 9:15 – 11:15 a.m.

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.