MATH 10: Introductory Statistics

General Information

- **Course Number: MATH 10: Introductory Statistics**
- **Institution:** De Anza College
- **Terms and Dates:** Fall 2020, September 21 - December 11
- **Lectures:** TR 01:30 - 03:45PM
- **Office Hour:** TBA
- **Instructor:** Maryam Adamzadeh, adamzadm@fhda.edu
  - **Meeting ID:** 940 7775 xxxx
- **Reference:** Elementary Statistics (Picturing the World), 7th edition, by Ron Larson, Betsy Farber, Published by Pearson.
- **Prerequisite:** MATH 114 or equivalent.
- **Web:** All course materials will be on Canvas.

About the Course

Grading Rubric:

- Homework: 25%
- Exams: 60%
- Final Exams: 15%
- Attendance: 5%

Grading will follow the De Anza College standard breakdown on a total percentage scale. $[97, 100]$ for A^+, $[90, 96.99]$ for A, $[87, 89.99]$ for B^+, $[83, 86.99]$ for B, $[80, 82.99]$ for B^-, $[77, 79.99]$ for C^+, $[73, 76.99]$ for C, $[70, 72.99]$ for C^-, $[60, 69.99]$ for D, $[0, 59.99]$ for F. All grades in Canvas automatically follow this scheme.

Homework:
Homework will be assigned and due on a regular basis on the course Canvas. Students are welcome to collaborate on homework, but really do understand the homework material by making your hands dirty and write up the final version of solutions on your own. A due date is shown on each homework assignment on Canvas. If you need an extension due to well-documented emergencies, let the instructor know ahead of the deadline. **Lined paper is required.**

Exams:
There will be three online exams and one final exam. Make-up exam will be offered for students who have well-documented emergencies approved by the instructor and reported within the first two weeks of class.

Instruction to submit homework and exams on Canvas
You have to send only one pdf file which contains your homework or exam. Please don't send several pdf files on Canvas. I would not grade more than one file per homework or exam.

Attendance:
Attendance in class is mandatory. Any absences or tardiness will result in lost points. It is important for students to attend the class on time and participate in all the activities in class for the learning process.

Important Dates:
It is the responsibility of the student to confirm the dates below.
October 3: Last day to add classes.
October 4: Last day to drop classes without a W.
October 16: Last day to request pass/no pass grade for 12-week classes.
November 13: Last day to drop classes with W.

Note:

Exams dates may/will change. Changes will be announced in class. It is the student's responsibility to check and confirm the final exam date and time.

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.

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