

De Anza College
Math 10 - Introduction to Statistics

Instructor: Danny Tran Email: trandanny@fhda.edu

Office Hours: Mon-Thur 1-2PM and by appointment (Zoom)

Book: *Introductory Statistics* by Illowsky, Barbara & Dean, Susan
A FREE pdf version of the textbook is available at:
<https://openstaxcollege.org/textbooks/introductory-statistics>

Required Materials: Graphing Calculator with statistical tests functions: TI-83 PLUS, TI-84, or TI-84 PLUS recommended

Access to a computer; we will be using Zoom, Canvas, and Minitab. Course materials and assignments will be posted on Canvas and WebAssign.

Grading:	Homework (WebAssign) (12)	240 points
	Statistics Labs (4)	200 points
	Term Project	150 points
	Quizzes (5)	200 points
	Final Exam	210 points
	Total	1000 points

WebAssign: This is the online program we will be using to complete homework assignments. It will cost approximately \$40 for online use this quarter.

- 1 - Go to <http://www.webassign.net>
- 2 - Click on "I Have A Class Key"
- 3 - Enter: **deanza 7211 2304**

Expectations:

Math 10 is an incredibly challenging course; be sure you put yourself in the best situation to succeed by having terrific study habits. Below is a list of tasks I recommend that you do in order to best succeed in this course & prepare yourself for calculus:

- ✓ Watch all videos and understand calculator directions
- ✓ Complete all homework
- ✓ Preview each lesson by skimming the lesson for 10-15 minutes before class meets
- ✓ Review your notes each day, making sure you have understood the material
- ✓ Attend office hours (Zoom)
- ✓ Form study groups to complete homework, study for exams
- ✓ Read the textbook
 - Read explanations
 - Work through the completed examples
 - Complete extra practice problems

Grades:

A	[92%, 100%]	B+	[88%, 90%]	C+	[78%, 80%]	D	[60%, 70%]
A-	[90%, 92%]	B	[82%, 88%]	C	[70%, 78%]	F	[0%, 60%]
		B-	[80%, 82%]				

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.