

De Anza College  
Math 10 - Introduction to Statistics

Instructor: Danny Tran                      Email: [trandanny@fhda.edu](mailto:trandanny@fhda.edu)

Class: Mon-Fri 9:30AM - 10:20AM (G7)

Office Hours: M 1:30PM - 2:20PM (E32A)  
WTh 1:30PM - 2:20PM (S43)  
Th 10:30PM - 11:20PM (Email)

Prerequisite: Passing grade (C or better) in Intermediate Algebra or placement exam; Advisory: English Writing 100 & Reading 100 (or Language Arts 100), or English as a Second Language equivalent courses.

Student Learning Outcomes (what you should be able to demonstrate by the end of the course):

1. Organize, analyze, & utilize appropriate methods to draw conclusions based on sample data by constructing and/or evaluating tables, graphs, & numerical measures of characteristics of data.
2. Identify, evaluate, interpret, & describe data distributions through the study of sampling distributions & probability theory.
3. Collect data, interpret, compose, & defend conjectures, & communicate the results of random data using statistical analyses such as interval & point estimates, hypothesis tests, & regression analysis.

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

Related Materials: TI-83 PLUS, TI-84, or TI-84 PLUS graphing calculator is REQUIRED in class everyday.

Attendance: Mathematics is a very demanding subject. As a result, regular (on time) attendance is extremely important. However, I realize that, on rare occasions, unforeseen circumstances may arise that will prevent you from attending class or will force you to be late to class. If you are late or absent, you are responsible for obtaining any missed information. ***Also, you MUST be in attendance during the entire first week of classes to ensure that you are not dropped from the course.***

Grading:	Group Quizzes (4)	14%
	Homework (Drop Lowest Chapter)	12%
	Statistics Labs (4)	10%
	Group Term Project	8%
	Exams (3)	33%
	Final Exam	23%

WebAssign: This is the online program we will be using to complete homework assignments. It will cost approximately \$32 for online use this quarter. If you opt not to pay for WebAssign and decide not to do the online homework, your 12% HW portion will be added to your final exam. If you have any questions about HW, feel free to come to office hours or email me at [trandanny@fhda.edu](mailto:trandanny@fhda.edu).

- 1 - Go to <http://www.webassign.net>
- 2 - Click on "I Have A Class Key"
- 3 - Enter:     **deanza 0276 8007**



**Expectations:**

Math 10 is an incredibly challenging course; be sure you put yourself in the best situation to succeed by having terrific study habits. The De Anza College Math Department strongly suggests that for each hour of instruction, you spend 1.5 - 2 hours, outside of class, studying (**translates to 7.5-10 hours per week**). Below is a list of tasks I recommend that you do in order to best succeed in this course & prepare yourself for calculus:

(5 hours / week) In class:

- ✓ Attend every class (lectures, reviews, quizzes, exams, and labs)
- ✓ Take notes & ask questions
- ✓ Work with students during the worksheet portion of class

(7.5 - 10 hours / week) Outside of class:

- ✓ Preview each lesson by skimming the lesson for 10-15 minutes before class meets
- ✓ Review your notes after class, making sure you have understood the material
- ✓ Attend office hours
- ✓ Form study groups to complete homework, study for quizzes / exams / final
- ✓ Read the textbook
  - Read explanations
  - Work through the completed examples
  - Complete extra practice problems

**Math 10 Schedule - Spring '16 (Tentative Schedule)**

Apr 4 Intro, Syllabus	Apr 5 Ch 1	Apr 6 Ch 1	Apr 7 Ch 1, 2	Apr 8 Ch 2
Apr 11 Ch 2	Apr 12 Quiz #1 Review	Apr 13 <b>Group Quiz #1</b>	Apr 14 Ch 3	Apr 15 Ch 3
Apr 18 Ch 3	Apr 19 Ch 3	Apr 20 Ch 4	Apr 21 Ch 4	Apr 22 Lab #1
Apr 25 Ch 4	Apr 26 Ch 4	Apr 27 Exam #1 Review	Apr 28 <b>Exam #1</b>	Apr 29 Ch 5, Ch 6
May 2 Ch 6	May 3 Ch 7	May 4 Ch 7	May 5 Quiz #2 Review	May 6 Lab #2
May 9 <b>Group Quiz #2</b>	May 10 Ch 8	May 11 Ch 8	May 12 Ch 8	May 13 Exam #2 Review
May 16 <b>Exam #2</b>	May 17 Ch 9	May 18 Ch 9	May 19 Ch 9	May 20 Lab #3
May 23 Ch 9	May 24 Quiz #3 Review	May 25 <b>Group Quiz #3</b>	May 26 Ch 10	May 27 Ch 10
May 30 NO CLASS - Memorial Day	May 31 Ch 11	Jun 1 Ch 11	Jun 2 Exam #3 Review	Jun 3 Lab #4
Jun 6 <b>Exam #3</b>	Jun 7 Ch 12	Jun 8 Ch 12	Jun 9 Ch 13	Jun 10 Ch 13
Jun 13 Quiz #4 Review	Jun 14 <b>Group Quiz #4</b>	Jun 15 Project Day	Jun 16 Final Review	Jun 17 Final Review
Jun 20 NO CLASS	Jun 21 <b>Final Exam (7AM-9AM)</b>			

**Grades:**

A+	$98\% \leq x$	B+	$88\% \leq x < 90\%$	C+	$78\% \leq x < 80\%$	D	$60\% \leq x < 70\%$
A	$92\% \leq x < 98\%$	B	$82\% \leq x < 88\%$	C	$70\% \leq x < 78\%$	F	$x < 60\%$
A-	$90\% \leq x < 92\%$	B-	$80\% \leq x < 82\%$				