

## Course Information

MATH 10.08 ~ Elementary Statistics and Probability, Winter Qtr 2016, De Anza College

Class Meetings: M – F, 10:30 am – 11:20 am, E36

Instructor: Erik Houser, [housererik@fhda.edu](mailto:housererik@fhda.edu)

Office: S-43B, (408) 864-8319

Office Hours: M – Th 11:30 am – 12:20 pm, or by appt.

## Prerequisites

MATH 114, or equivalent, with a C or better; or qualifying score on the Intermediate Algebra Placement Test within one calendar year.

Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

## Student Learning Outcomes for MATH 10

Upon successful completion of the course, the student should be able to:

- 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.

## Materials

Textbook: *Introductory Statistics*, by Illowsky and Dean.

ISBN: **978-1-938168-20-8** available free online ~ [https://openstaxcollege.org/files/textbook\\_version/hi\\_res\\_pdf/15/IntroductoryStatistics-OP.pdf](https://openstaxcollege.org/files/textbook_version/hi_res_pdf/15/IntroductoryStatistics-OP.pdf)

Graphing Calculator TI-83/84 or 83+/84+, or other statistics/graphing/scientific calculator.

WebAssign Access Code for online homework, available at [www.webassign.net](http://www.webassign.net)

**WebAssign Class Key: deanza 8275 2364**

## Attendance Policy

Regular class attendance is expected. **Students missing any day the first week will be dropped from the course.** After the first week, a student may be dropped from the class if she/he is absent **three** times. Dropping or withdrawal from the class due to hardship is the students' responsibility. A student who stops coming to class and does not drop/is not dropped by the instructor by February 26 will receive an "F" grade. It is the students' responsibility to inform the instructor if she/he is going to be absent and the student is responsible for any material covered/announcements made on the day of the absence. **\*\*An "excused absence" is an absence due to a medical emergency, some other unavoidable situation, or school related function that is proven with documentation/other evidence\*\*.**

## Classroom Etiquette/Course Format

The classroom is a learning environment. **No cellular phones or computers should be in use,** unless arrangements have been made prior to the start of class. Once lecture begins, there should be no "social" conversations. I expect that each student will give their best effort to be attentive and participate in the classroom discussions. All students are expected to respect the learning of others and should refrain from disruptive/disorderly conduct or any acts that could negatively impact the classroom learning environment. There should be no derogatory/negative comments about classmates or any communications that could be perceived as ridicule, and students should not be asking their classmates for clarification of topics during lecture.

Every student is expected to show up to class prepared to learn. This means that students should arrive **ON TIME**, have ALL required materials, and be prepared to focus on course content for the duration of the class period. Students are expected to give their best effort in every aspect of this course, including the completion of all problems given as examples in the classroom and those assigned for homework. In addition, students are expected to adhere to the tenets of the Foothill/De Anza Community College District Student Code of Conduct.

Cheating/Academic Dishonesty will not be tolerated; this includes copying the work of another student's review assignment or lab project results. Instances of cheating/academic dishonesty will be dealt with in accordance with De Anza College's policy, and may result in an "F" grade for the course.

## Homework Policy

Homework will be assigned for each chapter that is covered in the class. Online homework is to be completed using WebAssign ([www.webassign.net](http://www.webassign.net), Class Key: **deanza 8275 2364**) Homework assigned online will be due no less than 7 days after it was assigned. There will be, at most, one extension of any specific homework assignment with a 15% reduction for all unfinished problems that will not extend beyond 7 calendar days following the date it was due. The last day to complete online homework will be Thursday, March 24.

**Lab projects that are assigned as homework will not be accepted late.**

## Tutoring

The Math, Science and Technology Resource Center is located in S43 on the De Anza Campus, (408) 864-8683. Hours of operation: Mon - Thurs 8:30 am - 6:30 pm, Fri 8:30 am - 12:30 pm. The student success center website has information for additional student support services: [www.deanza.edu/studentssuccess](http://www.deanza.edu/studentssuccess)

## Disability Support Services

For information or questions about eligibility, support services or accommodations to disability (physical or learning disability) contact Disability Support Service (DSS): Student Services Building (408) 864-8753;  
Educational Diagnostic Center (EDC): Learning Center West 110; (408) 864-8839  
Special Education Division: (408) 864-8407; [www.deanza.edu/specialed](http://www.deanza.edu/specialed)

## Important Dates

Last day to drop for a full refund: Sunday, January 17  
 Last day to drop with no record of grade: Monday, January 18  
 Observance of Martin Luther King's Birthday: Monday, January 18 (no classes)  
 Last day to request Pass/No Pass grade: Friday, January 29  
 Lincoln's Birthday: Friday, February 12 (no classes)  
 Presidents' Day Weekend: Sat/Sun, February 13/14 (no classes);  
 Washington's Birthday: Monday, February 15 (no classes)  
 Last day to drop with a "W": Friday, February 26  
 Last class meeting: Friday, March 18  
 Final Exam: Thursday, March 24, 9:15 am – 11:15 am

## Grading Policy

The grade in this course will be determined by the number of points you earn from each of the following categories: Homework, Quizzes, Tests, Lab Projects, and Comprehensive Final Exam.

ONLINE HOMEWORK	100 POINTS TOTAL (based on % completed)
QUIZZES (6)	20 POINTS EACH
TESTS (3)	75 POINTS EACH
LAB PROJECTS (3)	25 POINTS EACH
FINAL EXAM	100 POINTS
<b>TOTAL</b>	<b>620 POINTS</b>

Letter Grade	Minimum # of Points Required	Minimum % of Total Points Required
A+	620	≥ 100%
A	564	91%
A-	552	89%
B+	533	86%
B	502	81%
B-	490	79%
C+	471	76%
C	440	71%
D+	427	69%
D	378	61%
D-	365	59%
F	0	0%

**Note: NO MAKE UP EXAMS OR QUIZZES;** If you earn a percentage of 100 points on the final exam that is higher than the percentage correct on your lowest test score, that percentage of 75 points will be used to replace that lowest test score. Lowest quiz score will get replaced with average of other six quiz scores. **\*\*Replacement of grade will not occur for zero due to an unexcused absence\*\***

### MATH 10.08 Winter Quarter 2016 Tentative Schedule\*

Monday	Tuesday	Wednesday	Thursday	Friday
Jan 4 Syllabus/Course Introduction	Jan 5 Text ~Ch. 1	Jan 6 Text ~ Ch. 1	Jan 7 Text ~ Ch. 1	Jan 8 Lab #1
Jan 11 Text ~ Ch. 2	Jan 12 Lab #1 due Text ~ Ch. 2	Jan 13 Text ~ Ch. 2	Jan 14 Text ~ Ch. 3	Jan 15 Quiz #1 (Ch. 1)
Jan 18 MLK B-Day Last day to drop with no record of grade **No Class MTG**	Jan 19 Text ~ Ch. 3	Jan 20 Text ~ Ch. 3	Jan 21 Text ~ Ch. 4	Jan 22 Test #1 (Ch. 1 – 2)
Jan 25 Text ~ Ch. 4	Jan 26 Text ~ Ch. 4	Jan 27 Text ~ Ch. 5	Jan 28 Text ~ Ch. 5	Jan 29 Last day to request pass/no pass Quiz #2 (Ch. 3)
Feb 1 Text ~ Ch. 5	Feb 2 Text ~ Ch. 6	Feb 3 Text ~ Ch. 6	Feb 4 Text ~Ch. 6	Feb 5 Quiz #3 (Ch. 4)
Feb 8 Text ~ Ch. 7	Feb 9 Text ~Ch. 7	Feb 10 Text ~ Ch. 7	Feb 11 Lab #2 due Quiz #4 (Ch.5)	Feb 12 Lincoln's B-Day **No Class MTG**
Feb 15 Washington B-Day **No Class MTG**	Feb 16 Text ~Ch. 8	Feb 17 Text ~Ch. 8	Feb 18 Text ~ Ch. 8	Feb 19 Test #2 (Ch. 3 – 7)
Feb 22 Text ~ Ch. 9	Feb 23 Text ~ Ch. 9	Feb 24 Text ~ Ch. 9	Feb 25 Text ~ Ch. 10	Feb 26 Last day to drop with a "W" Lab #3
Feb 29 Text ~ Ch. 10	Mar 1 Lab #3 due Text ~ Ch. 10	Mar 2 Text ~ Ch. 11	Mar 3 Text ~Ch. 11	Mar 4 Quiz #5 (Ch. 9)
Mar 7 Text ~ Ch. 11	Mar 8 Text ~ Ch. 12	Mar 9 Text ~ Ch. 12	Mar 10 Text ~Ch. 12	Mar 11 Test #3 (Ch. 8 – 10)
Mar 14 Text ~ Ch. 13	Mar 15 Text ~ Ch. 13	Mar 16 Text ~ Ch. 13	Mar 17 Text ~Ch. 13	Mar 18 Quiz #6 (Ch. 11)
Mar 21 **NO-CLASS MTG**	Mar 22 **NO-CLASS MTG**	Mar 23 **NO-CLASS MTG**	Mar 24 Final Exam (Ch. 1– 13) 9:15 am - 11:15 am, E36	Mar 25 **NO-CLASS MTG**

\*This schedule may be modified at any point during the quarter to better suit the needs of the class; quiz and test topics subject to change.