

MATH 10.04 ~ *Elementary Statistics and Probability*, Spring Qtr 2016, De Anza College

Class Meetings: M – F, 9:30 am – 10:20 am, G6
Instructor: Erik Houser, housererik@fhda.edu
Office: S-43B, (408) 864-8319
Office Hours: M – F 10:30 am – 11:15 am, 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

Graphing Calculator TI-83/84 or 83+/84+, or other statistics/graphing/scientific calculator; 3-Ring Binder

WebAssign Access Code for online homework, available at www.webassign.net

WebAssign Class Key: deanza 1430 3643

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 May 27 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 supported with documentation/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. **NO EATING OR DRINKING IN THE CLASSROOM.**

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, Class Key: **deanza 1430 3643**) 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. Extensions will not extend beyond 7 calendar days after the original due date. Last day to access homework is Thursday, March 23.

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/studentsuccess

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

Important Dates

Last day to drop for a full refund: Sunday, April 17
 Last day to drop with no record of grade: Sunday, April 17
 Last day to request Pass/No Pass grade: Friday, April 29
 Memorial Day Weekend: Sat/Sun/Mon, May 28/29/30 (no classes)
 Last day to drop with a "W": Friday, May 27
 Last class meeting: Friday, June 17
 Final Exam: Tuesday, June 21, 9:15 am – 11:15 am (classroom)

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)	25 POINTS EACH
TESTS (3)	75 POINTS EACH
LAB PROJECTS (3)	25 POINTS EACH
FINAL EXAM	100 POINTS
TOTAL	650 POINTS

Letter Grade	Minimum # of Points Required	Minimum % of Total Points Required
A+	650	≥ 100%
A	589	91%
A-	576	89%
B+	556	86%
B	524	81%
B-	511	79%
C+	491	76%
C	459	71%
D+	446	69%
D	394	61%
D-	325	50%
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 replace the lowest test score. Lowest quiz score will get replaced with average of two highest quiz scores. ****Replacement of grade will not occur for zero due to an unexcused absence****

MATH 10.04 Spring Quarter 2016 Tentative Schedule*

Monday	Tuesday	Wednesday	Thursday	Friday
Apr 4 Syllabus/Course Introduction	Apr 5 Text ~Ch. 1	Apr 6 Text ~ Ch. 1	Apr 7 Text ~ Ch. 1	Apr 8 Lab #1
Apr 11 Text ~ Ch. 2	Apr 12 Lab #1 due Text ~ Ch. 2	Apr 13 Text ~ Ch. 2	Apr 14 Text ~ Ch. 2	Apr 15 Quiz #1 (Ch. 1)
Apr 18 Last day to drop with no record of grade Text ~ Ch. 3	Apr 19 Text ~ Ch. 3	Apr 20 Text ~ Ch. 3	Apr 21 Text ~ Ch. 3	Apr 22 Test #1 (Ch. 1 – 2)
Apr 25 Text ~ Ch. 4	Apr 26 Text ~ Ch. 4	Apr 27 Text ~ Ch. 4	Apr 28 Text ~ Ch. 5	Apr 29 Last day to request pass/no pass Quiz #2 (Ch. 3)
May 2 Text ~ Ch. 5	May 3 Text ~ Ch. 5	May 4 Text ~ Ch. 6	May 5 Text ~Ch. 6	May 6 Quiz #3 (Ch. 4)
May 9 Text ~ Ch. 6	May 10 Text ~Ch. 7	May 11 Text ~ Ch. 7	May 12 Lab #2 Text ~ Ch. 7 & 8	May 13 Test #2 (Ch. 3 – 6)
May 16 Text ~Ch. 8	May 17 Text ~Ch. 8	May 18 Text ~Ch. 9	May 19 Text ~ Ch. 9	May 20 Quiz #4 (Ch.7)
May 23 Text ~ Ch. 9	May 24 Text ~ Ch. 9	May 25 Text ~ Ch. 9	May 26 Text ~ Ch. 10	May 27 Last day to drop with a "W" Lab #3
May 30 Memorial Day **NO-CLASS MTG**	May 31 Lab #3 due Text ~ Ch. 10	Jun 1 Text ~ Ch. 11	Jun 2 Text ~Ch. 11	Jun 3 Quiz #5 (Ch. 9)
Jun 6 Text ~ Ch. 11	Jun 7 Text ~ Ch. 12	Jun 8 Text ~ Ch. 12	Jun 9 Text ~Ch. 12	Jun 10 Test #3 (Ch. 8 – 11)
Jun 13 Text ~ Ch. 12	Jun 14 Text ~ Ch. 13	Jun 15 Text ~ Ch. 13	Jun 16 Text ~Ch. 13	Jun 17 Quiz #6 (Ch. 12)
Jun 20 **NO-CLASS MTG**	Jun 21 Final Exam (Ch. 1-13) 9:15 am - 11:15 am, G6	Jun 22 **NO-CLASS MTG**	Jun 23 **NO-CLASS MTG**	Jun 24 **NO-CLASS MTG**

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