

Math 10.25: Elementary Statistics

Spring 2016, De Anza College

(Class Meetings: TR, 1:30pm – 3:45pm, MQ-2)

Instructor	Office	Email	Office Hours
Lucy(Yunzhu) He	E37	heyunzhu@fhda.edu	Tuesday: 12:00pm-1:00pm

Welcome to Elementary Statistics

Math 10 is a demanding, but rewarding class. This class requires daily attendance and a minimum of 10 hours per week of study each week outside of class. This is also a collaborative class. You are expected to work with up to three other students on the labs, submitting one lab with all group members' names.

Prerequisite

- Passing grade (C or better) in Intermediate Algebra or equivalent placement exam;
- English Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language equivalent courses.

Student Learning Outcomes

- 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
or print book under \$35 in bookstore
- **Graphing Calculator:** TI-83/84 or 83+/84+
- **WebAssign Access Code** for online homework, available at www.webassign.net

Tutoring

Quarter system classes move quickly. Don't wait until you are drowning to get help. Get help as soon as you have difficulty, while there is still enough time to catch up and improve. If you wait until you are behind, you will have a great deal of difficulty catching up.

- Check the math tutorial center located in S43 for free tutoring, (408)864-8683. For current hours and information: <http://www.deanza.edu/studentsuccess/mstrc/>
- The student success center website has information for additional student support services: www.deanza.edu/studentsuccess
- See the instructor during office hours

Important Dates

Last day to add classes:	Saturday, April 16
Last day to drop for a full refund:	Sunday, April 17
Last day to drop with no record:	Sunday, April 17
Last day to drop with a W:	Friday, May 27
Last class meeting:	Thursday, June 16

Final Exam:	Tuesday, June 21: 1:45-3:45 p.m.
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Grading Policy

CATEGORIES	TOTAL POINTS
WebAssign HW	100
Quizzes(best 5 of 6)	100
Lab Projects (3)	90
Midterm Exams (3)	300
Final Exam	150
TOTAL POINTS	740

Letter Grade	Minimum # of points	Minimum % of Total Points
A+	725	98%
A	688	93%
A-	651	88%
B+	636	86%
B	599	81%
B-	577	78%
C+	562	76%
C	525	71%
C-	503	68%
D+	488	66%
D	429	58%
F	under 429	under 58%

WebAssign Homework

- <https://www.webassign.net/login.html>, online homework program. This is about \$33 charge for the quarter. First two weeks are free. Click on the “I have a class key” button to register. Enter course Key: **deanza 7507 0088** into the boxes and submit. Follow online instructions.
- The online homework is assigned every chapter and is due on **Sunday Midnight**. The homework is collected and graded automatically. Submit homework on time.

Quizzes

- 6 quizzes, 20 points each, best 5 quizzes are counted, total 100 points.
- Quizzes are based closely on homework and classwork. They are primarily written out answers. Grading depends on clarity of work, interpretations, accuracy and completeness of graphs, and explanations as well as numerical answers.
- **No make-up quizzes.** If you are absent for a quiz for ANY reason, you earn a quiz grade of 0.
- If English is a second language, a hard copy English translation dictionary is allowed.

Lab Projects

- 3 projects, 30 points each, total 90 points.
- Lab Projects are technology related activities that may be calculator based or may involve use of statistical software in a computer lab.
- It may be done in groups of up to 4 students with one lab project turned in per group.
- Lab projects will not be accepted late.
- Must be stapled and named.

Midterm Exams

- 3 midterm exams, 100 points each, total 300 points, need a calculator.
- Midterm exams contain free response questions requiring you to write and show work. There are no multiple choice problems. Exams are closed-book.
- You must bring your own calculator. Instructor can NOT lend her calculator.
- You are allowed to bring ONE page (8.5 by 11 inches, 2-sided) of student’s handwritten notes to the exam.
- Exam dates will be notified in advance.
- NO MAKE-UP EXAMS will be given.
- If English is a second language, a hard copy English translation dictionary is allowed.

Final Exams

- 150 points, two hours, comprehensive, mandatory
- No early/late final exams. Schedule is college-mandated.
- Final exam is all free response questions and closed-book.
- Calculator is needed. Instructor can NOT lend her calculator.
- You can bring to the final exam TWO pages of handwritten notes, 8.5 by 11 inches, 2-sided. Notes are collected with the final exam. Instructor keeps both the notes and the final exam papers.
- If English is a second language, a hard copy English translation dictionary is allowed.

Attendance, Drops and Withdrawals

- Regular class attendance is expected. **Students missing any class of the first week will be dropped from the courses.**
- After the first week, a student may be dropped from the class if he/she misses more than 2 classes during the quarter.
- If a student chooses not to complete the class, it is the **student's responsibility to drop or withdraw** by the college deadlines.

Academic Integrity

All students are expected to exercise academic integrity throughout the quarter.

- **Cheating and academic dishonesty are not tolerated and can result in a grade of 0 or F for that quiz/exam/assignment or a grade of F for the course and referral to the Dean for academic discipline.** Any grade of 0 or F due to cheating or academic dishonesty will not be dropped or replaced.
- Cheating includes, but is not limited to: copying from other students, permitting other students to copy from you, plagiarism, submitting work that is not your own, using notes that do not meet permitted specifications, continuing to write/erase on exam/quiz after the permitted time has ended, changing your exam/quiz paper after it has been graded and then requesting a grading correction.
- Using any electronic device other than your approved TI calculator on a quiz or exam may be considered cheating. Sharing a calculator with another student for exam/quiz is considered cheating as work may be saved in memory.

Class Cancellation / Emergency

- If class is canceled for any reason, or if an emergency causes campus to be closed, assume that any quiz, exam or due date scheduled on that date will be rescheduled to our next class meeting.
- If there are other changes, I will announce them in class after classes resume.
- Check the website and email; if necessary and if possible, I may post a message.

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

Additional Information

- Bring your book and calculator to every class
- You cannot use an electronic device other than a calculator during quizzes and exams
- CELL PHONES must be turned off and put away during class
- No private conversations or disruptive behavior in class

HAVE A WONDERFUL QUARTER!