

# MATH 10

Elementary Statistics and Probability

Fall 2018

Section 17, CRN 24945

S-46, 12:30 PM – 1:30 PM MTWRF

## Instructor and Contact Information

Instructor: Louis Kaskowitz

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Phone/Text: (408)866-8460

Office: S-41

Office Hours & Location: Thursday 1:30 PM – 2:30 PM in S-41

Schedule in Math Performance Success Lab (S-41):

Monday/Wednesday: 9:00 AM – 12:30 PM, 5:00 PM – 7:00 PM

Tuesday/Thursday: 9:00 AM – 12:30 PM

## Student Learning Objectives

- 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.

- Course Outline:

<http://ecms.deanza.edu/outlineprogresspublic.html?catalogID=2175>

PREREQUISITE\*\*\*\*\*

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

\*\*\*\*\* Prerequisites are changing for Fall 2018.

Required Materials

- Textbook – *Introductory Statistics*, (2014, yellow cover) by Illowsky & Dean
  - This book is available in several formats free or at a low cost.
  - Purchase of the hardcopy is optional, but it's a course requirement that you have access to a copy of this text.
  - I encourage you to download a free pdf file of this book, which you can find at this web address:  
  
<https://openstaxcollege.org/textbooks/introductory-statistics/get>
  - Hardcopies are available for purchase at the De Anza College Bookstore at a low cost.
- Calculator – Recommended calculators are TI-83, TI-83+, TI-84 and TI-84+. If you have another calculator, please have it approved by the instructor before our first quiz. Your phone is not your calculator. If you have your phone out during a quiz or test, you'll receive a zero on that assessment.
- Class Notes to be downloaded from our CANVAS site. We have class notes for each section we'll cover in our class. Each section of notes will be filled in during our class, so bring them with you! You'll find these very useful tools in studying for our quizzes and exams.

[Class Website / Canvas](#)

We'll be using CANVAS to manage our class documents and deadlines. Your canvas connection should work, giving you access to all relevant course materials for our class.

If you know how to access Canvas, go to it! Otherwise, try these steps:

- Log into **MyPortal** then click on your **Student tab**.
- Once on the student tab, look down the left side of your screen and click on **Log into Canvas** under **My Online Courses**.
- Once in Canvas, click on our course:

***F18 MATH D010 17 Elem Stats/Probability***

Our Canvas page contains LOTS of tools and documents for our class. It includes links to the course syllabus, links to the homework assignments, class notes, and other useful items. It will be updated and modified throughout this quarter.

I will also be communicating with the class using Canvas email and announcements, so log on as soon as possible or you may miss important class information.

I also encourage you to load the Canvas App for your phone and turn on notifications.

[Grading](#)

Grades will be assigned as follows:

Assignment	Percentage of Final Grade
<b>Homework</b>	20%
<b>Quizzes</b>	15%
<b>Labs</b>	10%
<b>Exams</b>	40%
<b>Final Exam</b>	15%

Grade	Percentage
<b>A+</b>	Above 98%
<b>A</b>	92% - 97%
<b>A-</b>	90% - 91%
<b>B+</b>	88% - 89%
<b>B</b>	82% - 87%
<b>B-</b>	80% - 81%
<b>C+</b>	78% - 79%
<b>C</b>	70% - 77%
<b>D</b>	60% - 69%
<b>F</b>	Under 60%

### Late Work/Make Up Policy

There are no make ups for quizzes or exams.

- You must take the quizzes and exams on the dates listed.
- The final exam date and time have been determined and mandated by the college. No early/late final exam may be scheduled. If you know that you are unable to take the final at the date and time above, you must drop the class now.
- Late Policy – Late homework and labs will be accepted with a 10% penalty.
- Dropped/Replaced Grades:
  - Lowest two Homework grades will be dropped.
  - Lowest Quiz will be dropped.
  - Lowest Exam grade will be replaced by Final Exam grade if the Final Exam grade is higher than the lowest exam grade.

### Labs (10% of course grade)

We will have 3 lab grades through the quarter. All grades will be included; no lab grades will be dropped. Unless otherwise indicated, all lab exercises should be completed by teams of 1 - 3 students. Each group will turn in one report per lab, and the score will be the same for all members in the group. Teams can submit homework later than the due date with a 10% deduction from the grade.

### Homework (20% of final grade)

Homework will be assigned on Canvas or as announced in class.

Homework will generally consist of problem sets from the textbook, and can be turned in before the due date in class or submitted electronically through Canvas.

All homework will be assigned weekly and the due dates will be listed on Canvas. Late homework will be accepted with a 10% penalty. At the end of the term I will drop your two lowest homework scores. I ask that each student complete the homework on time. This ensures that I can keep all grades updated and accurate.

If you have homework questions, we'll try to answer them at the beginning of class (time permitting). Otherwise feel free to drop by my office hours, or you can seek help from the tutors in the Math, Sciences & Technology Resource Center [located in S-43].

### Quizzes (15% of course grade)

We will have 10 quizzes; 9 best quiz scores are counted. The lowest quiz score will be dropped; however, you are not allowed to drop a quiz in which you cheat.

- Quiz dates are scheduled after we cover each chapter, and may change as we progress through the quarter. Keep up with adjustments via Canvas.
- Quizzes will be timed and most will last approximately 30 minutes. After each quiz is completed, please plan to stay for the remainder of class time.
- I understand that life happens and that you may miss a quiz during this quarter. Once a quiz has been given to the class, it isn't fair to give a late or make-up quiz, so I drop your lowest quiz score.

#### Exams (40% of course grade)

We will have three exams this quarter, each lasting the whole class period. Each exam will cover only the material discussed since the previous test. Dates for these exams are posted on the course calendar in Canvas, and may be subject to change, although each date will be set firmly at least one week in advance.

I understand that you may be required to miss an exam because of circumstances in life, but my policy is that I don't give make-up exams. If you miss an exam, your score will be recorded as a 0 in the gradebook, and your final exam score will replace your lowest exam score, even if your lowest exam score is a zero. Note that if your lowest exam score is the result of cheating or cell phone misuse, that score will not be replaced by the final exam score, but the next lowest will.

#### Final Exam (15% of course grade)

The final exam is scheduled on **Wednesday, December 12, from 11:30 AM to 1:30 PM.**

The final exam will be 2 hours long, worth at least 15% of your final grade, and it is mandatory. It will be comprehensive and will include all

material covered during the quarter. If you miss the final exam without contacting me, you will receive a score of 0 on the final exam.

## HELP! Don't wait to get it!

We really want to help you succeed. Find resources as soon as you can. Remember, getting help begins with you! You need to ask for it.

Here's a few of your best resources on campus.

- Visit the Math, Sciences & Technology Resource Center during Week 1 of the quarter, located at S-43 or online at <https://www.deanza.edu/studentsuccess/mstrc/>

The center provides free tutoring services in a variety of formats (drop-in tutoring, one-on-one tutoring on a weekly basis, and 24/7 online tutoring).

- Work with other students in this class. Share contact information with classmates and/or set a specific time for meeting (in person or online) to share and work together.
- Join me in office hours or during my other available hours in S-41.

### Accommodations for Students with Disabilities:

If you have questions about these services or your eligibility for support services or eligibility, contact one of the following resources:

- Disability Support Service (DSS): Student Services Building (408) 864-8753, TTY (408) 864-8748
- 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)

Speak with me privately after class or during office hours regarding your accommodations. All exams scheduled out of the classroom must be scheduled for a time period that at least overlaps class hours. Exams will not be authorized for vastly different time periods.

#### [Academic Integrity:](#)

Cheating and academic dishonesty aren't tolerated and can result in a grade of 0 or F for the assignment or a grade of F for the course and referral to the Dean for academic discipline. Just don't do it. Any grade of 0 or F for dishonesty will be dropped and not replaced.

Cheating includes, but isn't limited to: copying from other students, permitting other students to copy from you, plagiarism, submitting work that isn't your own, using notes that don't meet permitted specifications, continuing to write/erase on an exam/quiz after permitted time has ended, changing your exam/quiz paper after it's been graded and then requesting a grading correction.

#### [Class Cancellation / Emergency:](#)

If I need to cancel class or cannot attend, I'll e-mail you as soon as I can using announcements via Canvas.

If class is canceled for any reason or if the campus is closed for an emergency, assume that any quiz, exam or due date scheduled on the date will be rescheduled to your next class meeting. If there are other changes, I'll announce them in the class after classes resume. Check our Canvas page and email for notices/announcements.

In the event of an emergency during class that requires evacuation of the building, leave the class immediately, but calmly. In the event of an



earthquake, take cover under your desk, making sure that your head is protected as best as possible. As soon as possible, evacuate the building.

In the event of a local emergency not requiring evacuation, call 911 immediately.

**Disclaimer:**

Any of information in this syllabus is subject to change if the instructor finds it necessary. Changes will be announced during a class session and posted to Canvas. If you are absent you will still be held responsible for any announced changes to the syllabus.

**Tentative Course Schedule**

Dates related to homework, chapters covered, quizzes and mid-term exams may change slightly as we go through the quarter. I'll will maintain a current calendar on our class Canvas page. Please refer to it as our factual base through the quarter.

**College Schedule & Deadlines:**

OCTOBER 6 – Last day to add classes

OCTOBER 7 – Last day to drop classes with no record of "W"

OCTOBER 19 – Last day to request "Pass/No Pass"

NOVEMBER 16 – Last day to drop classes with a "W"

	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>
<b>Week 1</b>	24-Sep Introductions Chapter 1	25-Sep Chapter 1	26-Sep Chapter 1 <b>Homework 0 Due</b>	27-Sep Chapter 1	28-Sep Chapter 2
<b>Week 2</b>	1-Oct Chapter 2	2-Oct Chapter 2 <b>Chapter 1 HW Due</b> <b>Chapter 1 Quiz</b>	3-Oct Chapter 2	4-Oct Chapter 3	5-Oct Chapter 3
<b>Week 3</b>	8-Oct Chapter 3	9-Oct Chapter 3 <b>Chapter 2 HW Due</b> <b>Chapter 2 Quiz</b>	10-Oct Chapter 3	11-Oct Chapter 4	12-Oct Chapter 4
<b>Week 4</b>	15-Oct Chapter 4 <b>Lab 1 Due</b>	16-Oct Chapter 4 <b>Chapter 3 HW Due</b> <b>Chapter 3 Quiz</b>	17-Oct Chapter 4	18-Oct Chapter 4	19-Oct <b>Exam #1</b> <b>Chapters 1 - 3</b>
<b>Week 5</b>	22-Oct Chapter 5	23-Oct Chapter 5	24-Oct Chapter 5	25-Oct Chapter 6	26-Oct Chapter 6 <b>Ch. 4/5 HW Due</b> <b>Chapter 4/5 Quiz</b>
<b>Week 6</b>	29-Oct Chapter 6	30-Oct Chapter 6	31-Oct Chapter 6	1-Nov Chapter 7	2-Nov Chapter 7 <b>Chapter 6 HW Due</b> <b>Chapter 6 Quiz</b>
<b>Week 7</b>	5-Nov Chapter 7 <b>Lab 2 Due</b>	6-Nov Chapter 7	7-Nov Chapter 8	8-Nov Chapter 8	9-Nov Chapter 8 <b>Chapter 7 HW Due</b> <b>Chapter 7 Quiz</b>
<b>Week 8</b>	12-Nov Veteran's Day <b>No Class</b>	13-Nov Chapter 8	14-Nov <b>Exam #2</b> <b>Chapters 4 - 7</b>	15-Nov Chapter 8	16-Nov Chapter 8
<b>Week 9</b>	19-Nov Chapter 9	20-Nov Chapter 9 <b>Chapter 8 HW Due</b> <b>Chapter 8 Quiz</b>	21-Nov Chapter 9 <b>Lab 3 Due</b>	22-Nov Thanksgiving <b>No Class</b>	23-Nov Thanksgiving <b>No Class</b>
<b>Week 10</b>	26-Nov Chapter 9	27-Nov Chapter 10 <b>Chapter 9 HW Due</b> <b>Chapter 9 Quiz</b>	28-Nov Chapter 10	29-Nov Chapter 11	30-Nov <b>Exam #3</b> <b>Chapters 8 - 9</b>
<b>Week 11</b>	3-Dec Chapter 12	4-Dec Chapter 12 <b>Chapter 10 HW Due</b> <b>Chapter 10 Quiz</b>	5-Dec Chapter 12	6-Dec Chapter 13 <b>Ch 11/12 HW Due</b>	7-Dec Review
<b>Finals</b>	10-Dec	11-Dec	12-Dec <b>FINAL EXAM</b> <b>11:30 AM - 1:30 PM</b>	13-Dec	14-Dec

**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.