

# De Anza College-Math 10-11: Elementary Statistics and Probability SPRING 2016

**Instructor:** Gul Yayli - [yayligul@fhda.edu](mailto:yayligul@fhda.edu)

**Class Meets:** MTWRF between 11:30AM-12:20 PM

**Room:** G7

**Office Hrs:** M, T, W 13:30-14:30 (E37), or by appointment.

**Class Website:**

- <http://nebula2.deanza.edu/~gulyayli/>
- The class syllabus, calendar, and other materials will be posted on the class web site.

**Prerequisites:**

- **Math Prerequisite:** Math 114 Intermediate Algebra with grade of C or better; or equivalent placement
- **English Advisory:** EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273. Although this is a Math course, English reading comprehension and writing are very important in Math 10.

**Textbook:** Introductory Statistics from OpenStax, by Illowsky & Dean.

- Get it free <http://bit.ly/OpenStaxStats>
- Print book can be purchased at the bookstore – cost under \$35 new; used or rental copies may be available

**Materials needed in class:**

- Graphing calculator:
  - Recommended: TI-84, TI-84+, TI-83 or TI-83+ are strongly.
  - You can rent a TI-83+ for \$10 per month from [rentacalc.com](http://rentacalc.com).
- Small ruler and stapler

**Official Course Outline:** <http://ecms.deanza.edu/deptoutlinespublic.html>

**Student Learning Outcomes:**

1. 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.
2. Identify, evaluate, interpret, and describe data distributions through study of sampling distributions and probability theory.
3. 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.

**Evaluation and Grade  
Break Down:**

3 Class Tests	30% (10% each)
Quizzes	10% (1% each, best 5 out of 6 quizzes)
Homework	10% (1% each, 10 Webassign hw.)
5 Labs	10% (2% each)
2 Group Projects	20% (10% each)
Final Exam	20%
Total	100%

A = 90-100% B = 80-89% C = 70-79% D = 60-69% F= below 60%

**Some important  
Dates:**

Saturday, April 16 <sup>th</sup> , 2016	Last Day to Add.
Sunday, April 17 <sup>th</sup> , 2016	Last day to drop with no grade of record.
Monday, May 30 <sup>th</sup> , 2016	Memorial Day - no classes
Friday, May 26 <sup>th</sup> , 2016	Last day to drop with W.

**Homework: Graded homework will be done using WebAssign.**

- This is a program which gives you problems by chapter, you enter your answers and get immediate feedback on how you did.
- This is your graded homework and you will be allowed two attempts at each chapter assignment.
- You should do all the practice and homework problems in the text before attempting the graded homework in WebAssign.
- There is a 15 day trial period for Webassign. The trial does not require an access code and once you obtain the code, you can change to full access.

**WebAssign info:**

- Getting started with WebAssign: <http://bit.ly/DCWebAssign>
- **Class Key** for the WebAssign: **deanza 8849 3969**
- Technical support for WebAssign: Toll free 800-955-8275
- Email support: <http://bit.ly/WebAssign-Support>

**Labs:**

- Lab assignments are done in groups and make use of the calculator.
- You will not be able to complete most labs in class.
  - Labs are worth 2% each. You will have points deducted if you are absent the day that the lab data is collected and worked on in class.
  - No lab grades will be dropped.

**Group Projects:**

- Projects are done in groups and make use of the calculator.
- Projects must be typed and stapled, placed in a file folder.
- Digital submissions are accepted.

**Quizzes:** There are six scheduled quizzes throughout the quarter as indicated on the course calendar.

- There will be **no** make-up quizzes.
- Missing a quiz will result in a score of zero.
- The lowest 2 of your quiz score will not be counted toward your grade.
- Quizzes are closed book.
- You **must** bring your calculator, ruler and small stapler.
- You may bring in one 8 ½" x 11" page (both sides) of handwritten notes.
- If English is a second language, an English translation dictionary.

**Exams:** 3 exams will be given.

- Make-up exams will not be given without receiving approval prior to the exam.
- Exams are closed book.
- You **must** bring your calculator, ruler and small stapler.
- You may bring in one 8 ½" x 11" page (both sides) of handwritten notes
- If English is a second language, an English translation dictionary.

**Tentative Exam Dates:**

Exam #1 Friday, April 22 <sup>nd</sup>	Covers: Chapters 1, 2, and 12
Exam #2 Friday, May 20 <sup>th</sup>	Covers: Chapter 3, 4, 6, 7
Exam #3 Friday, June 10 <sup>th</sup>	Covers: Chapter 8, 9, 10

**Final Exam:** **Monday, June 20<sup>th</sup>, 2016 between 11:30 a.m.-1:30 p.m.**

- Finals must be taken at scheduled time during finals week.
- Comprehensive 2 hour final exam. Closed book.
- You **must** bring your calculator, ruler and small stapler.
- You may bring in one 8 ½" x 11" page (both sides) of handwritten notes
- If English is a second language, an English translation dictionary.
- If you miss the final exam, and do not contact me your final grade in the course will be an F.

- Dropping:**
- If you want to drop the class, do so according to the procedure listed in the schedule of classes. Failure to do so may result in a grade of F for the course.
  - Make sure you pay attention to College dates like the last day to drop a course with No Record, the last day to request a P/NP for a course, and the last day to withdraw from a course.
  - See the Schedule of Classes for these dates on DeAnza Website.

- Attendance:**
- Regular attendance at classes is required and is considered essential for successful academic work.
  - Any student who has accumulated the equivalent of **4** absences will be dropped from the class. It is **your responsibility** to drop the class by the appropriate due date. You assume full responsibility for work missed because of absence. If you must miss a class, it is your responsibility to get notes from another student.
  - Attendance will be taken at the beginning and end of each class meeting, and arriving to class more than **5** minutes after the class starts, or leaving the class more than **5** minutes before class ends will be counted as half absence .
  - If you miss any class, you are expected to email me (Email etiquette).
  - If you miss the first two weeks of the classes, you will be dropped to make room for the wait list students.
  - Add codes will be given on the second-class meeting.

**Tutorial Help:** There are two tutorial centers on the De Anza campus. S-43 provides tutoring for Math and Science and L-47 for everything else. Drop-in tutoring is always available. Individual tutoring is also available. You must complete a form, provided by the Tutorial Center, during the first couple weeks of the quarter to obtain one-on-one tutoring.

**Testing or other accommodations:** If you have a learning or other disability that requires accommodation, please contact either the Educational Diagnostic Center (LCW-110, 408-864-8839) or Disability Student Services (SCS-141, 408-864-8753) to arrange for in-class and/or testing accommodations.

**Disability Support Programs:** De Anza College makes reasonable accommodations for people with documented disabilities. Please notify Disability Support Programs and Services (DSPS) if you have any physical, psychological or other disabilities, vision, hearing impairments or ADD/ADHD. DSPS is located in ATC-209.

- Phone number: 408-864-8407.
- Website: <https://www.deanza.edu/dsps/>

**Academic Integrity:** Academic dishonesty will not be tolerated. If a student is found cheating and/or copying on any assignment, test or quiz or violating any other code of academic integrity, he or she will receive a 0 on the assignment and may be reported to the PSME Dean.

**Cellphone Etiquette:**

- When you come to class, make sure that your cell phone is off, and inside your backpack/purse.
- Students who still are engaged with their cellphones (for any reason) or keeping their cellphones on their desks (for any reason) will be asked to

leave the classroom.

**Email Etiquette:** I expect proper e-mails. As you move towards your professional life, it is important to have a professional approach to e-mails.

A proper email exchange:

- Email is sent from a respectable e-mail address with your name in it.
- Email includes class in subject line and name in text
- Send a response e-mail after you receive your answer.

**Expectations and How to be successful in the course:** I expect students to arrive to class by the start of class and stay the entire period. It is not appropriate to arrive late and/or leave early on a regular basis. If work, classes, or other events are creating such a conflict, please make other arrangements. I expect you to e-mail me if you will miss any classes (see Email etiquette)

- Do all the assigned homework, focusing more on the ones you struggle with.
- Please don't wait until you are drowning to ask for help.
- Please stop by my office during my office hours, or make an appointment with me at a different time, or send me an email with your questions.
- Ask for help with anything you don't completely understand, even if you got the right answer.
- De Anza College has several resources and accommodations for student success, get to know them and make use of the services, they are all for you.
- Have fun.
- Ask questions, asking questions is a crucial part of learning process.
- Pay attention.
- Stay focused.
- Get frustrated, and then unfrustrated.
- Discuss problems with your classmates, get into study groups.
- Spend at least 2 hours on your course per day, study on daily basis, don't leave it all the last minute.
- Have more fun!

Spring 2016 Math 10: Tentative course Schedule

		Monday	Tuesday	Wednesday	Thursday	Friday
Apr	Week#1 Read Ch. 1	Introduction 4	Ch.1 5	Ch.1 6	Ch.1 7	Ch.2 8
Apr	Week#2 Read Ch. 2&12	Ch.2 11	Ch.2 12	Ch.2 Start project #1 13	Ch.2 & Lab#1- problem solving 14	Ch.12-Quiz#1 Read Ch. 12 15
Apr	Week#3 Read Ch. 12	Ch.12 18	Ch.12 Project#1 Data Check 19	Ch.12 Lab#2-problem solving 14	Review 21	Exam#1 (ch.1, 2&12) 22
Apr	Week#4 Read Ch. 3	Ch.3 25	Ch.3 26	Ch.3 27	Ch. 3& Lab #3 problem solving 28	Ch.3 Lab#3- problem solving 29
May	Week#5 Read Ch.4, 5&6	Ch.4 Quiz#2 2	Ch.4 Project#1 Due 3	Ch.4 4	Ch.5/6 Problem solving 5	Ch.6 Quiz#3 6
May	Week#6 Read Ch.6&7	Ch.6 9	Ch.7 10	Ch.7 11	Ch.7 problem solving 12	Ch.7 Quiz#4 13
May	Week#7 Read Ch.8	Ch.8 16	Ch.8 17	Ch.8 problem solving 18	Review 19	Exam#2 (Ch.3, 4, 5, 6,7) 20
May	Week#8 Read ch.9	Ch.8/9 23	Ch.9 24	Ch.9 Start project #2 25	Ch.9 & Lab#4 problem solving 26	Ch.9 Quiz#5 27
May/ June	Week#9 Read ch.10	Memorial Day No class 30	Ch.9 31	Ch.10 1	Ch.10 problem solving 2	Ch.10 Quiz#6 3
June	Week#10 Read ch.11	Ch.10 Project#1 Due 6	Ch.11 7	Ch.11 & Lab#5- problem solving 8	Review 9	Exam#3 (Ch . 8,9,10) 10
June	Week#11 Read ch.13	Ch.11 13	Ch.11 14	Ch.13 15	Ch.13 problem solving 16	Review 17
June	Week#12 Final	Final Exam 9:15-11:15 20	21	22	Finals No class 23	Finals No class 24