Math 10-15 **Elementary Statistics** **Fall 2018**

Instructors: NADIA BENSIDI **Email:** bensidinadia@fhda.edu
Days and Time: Mond-Frid. 11:30-12:20am Room: E33
Office hour: Tuesday, Wednesday 12:30-1:20pm and Thursday 12:30-12:55am **Office:** E-37

READ THROUGH THIS ENTIRE SYLLABUS SO THAT YOU ARE FAMILIAR WITH THE CLASS AND ITS MANY DETAILS.

This is a demanding, but rewarding class. If you cannot commit to a minimum of 15 hours per week of study and group work, then you should take this class in a quarter when you have more time to learn. This is also a collaborative class. You will be expected to work with your classmates both inside and outside of class.

Prerequisite: Passing grade (C or better) in Intermediate Algebra or placement exam; Advisory: English Writing 100 and Reading 100 (or Language Arts 100), or English as a Second Language equivalent courses.

Attendance: You are expected to attend all classes. **Tardy counts as half an absence**. You are considered tardy if you come to class after the attendance has been taken. Also leaving the class early will count **as half an absence**. If you accumulate five absences you will be dropped from the class. Please inform me by email if you are going to be absent and the reason for it. YOU MUST BE IN CLASS EVERY DAY FOR THE FIRST TWO WEEKS OF CLASS OR YOU MAY BE DROPPED. **An absence can be cleared by taking two hours of tutoring.**

Text: The textbook for this course is the Introductory Statistics from OpenStax and is available for **FREE**at: http://openstaxcollege.org/textbooks/introductory-statistics You can use the book online or download a pdf file. I suggest that you do not buy the hardcopy version of the text until you have tried the FREE online version.

Related Materials: Graphing calculator recommended (TI-83 PLUS or TI-84 graphing calculator (preferred)). Small stapler; small pencil sharpener; small ruler. You can borrow the TI83 from the Library if it is available when you need it. The MPS program has also few calculators to lend to students. Let me know if you need to borrow one.

Quizzes: There will be several quizzes. Some of them will be on line and some of them in class. In class quizzes are closed book and with one page of notes (one side) allowed. Quizzes will test your understanding and completion of the homework problems. You will need to do the homework thoroughly and completely to do well on the quizzes. The lowest quiz grade will be dropped. No make-ups are given.

Activities: Activity assignments make use of the calculator. You will not be able to complete most activities in class. No make-ups or late papers will be accepted.

Project: There is one project worth 50 points. It is a group work. One paper will be turn in.

Homework: The Homework is mandatory. The Homework will be available and graded online at WebAssign (http://webassign.net). The lowest score will be dropped.

Exams: 3 exams will be given. Each exam is multiple choice. Bring a ParaScore No. F 1712 available at the book store. No make-ups are given. Exams are closed book. Students may bring to the exam one 8" x 11" page of notes (front and back), a calculator.

Final Exam:** A two-hour comprehensive exam will be given. If you miss the final exam, you will receive an F for the course. Bring a ParaScore No. F 1712 . Students may bring 2 pages of notes (front and back) to the final. Finals must be taken at scheduled time during finals week.

Grades:	Homework	100pts				
	Quizzes	100pts	A+:	Above 94%	A:	90-94%
	Activities	75pts	B+:	86-89%	B:	79-85%
	Project (1@50)	50pts	C+:	74-78%	C:	68-73%
	Exams(3@100)	200pts	D+;	66-67%	D:	60-65%
	Final**	200pts	F:	below 60%		
	TOTAL:	725pts				

Topics to Skip

Ch 3: Venn diagrams	Ch 4: Geometric, Hypergeometric, Poisson Distributions
Ch5: Conditional probability for Uniform distribution	Ch 7: Central Limit Theorem for Sums
Ch 11: Test of variance	Ch 13 Test of two variances

** The final exam counts as two test exams. Therefore they are like five exams and the lowest exam score will be dropped.

Miscellaneous

Chapter videos and podcasts to download are available on Barbara Illowsky's web site: http://faculty.deanza.edu/illowskybarbara/

Take-home papers will not be graded unless they are **STAPLED** (no doggy-ears/folded corners, or paper clips) before class. All papers turned in must be NEAT to earn full credit.

CELL PHONES, Any electronic device (except your calculator) must be turned off and put away during class. Absolutely no noise from them If one goes off during a quiz or exam, you WILL HAVE your paper taken from you.

Tutors are available in S–43, the math and science tutoring center. Go to S-43 to sign up for tutoring.
Students are encouraged to form study groups. Go to S–43 for help in creating a group with a tutor.

Paperss are due by the start of class on the due date. They may be turned in earlier, but THEY WILL NOT BE ACCEPTED LATE.

Graphs should be constructed with a ruler OR done by computer. Always label and scale the axes.

Your grade is based on points and not a "curve."

We expect you to answer word problems and questions with complete English sentences.

CHEATING WILL NOT BE TOLERATED. If anyone is caught cheating, he or she will pay the consequences. That includes the possibility of being expelled from the college.

Student Services:
http://www.deanza.edu/studentservices/
De Anza College has many support services to help you succeed in college. This web site leads you to information about financial aid, child care, counseling, academic support, disability support, student activities, and other services that are here for you. The physical location for most of these services is in the Student Community Services Building.

Last day to add ***10/6/2018***
Last day to drop with No Record: ***10/7/2018***

Census Day: ***10/08/2018***
Last day to request pass/no pass: ***10/12/2018***

TENTATIVE FALL SCHEDULE 2017

	MONDAY	TUESDAY	WEDENESDAY	THURSDAY	FRIDAY
SEP	24 Instruction Begins Ch1	25 Ch1	26 Ch1	27 Ch1	28 **Activity Ch1**
OCT	1 Ch 2	2 Ch 2	3 **Activity Due Ch1** Ch 2	4 Ch 2	5 *Quiz Ch1/2* Ch 2
OCT	8 Ch 3	9 Ch 3	10 ***Start Project*** Ch 3	11 Ch 3	12 Ch. 3
OCT	15 **REVIEW**	16 **EXAM 1** **Ch 1, 2, 3**	17 Ch 4	18 Ch 4	19 Ch 4
OCT	22 Project:DataCheck **Activity Ch4**	23 Ch 5	24 Ch 5	25 Ch 5	26 *Quiz Ch5* Ch 6
NOV	29 **Activity Ch4 due** Ch 6	30 Ch 7	31 *Quiz Ch6/7* Ch 7	1 **REVIEW**	2 **EXAM 2** **Ch 4, 5, 6, 7**
NOV	5 Ch. 8	6 Ch. 8	7 Proj.:Graph Check Ch. 8	8 Ch. 8	9 **Activity Ch8**
NOV	12 **NO SCHOOL** Veteran's Day	13 Ch. 9	14 **Activity Ch8 due** Ch. 9	15 Ch. 9	16 *Quiz Ch 9* Ch10
NOV	19 Ch. 10	20 *Quiz Ch10* Ch. 10	21 Ch. 10 **Project due**	22 Thanksgiving Holiday	23 Thanksgiving Holiday
NOV	26 **REVIEW**	27 **EXAM3**	28 Ch 11	29 Ch. 11	30 *Quiz:Ch11* Ch. 12
DEC	3 Ch 12	4 Ch. 12/13	5 Ch. 13	6 *Quiz Ch.13* Ch. 13	7 **Final Review**
DEC	10 **FINAL EXAM** 11:30-1:30pm	11	12	13	14

Class Key for Webassign: deanza 8976 6757

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.