Math 10-15   **Elementary Statistics**   **Fall 2019**

Instructors	NADIA BENSIDI
Days and Time	Monday-Friday, 11:30-12:20 pm **Room E33**
Email	bensidinadia@fhda.edu
Office Hours	Tuesday, Wednesday 12:30-1:20pm or by appointment **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 211 and Reading 211 (or Language Arts 211), 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**.

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.

Related Materials: 1) A graphing calculator is required: TI 84 or TI-84+. You may use a TI83 or TI 83+ if you already have one

2) **You need to buy a course material available in the De Anza bookstore.**

Quizzes: Many quizzes will be online. Quizzes will be announced in class up to 2 days before. The lowest quiz grade will be dropped. No make-ups are given.

Labs: They are activity assignments called labs. They make use of the calculator. You will be working collaboratively with partners. You will turn in one paper per group. No make-ups or late papers will be accepted.

Homework: The Homework is mandatory. The Homework will be available and graded online at WebAssign (http://webassign.net). You will need to purchase a code to access the Webassign homework. The lowest score will be dropped. The class key for Webassign is:

deanza 5355 4746

Exams: 4 exams will be given. Each exam is multiple choices and worth 50 points. Bring a Score Sheet (# 1712-PAR-L at bookstore). No make-ups are given.   Exams are closed book. Students may bring to the exam one 8" x 11" page of notes, and the 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 Score Sheet (# 1712-PAR-L). Students may bring 2 pages of notes to the final. Finals must be taken at scheduled time during finals week.

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

Grades:					
	Homework	50pts			
	Quizzes	50pts	A+:	96% and above	A: 90%-95%
	Labs	30pts	B+:	86%-89%	B: 79%-85%
	Exams	150pts	C+:	76%-78%	C: 68-75%
	Final**	100pts	D:	60-67%	
	TOTAL:	380pts	F:	below 60%	

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

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.

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.

TENTATIVE Fall SCHEDULE 2019

	MONDAY	TUESDAY	WEDENESDAY	THURSDAY	FRIDAY
SEP	23 Instruction Begins Ch1	24 Ch1	25 Ch1	26 Ch1	27 **Lab Ch1**
OCT	30 Ch. 2	1 Ch. 2	2 **Lab Due Ch1** Ch 2	3 Ch. 2	4 Ch. 2
OCT	7 Ch. 2 Census Day	8 Ch. 3	9 Ch 3	10 Ch. 3	11 Ch. 3
OCT	14 **REVIEW**	15 **EXAM 1 Ch 1, 2, 3**	16 Ch. 4	17 Ch. 4	18 Lab Ch. 4
OCT	21 Ch. 5	22 Ch. 5 Lab Ch4 Due	23 Ch5/6	24 Ch. 6	25 Ch. 6
OCT	28 **REVIEW**	29 **EXAM 2 Ch. 4, 5, 6,**	30 Ch. 7	31 Ch. 7	1 Ch. 8
NOV	4 Ch. 8	5 Ch. 8	6 Ch. 8	7 Lab Ch. 8	8 Ch. 9
NOV	11 **Veteran's Day NO SCHOOL**	12 Ch. 9	13 Ch. 9	14 Ch. 9	15 **REVIEW**
NOV	18 **EXAM 3 Ch. 7, 8, 9**	19 Ch. 10	20 Ch. 10	21 Ch. 11	22 Ch. 11
NOV	25 Ch. 12	26 Ch. 12	27 Ch. 12 **REVIEW**	28 Thanksgiving Day	29 Thanksgiving Day
DEC	2 **EXAM 4 Ch 10, 11, 12**	3 Ch. 13	4 Ch. 13	5 **Final Review**	6 **Final Review**
DEC	9 **Final Exam 11:-1:30pm**	10	11	**12**	13

Last day to add: *10/05/2019*
Last day to drop with No Record: *10/06/2019*
Census Day: *10/07/2019*
Last day to request pass/no pass: *10/18/2019*
Last day to drop with W   *11/15/2019*

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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.