Math 10-MP4	Elementary Statistics	Winter 2019

Instructors	NADIA BENSIDI	
Days and Time	Monday-Friday, 10:30-12:20 pm	**Room G 2**
Email	bensidinadia@fhda.edu	**Office E-37**
Office Hours	Tues. and Thurs. 12:30-1:20pm, and Mon. 12:30-12:55 pm	

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 one hour 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. You can also borrow a hardcopy version of the text from the MPS department.

Related Materials: 1) A graphing calculator TI 84+ will be provided by the MPS program for the whole quarter. You may use or purchase your own if you wish.
2**) A course material will be provided by the MPS program in the form of a binder.**

Quizzes: Quizzes will be announced in class up to 2 days before. Many quizzes will be online. 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.

Project: There is one project worth 30 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: 4 exams will be given. Each exam is multiple choices and worth 50points. 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. It worth 100points. 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+:	88%-89%	B: 80%-87%	B-: 78%-79%
Project	30pts	C+:	76%-77%	C: 68-75%	
Exams	150pts	D:	60-67%		
Final**	100pts	F:	below 60%		
TOTAL:	410pts				

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

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–41, the MPS tutoring center.
Students are encouraged to form study groups.

Papers 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.

The last day to add is **January 19th 2019**
The last day to drop with no record is **January 20th 2019**
The last day to drop with a W is **March 1st 2019**

TENTATIVE WINTER SCHEDULE 2019

	MONDAY	TUESDAY	WEDENESDAY	THURSDAY	FRIDAY
JAN	7 Instruction Begins Ch1	8 Ch1	9 Ch1	10 Ch1	11 **Lab Ch1**
JAN	14 Ch. 2	15 Ch. 2	16 **Lab Due Ch1** Ch 2	17 Ch. 2	18 Ch. 2
JAN	21 **No school** M.L.K	22 Ch. 3	23 ***Start Project*** Ch 3	24 Ch. 3	25 Ch. 3
JAN/ FEB	28 **REVIEW**	29 **EXAM 1** **Ch 1, 2, 3**	30 Ch. 4	31 Ch. 4	1 Ch. 4
FEB	4 Ch. 5	5 Ch. 5	6 Project Data Check Ch5/6	7 Ch. 6	8 Ch. 6
FEB	11 **REVIEW**	12 **EXAM 2** **Ch. 4, 5, 6,**	13 Ch. 7	14 **Lab Ch7** Ch. 7	15 **NO SCHOOL** President day
FEB	18 **NO SCHOOL** President day	19 Ch. 8	20 Proj. Graph Check Ch. 8	21 **Lab Due Ch7** Ch. 8	22 **Project due** Ch. 9
FEB / MAR	25 Ch. 9	26 Ch. 9	27 Ch. 9	28 **REVIEW**	1 **EXAM 3** **Ch. 7, 8, 9**
MAR	4 Ch. 10	5 Ch. 10	6 **Project due** Ch. 10	7 Ch. 10	8 Ch. 11
MAR	11 Ch. 11	12 Ch. 12	13 Ch. 12	14 **REVIEW**	15 **EXAM 4** **Ch 10, 11, 12**
MAR	18 Ch. 13	19 Ch. 13	20 Ch. 13	21 *Quiz Ch.13* **Final Review**	22 **Final Review**
MAR	25	26	27	28 **FINAL EXAM** **9:15-11:15 am**	29

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.