

Instructors
Days and Time
Email

NADIA BENSIDI
Monday-Friday, 12:30-1:20pm
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Room E-33
Office E-37 **Office Hours** Tues. 11:30-12:20pm

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 10 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.

Students 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 distributions data through the study of sampling and 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 estimate, hypothesis tests, and regression analysis.

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.**

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 buy the hard copy at the bookstore.

Related Materials: TI-84 graphing calculator (or TI83+) required. Small stapler; small pencil sharpener; small ruler. You can borrow the TI84 from the Library if it is available when you need it.

Quizzes: 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 also known as labs, 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 "parascor" scantron available at the bookstore. No make-ups are given. Exams are closed book. Students may bring to the exam one 8" x 11" page of notes (both sides), 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.). Students may bring 2 pages of notes (both sides) to the final. Finals must be taken at scheduled time during final's week.

Grades:	Homework	100pts				
	Quizzes (6@ 20)	100pts	A+:	Above 98%	A:	92-97%
	Activities (3@20)	60pts	B+:	86-89%	B:	82-85%
	Project (1@50)	50pts	C+:	74-77%	C:	68-73%
	Exams(3@100)	200pts	D+;	66-67%	D:	62-65%
	Final**	200pts	F:	below 58%		D-: 58-61%
	TOTAL:	710pts				

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.

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.**

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/student-services/>

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.

Saturday, April 22: Last day to [add](#) quarter-length classes.

Sunday, April 23: Last day to [drop](#) a class with no record of grade

Friday, June 2: Last day to [drop](#) with a "W."

TENTATIVE SPRING SCHEDULE 2017

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
APR	10 Instruction Begins Ch1	11 Ch1	12 Ch1	13 Ch1	14 Lab Ch1
APR	17 Quiz: Ch 1 Ch 2	18 Ch 2	19 Lab Due Ch1 Ch 2	20 Ch 2	21 Ch 2
APR	24 Quiz: Ch2 Ch 3	25 Ch 3	26 Start Project Ch 3	27 Ch 3	28 Lab Ch 3
APR / MAY	1 REVIEW	2 EXAM 1 Ch 1, 2, 3	3 Ch 4	4 Lab Ch 3 due Ch 4	5 Ch 4
MAY	8 Ch 4/Ch 5	9 Ch 5	10 Project:Data Check Ch 5	11 Ch 6	12 Quiz: Ch 4/5 Ch 6
MAY	15 Ch 6/Ch 7	16 Ch 7	17 Ch 7	18 REVIEW	19 EXAM 2 Ch 4, 5, 6, 7
MAY	22 Ch. 8	23 Ch. 8	24 Ch. 8 Proj.:Graph Check	25 Ch. 8	26 Lab Ch8
MAY	29 Memorial Day No Class	30 Ch. 9	31 Ch. 9	1 Ch. 9	2 Ch. 9 T.H.Quiz Ch 9
JUNE	5 Ch. 10 T.H.Quizch9 due	6 Ch. 10	7 Ch. 10 Project due	8 REVIEW	9 Exam3 Ch 8,9,10
JUNE	12 Ch. 11	13 Ch. 11	14 Ch 11	15 Quiz. Ch. 11 Ch. 12	16 Ch. 12
JUNE	19 Ch. 12	20 Ch. 13	21 Ch. 13	22 Quiz Ch.13 Ch. 13	23 Final Review Last day of class
JUNE	26	27	28 Final 11:30-1:30pm	29	30