MATH 10 - Spring 2019
Statistics
De Anza College

Class Meetings:	Section 21: MW 1:30 pm - 3:45 pm (Room E36)
	Section 32: MW 4:00 pm - 6:15 pm (Room MLC 108)
	Section 64: MW 6:30 pm - 8:45 pm (Room MLC 108)
Text:	Introductory Statistics, 1st ed, by Illowsky and Dean (available for free online - you **do not** need a hard copy)
	Link to download pdf file of Introductory Statistics:
	http://openstaxcollege.org/textbooks/introductory-statistics/get
	Link to view online at Connextions (www.cnx.org): http://cnx.org/content/col11562/latest/
Instructor:	Leah Lane
Email:	laneleah@fhda.edu
Office Hours:	Fri 9 – 11:30 am (virtual OH - available over email or phone)
	*I will also be setting up free group tutoring on Mondays and Wednesdays, times TBA

Disclaimer: All information in this syllabus is subject to change if the instructor finds it necessary. Changes will be announced during a class session and those who are absent will be held responsible for any announced changes to the syllabus.

Course Information: You should expect to spend at least 10 hours a week **outside** of class in order to be successful in this course. **If you don't have time or can't commit to attend each class *and* do the work outside of class, then you should plan to take this class in another quarter when your schedule permits you to commit the time and effort to succeed. For many of you, this may be your first college level math class, and college level standards apply.** The sophistication of ideas, the speed at which we progress, and expectations are of a different level than in the prerequisite foundation math classes. You will need to read and rely on the textbook and your class notes, in addition to learning the material as covered in class.

Course Description and Outline of Required Topics: http://ecms.deanza.edu/outlineprogresspublic.html?catalogID=2175

Class Requirements: 1. Online homework system Webassign - http://webassign.net
2. Textbook - Introductory Statistics by Illowsky and Dean (available for free online)
   Link to download pdf file of Introductory Statistics:
   http://openstaxcollege.org/textbooks/introductory-statistics/get
   Link to view online at Connextions www.cnx.org:
   http://cnx.org/content/col11562/latest/
3. TI-83, TI-83+, TI-84, or TI-84+ calculator (required in class, every day)
*Cell phones may not be used as calculators
*There is computer access available for students on campus in the Learning Center West basement
*If you choose to use a non-approved calculator, you accept responsibility for becoming proficient in its operation, as statistical methods/computations will be taught/demonstrated on the TI-83/84 Plus only.

Webassign: Most homework is collected and graded using Webassign (http://webassign.net). To get started

click "I have a class key". If your class meets from 1:30 - 3:45 pm, fill in the 3 boxes with the following key: deanza   0936   5580. If your class meets from 4:00 - 6:15 pm, fill in the 3 boxes with the following key: deanza   9228   9644. If your class meets from 6:30 - 8:45 pm, fill in the 3 boxes with the following key: deanza   3728   3529. Assignments are due at 11:59pm on stated due dates unless noted otherwise. Please **do not** send me messages or request extensions through Webassign. I do not accept late HW and I do not check Webassign messages often enough to help you. Please send any HW questions in an email to me directly, and include the specific details of what you have tried so far and where you are stuck (i.e. - not just "I don't get #3").

Need help logging into Webassign?
1) Contact Webassign Tech Help: (800) 955- 8275
　　　　http://www.webassign.net/info/contact_us.html
　　　　http://www.webassign.net/user_support/student/index.html
2) OR ask instructor during office hours.
*A note to save you time on Webassign: keep as many digits as possible and round at the very end of the problem!

Classroom Policies:　　1. A college is an institution of higher learning, and you are expected to behave in a courteous manner at all times. If you are behaving in a manner that inhibits me from teaching or anyone around you from learning, you will be asked to leave and will be marked absent for the day.
　2. You are expected to be in class on time and remain for the entirety of the class meeting. If you must enter or leave the classroom at any time during lecture, please do so quietly and with minimal disruption.
　3. Cell phones and other electronic devices must be **off** (**not** on vibrate) and **put away** during class. If your electronic device causes a disruption during an exam, you will be penalized points. If you are using your electronic device (or it causes a disruption) during lecture, you will lose your exam substitution privilege and I may give the entire class a pop quiz. If your electronic device repeatedly causes a disruption (i.e. more than once), you may be asked to leave class and marked absent for the day. Exit and re-entry are prohibited during exams except for emergency situations. If an emergency arises and you need to leave the room, you will be asked to show proof to the instructor that your cell phone remains in the classroom, otherwise your exam will be over.
　4. If you downloaded the book and/or choose to access slides on your laptop, you may use your laptop during class but not during quizzes or exams. You may only access the textbook and/or slides during class (Note: Inappropriate computer usage, i.e. accessing anything on your laptop other than the textbook or slides during class, will fall under Classroom Policies #3, above). You will also need to bring a calculator, a pencil, a stapler, and lined paper to class every day.
　5. You must show all of your work. No credit will be given for answers without supporting work/detail.
　6. I expect you to attend class every day. That being said, if an emergency prohibits you from being in attendance, it is your responsibility to find out what you missed. Although I do not accept late work, you are still responsible for knowing and understanding the material. Along with course material, I will be announcing exam dates, due dates, changes to this syllabus, etc. in class.
　7. I will be communicating with the class via email numerous times throughout the quarter. It is your responsibility to make sure the school has a current email address for you and that you check it every day.
　8. I may assign seating or ask you to change seats during lecture and/or exams.

9. All work (including exams) needs to be done neatly, legibly, and in pencil. I can't grade it if I can't read it. Failure to meet these requirements will result in a zero on the assignment. See Work Guidelines, below.
10. You may not get all the information you need to complete your homework during class. You will get an introduction to the key points and hopefully some examples from which to work. It is your job to go home and work through the homework and re-read the notes until you understand. This should be done before the next class meeting or else you will start class the next day behind.
11. Please keep all graded papers in the event of a bookkeeping error on my part.
12. You are expected to refrain from side conversation while the instructor is talking, to be attentive, stay on task, and to participate and engage in the class.
13. If you have extenuating circumstances that require special considerations, please bring documentation and we can discuss the issue.

Grading: Letter grades will be calculated based on the following percentages:

A:	92.5 - 100%	C+:	76.5-79.49%	F:	59.49% and below
A-:	89.5 - 92.49%	C:	69.5-76.49%		
B +:	86.5-89.49%	D+:	66.5-69.49%		
B:	82.5-86.49%	D:	62.5-66.49%		
B-:	79.5-82.49%	D-:	59.5-62.49%		

Scores will be weighted as follows:
Exams and Quizzes: 60%
Homework: 10%
Projects, Technology, and Class Assignments: 10%
Final Exam: 20%

Homework: Graded homework will be assigned every chapter and due approximately once a week. Suggested HW for every class meeting is to go home and re-do all examples done in class (without looking at the solutions/answers!) to make sure you can do every problem again (by yourself) and get them all correct (this HW will not be collected/graded). I do not accept late homework. Your lowest homework grade will be dropped. Most homework will be completed in Webassign, but some homework may be paper and pencil assignments. See Work Guidelines, below. I will answer homework questions in class if time permits. Additional help is available in the Tutorial Center (S43) and during office hours.

Exams and Quizzes: Exams will be given approximately every 3-4 chapters and will be announced in advance. No makeup or retests will be allowed. I will replace your lowest exam score with your final exam score if it helps your grade and if you have not forfeited your exam substitution privilege. Quizzes may be given during the semester to check your progress. Quizzes may be unannounced and take place at various times during the class meeting. Quizzes may not be made up for any reason. Information contained in this syllabus is considered fair game for exams and quizzes. You may be required to bring a scantron to exams. For exams, one page of handwritten notes (8.5in x 11in, writing on one side only) will be allowed, and, if English is a second language, a print (not electronic) English translation dictionary is allowed. The instructor will inspect both the notes and the translation dictionary before the exam. If your notes do not comply with requirements, your notes will be taken away and you will take the exam with no notes. If the translation dictionary is found to have additional notes or information, it will be considered cheating (see Academic Integrity, below).

Final Exam: The final exam is mandatory, 2 hours, and will be comprehensive. If your regularly scheduled class meets from 1:30-3:45pm, your final exam will be Monday, June 24th from 1:45-3:45pm. If your regularly scheduled class meets 4 pm- 6:15 pm, your final exam will be from 4 pm to 6 pm on Wednesday, June 26th. If your regularly scheduled class meets from 6:30 pm to 8:45 pm, your final exam will be from 6:15 pm to 8:15 pm on Wednesday, June 26th. There will be no early/late final exams allowed. If you cannot commit to taking the Final Exam during the scheduled time for your section, drop the class now. You may be required to bring a scantron to the Final Exam.

Attendance: If you miss the first class meeting, you may be dropped from the course. Absences in excess of one week's class meetings (2 classes) may be considered excessive. If you have missed this much class time you may be dropped from the course at my discretion. You may be dropped by the instructor if you miss any classes in the first two weeks. If you choose to no longer attend the class, it is your responsibility to officially drop the course. If you stop attending but do not drop/withdraw, you may fail with a grade of F.

Academic Integrity: Cheating and academic dishonesty are not tolerated and can result in a grade of 0 or F on that quiz/exam/assignment and referral to the Dean for academic discipline. Any grade of 0 or F due to cheating or academic dishonesty will not be dropped or replaced. Cheating includes, but is not limited to: copying from other students, permitting other students to copy from you, plagiarism, submitting work that is not your own, using notes that do not meet permitted specifications, continuing to write/erase on exam/quiz after the permitted time has ended, changing your exam/quiz paper after it has been graded and then requesting a grading correction, using any electronic device other than your approved TI calculator during a quiz or exam, or sharing a calculator with another student during a quiz/exam. During a quiz or exam, you should not speak to anyone other than me. It is your job to keep your eyes on your own paper and make it abundantly clear to me that you are working alone.

Educational Access: For information/ questions about eligibility, support services or accommodations due to disability (physical or learning disability) see below. Also, please see the instructor to discuss your situation.
- Disability Support Service (DSS): Student Services Building (408) 864-8753; TTY (408) 864-8748
- Educational Diagnostic Center (EDC): Learning Center West 110; (408) 864-8839
- Special Education Division: 864-8407; www.deanza.edu/specialed

Please Note: If you have any circumstances of which I should be aware, please notify me immediately.

It is your responsibility to understand the syllabus and know the policies for this class. By enrolling in this course, you as the student agree to accept and follow these policies.

Important Dates:

April 8th	Quarter begins
April 20th	Last day to add
April 21st	Last day to drop with no record of grade
May 3rd	Last day to request pass/no pass
May 31st	Last day to withdraw with a "W"
June 24th-28th	Final Exam week (see schedule above)

* Check college schedules to confirm dates shown in this syllabus

Work Guidelines: I would like to see the process of solving the problem reflected in step-by-step solutions. The following are some specific criteria. Points will be deducted if these criteria aren't followed exactly.

1. Your full name, the class, and the due date need to be in the upper right hand corner of the 1st page.
2. If applicable, the section number and a list of the problems assigned need to be in the upper left hand corner of the 1st page
3. The assignment must be complete and neatly written. Points will be deducted for sloppy work. If your work is not legible, I will not grade it and you will receive a zero.
4. The assignment must be logically organized, and problems need to be done in the order they are assigned.
5. Your work needs to be stapled in the upper left hand corner. No paper clips, etc.
6. Do not turn in pages torn from a spiral notebook with ragged edges.
7. You must write out the problem and then proceed to show all steps involved in solving the problem. You need not write out word problems.
8. Answers must be boxed.
9. If applicable, conclusions or interpretations must be written using correct grammar and punctuation.
10. If you do not show work, you will receive a zero.
11. All work needs to be done in pencil. No credit will be given for work done in pen (this includes quizzes and exams).
12. Papers received 5 minutes after the official class start time are considered late and will not be accepted. Exams turned in after time is called will receive a 0.

IF YOU NEED HELP IN THIS MATH 10 CLASS
· **CHECK MATH TUTORIAL CENTER (S-43)** for **FREE INDIVIDUAL, DROP-IN** and **GROUP TUTORING**.

· **UTILIZE OFFICE HOURS** to ask questions about material you are having difficulty with.

· **FIND A STUDY PARTNER OR FORM A STUDY GROUP** early & work consistently through the quarter.
Working with somebody else helps you understand material better. Work with a partner by phone or email if you can't study together in person. Find a study partner who is interested in WORKING along WITH you, not somebody who is trying to earn their points based on your effort without putting in similar effort themselves.

· **DON'T WAIT UNTIL YOU ARE DROWNING TO GET HELP**! **You probably need this class to transfer. Not doing work and/or not getting help early may endanger your transfer plans** which may be delayed if you don't pass Math 10. If you wait until you are behind, you will find it difficult to catch up. Classes taken on the quarter system move quickly. **Get help as soon as you have difficulty, while there is still enough time to catch up and improve.**

· **PREPARE FOR EXAMS EARLY** and utilize any sample questions (with solutions) that you can find. There are practice questions/exams in the textbook. You might also find Math 10 resources on the websites of other professors teaching this class this quarter. A few to try: Professor Bloom, Professor Illowsky, Professor Plum

And lastly, some advice (verbatim) from my former students...
- Review everything all the time because you will forget it. Go over notes on a regular basis. Don't fall behind.
- Dedicate a lot of time to actually study (actually spend 10 hours a week outside of class on the material, it makes it so much easier).
- Don't miss class; you can't afford it in this math class, especially on the quarter system
- Have a well written cheat sheet. Write example problems on your cheat sheet.

- Keep up with the HW because it helped me retain/practice all the information
- Pay attention, buy the right calculator, and take as many notes as possible
- Get the phone number and email of everyone around you. Form a study group.
- Print out the notes/slides and HW from WebAssign. Take notes on the slides and do some of the HW as you're going over similar problems in class.
- She's not playing when she says you'll need 10 hours a week to understand this class chapter by chapter.
- Study. Don't get behind. Don't feel discouraged if you feel like you are not following everything. Sometimes it comes together later.
- Try your best not to skip any classes because it is very easy to get behind, and most concepts were confusing at first.
- Do practice problems using your cheat sheet so you know what information is missing and needs to be added.
- Print the slides! Every time. Mandatory.
- Stay ahead of the course so when you come to class you already have an overall idea. Class will be for filling in the blanks!!!
- Be prepared to take notes, more notes, and sit in the front (don't move to the back cause the cute girl sits there).
- Be prepared, do the HW as soon as possible, read the notes ahead of time to grasp the subject better. And do more practice tests.
- I would advise them that if they don't work to go to the math tutorial center when they can.

Encourage them to re-do HW problems as a method for studying, it really helped me.

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.