

MATH 10 Elementary Statistics	5 days: MTWThF	De Anza College	Winter 2012
Math 10.07 (CRN: 01249) 10:30 am – 11:20 am	Instructor: Roberta Bloom		Phone: 408-864-8591
Math 10.10 (CRN:01252) 11:30 am – 12:20 pm	email: bloomroberta@deanza.edu		
Office: S41A	Office Hours: 1:45 to 2:45 pm Mon., Tues., Wed., Thurs. (No office hours Fri.)		
Instructor's Websites: https://catalyst.deanza.edu AND http://faculty.deanza.edu/bloomroberta			

Math Prerequisite: Completion of Intermediate Algebra Math 114 with grade of C or better; or a qualifying score on the Intermediate Algebra Placement Test within the past calendar year, or equivalent placement.

English Advisory:: English Writing 100 and Reading 100 (or Language Arts 100), or ESL 172 and 173.

Although this is a Math course, English reading comprehension and writing are very important in this course.

Statistics is a demanding but rewarding class.

This class requires daily attendance and a minimum of 10 hours of study each week outside of class.

To transfer to 4-year colleges, Math 10 is required to cover a lot of material and moves at a rapid pace.

At De Anza and *all* colleges, each credit unit represents 1 hour in class + at least 2 hours of study weekly outside of class.

Thus a 5 credit class adds up to 15 hours total, or more, each week. **If you don't have time or can't commit to attend daily *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.**

Course outline: List of required topics: <http://ecms.deanza.edu/outlineprogresspublic.html?catalogID=2175>

YOU MUST READ THROUGH THIS ENTIRE SYLLABUS to be familiar with the class.

For questions about course/class policies, refer to the syllabus. If the syllabus does not answer your question, ask the instructor.

This class uses an online course management system, an online homework system, and an online textbook.

Catalyst Website: <https://catalyst.deanza.edu> This class requires you to use Catalyst, De Anza's online course management system. Catalyst has the syllabus, schedules, assignments, announcements, course materials.

- Follow onscreen QUICK LOG IN instructions After your first log-in, you should change your password.
- Only students registered in this class can login. If adding, ADD IMMEDIATELY to get Catalyst access in 24 to 48 hours.
- Need help logging into Catalyst? Use tech help links on Catalyst site for assistance directly from their support staff.

Webassign: <http://www.webassign.net> **Most homework is collected and graded using Webassign.**

- To get started, click on I HAVE A CLASS KEY Fill in the 3 boxes with key for YOUR correct class section
10:30 class Math 10.07: deanza 1204 8184 **11:30 class Math 10.10:** deanza 2880 8827

First & last name: use your OFFICIAL STUDENT REGISTRATION NAME exactly as you enrolled in the college and course in "MyPortal". Use same email address as in "MyPortal" for all college business.

(If email address in "MyPortal" is not correct, put correct email into both Webassign and "MyPortal".)

- Need help logging into Webassign? See the instructor *in her office*.
- Webassign for this course is available as of Wednesday during the first week of the quarter.
- Cost: \$25.95 for the quarter; pay online with a debit or credit card.
FREE during first 2 weeks of the quarter only; during week 3 you will be required to pay the \$25.95 fee.

Calculator Required Every Day: TI-83, TI-83+, or TI-84+ (see page 5 and Catalyst if you use a TI-89)

Textbook: Collaborative Statistics, 2nd edition, 2011 by Illowsky & Dean - 2nd edition is *NEW* starting fall 2011
Available in a variety of formats at no or low cost:

- Free enhanced interactive web 2.0 version: <http://www.kno.com> (*access information is posted in Catalyst*)
- Free web version at <http://cnx.org/content/col10522/latest/> (*follow online instructions to install math fonts*)
- pdf file of complete print version - download free from links in Catalyst. (*no special math fonts needed*)
- pdf files of individual chapters: see links in Webassign once you have purchased Webassign access
- Print book (RED second edition) can be purchased at the bookstore – cost about \$40 if new.

Required: Bring to class daily: CALCULATOR, RULER, SMALL STAPLER for quizzes& exams;
4 spare AAA calculator batteries

GRADES are based primarily on exams

POINTS ; Approx % of Grade See more information below & on next page.

3 Midterm Exams: 3 @ 100 points	300 points	40-43%
Final Exam (mandatory)	150 points	20-21%
Quizzes 6 @ 20 points, drop lowest	100 points	13-14%
Homework 12 sets @ 10 points, drop 2 lowest	100 points	13-14%
Other Technology & Classroom Activities & Worksheets (to be determined during quarter)	50 – 100 points	7-13%
Total points possible:	700 - 750 points	

COURSE GRADES:		
Minimum percentage needed to guarantee the indicated grade		
A: 93%	A-: 90%	
B+: 87%	B: 83%	B-: 80%
C+: 76 %	C: 68%	
D: 58%	F: under 58%	

HOMEWORK: READ THE TEXTBOOK – REVIEW CHAPTER NOTES – DO ASSIGNED PROBLEMS

- **12 assignments at 10 points each; lowest 2 assignments are dropped; total 100 points**
- **First homework is a calculator/sampling worksheet posted on the course website that students will print out, write on and turn in on paper. The other 11 assignments are submitted online in Webassign.**
- Assignment schedule is in Catalyst and Webassign. Submit homework ON TIME: after the due date, homework can not be submitted for credit, but you will still be able to do it for practice. After the due date & time passes, the answer key is available for students to see.
- The instructor will answer homework questions in class to the extent that time permits. Additional help is available in Tutorial Center in S43 and during office hours.
- Most students need more practice than only doing Webassign homework. Many additional practice problems are available in the textbook and via links on Catalyst to improve your skills for quizzes/exams - you should do them!

QUIZZES: 6 quizzes : best 5 of 6 ; total 100 points; Quizzes are based closely on homework & classwork.

- **You need to do homework thoroughly & completely and pay attention in class to prepare for quizzes.**
- Most quiz questions require you to show your work. You are graded on the quality, completeness and clarity of your work, interpretations, graphs, and explanations as well as your numerical answer.
- ONE page of student's HANDWRITTEN notes permitted, 8.5 by 11 inches, 2 sided; notes are collected with quiz.
- **NO MAKE-UP QUIZZES. Absence earns a grade of 0.**
- **NOTE: Your lowest quiz grade is dropped. If you are absent for a quiz for ANY reason at all, you receive a grade of 0; one such grade of 0 for a quiz absence would then be dropped as your lowest quiz grade.*

MIDTERM EXAMS: 3 exams; 3 @ 100 points each – Bring half-page green scantron #882 & calculator

- Midterm exams are all or part multiple choice; exams may or may not contain some free response questions requiring you to write and show work. Your instructor can NOT lend her calculator and will NOT supply scantrons.
- ONE page of student's HANDWRITTEN notes permitted, 8.5 by 11 inches, 2 sided. Notes are collected with exam.
- **NO MAKE-UP EXAMS. Absence earns a grade of 0.**
- **NOTE: If advantageous, lowest exam grade is replaced by the percentage equivalent grade on the final exam (2/3 of final exam grade), not to exceed 100%. Exam absences earn a grade of 0; one such grade of 0 for absence would be the lowest exam score replaced by the percentage equivalent grade on the final exam*

FINAL EXAM: 2 hours; 150 points; mandatory ; comprehensive: includes ALL material covered during the quarter

- **Bring scantron #882 (50 questions per side) and your calculator.** Final exam is all multiple choice. Instructor can NOT lend her calculator and will NOT supply scantrons.
- 2 pages of student's HANDWRITTEN notes permitted, 8.5 by 11 inches, 2-sided. Notes are collected with the final exam; instructor keeps both the notes and the final exam papers.
- **If you miss the final exam without contacting the instructor, you will receive an F for the course.**
- **Final exam must be taken at the official college scheduled final exam time for YOUR registered class.** No early or late final exams will be given. See college schedule or course schedule for dates and times for current quarter. If you can not commit now to taking the final exam at the scheduled time, drop the class now.

More about QUIZZES & EXAMS: Tentative dates are listed on Catalyst website; any changes will be announced in class (& posted on Catalyst if possible). Students are expected to attend class daily; therefore if you are absent for a quiz or exam, you must deal with it as per the policies above; these policies are valid even if the instructor changes the date of a quiz/ exam.

- An exam or quiz absence means you can no longer replace a poor earned exam grade or drop a poor earned quiz grade.
- If two tentative dates are listed for a quiz/exam, do NOT make advance plans to be absent on one of those days; the date will be chosen to best fit the progress of the class and will not be chosen to suit individual students.
- To get notes returned after a quiz or midterm exam, bring a small stapler and staple your notes to the back of the quiz/exam

ESL: If English is a second language, a print (not electronic) English translation dictionary is allowed for exams/quizzes.

TECHNOLOGY & CLASSROOM ACTIVITIES & WORKSHEETS

- **50 to 100 points of your grade consists of technology activities/worksheets/classroom activities** to be determined during the quarter.
- **These can occur in class anytime in the quarter, often without advance notice.** Activities may be done as part of the day's classwork and, if so, can not be made up if you are absent and miss it. If an activity or worksheet is to be worked on at home, then it must be turned in on time, in class at the beginning of class on its due date.
- Technology activities are required by UC/ CSU for this class to be transferable.

STANDARDS OF WORK: College level work is expected ; work is graded for both accuracy and quality of work.

- **Work must be complete, neat, legible, organized, and in order.** When work/explanation is requested, correct answers must be supported by correct work to receive credit. You may lose credit, even if the final answer is correct: if the instructor can't read/understand your work; if details, work, or interpretations are missing; if work is not logically presented in an understandable manner; if work is shown but is incorrect or not consistent with answer.
- **Interpretation is crucial in statistics:** when interpretations, conclusions or explanations are asked for, use complete sentences that explain concepts and conclusions in the context of the problem.
- **For papers handed in :** Show your full name/class time and staple (no folded corners); otherwise they may not be accepted or you may not receive credit; if pages of your unstapled work come apart, it is considered incomplete.

ATTENDANCE, DROPS, WITHDRAWALS: You are expected to attend all classes, arrive on time & stay for the entire class. Regular attendance is essential for success in math class. Late arrival/early departures are disruptive.

- You may be dropped by the instructor if you miss any classes in the first two weeks.
- The instructor reserves the right to drop/withdraw students who are absent, late, or leave early (or any combination) more than 5 times during the quarter. However the instructor may or may not perform such a drop/withdrawal. Take responsibility to do it yourself if you need to drop or withdraw.
- **College Policy: If the student chooses not to complete the class, it is solely the STUDENT'S RESPONSIBILITY to drop/ withdraw by the college deadlines.** If you stop attending but do not withdraw, you may fail with a grade of F. *Check college schedule to confirm deadlines.*
- **Deadlines:** Drop without W - end of 3rd week: 1/28; Withdraw with W - end of 8th week 3/2

ACADEMIC INTEGRITY: All students are expected to exercise academic integrity throughout the quarter.

- **Cheating and academic dishonesty are not tolerated and can result in a grade of 0 or F for that quiz/exam/assignment or a grade of F for the course 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 graphing calculator on a quiz or exam may be considered cheating. Sharing a calculator with another student for an exam or quiz is considered cheating as work may be saved in memory.

RESPECT OTHER STUDENTS' RIGHT TO LEARN IN AN ENVIRONMENT THAT SUPPORTS LEARNING.

- **No private conversations or disruptive behavior in class.** Students disrupting class may be asked to leave or may be dropped.
- **Turn off & put away cell phones & other devices before class:** if it makes noise & disrupts class, the instructor may ask you to leave. Each time it makes noise during a quiz/exam, the instructor may deduct points from your grade; if it makes noise more than once during a quiz/ exam during the quarter, the instructor may take your paper and ask you to leave.

BE PREPARED: Your preparation affects your and other students' ability to learn in class.

Bring required materials and keep up to date daily so that you are prepared to participate in a constructive manner to hands-on class learning activities. Active learning and exploration of ideas are possible when students come to class capable and prepared. If students are unprepared, an activity may fail as a demonstration of the concept it is designed to illustrate, adversely affecting everybody's opportunity to learn.

EDUCATIONAL ACCESS: For information or questions about eligibility, support services or accommodations due to disability (physical or learning disability) see contacts below. Also, please see 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

ABSENCE & PROMPTNESS: If you are absent/late repeatedly, you will find it difficult to keep up and catch up

- **You are responsible for keeping up and to be aware of schedule changes even when absent.**
Get classmates' contact information so you can get notes, etc.
- Instructor will not repeat lectures during class, office hours, or any other time. If you are absent, read the textbook and go to the tutorial center first; then come to office hours if you still have specific questions.
- **Arrive on time** - Plan extra time to avoid traffic and parking problems.
- If on rare occasions, you unavoidably arrive late or must leave early, sit near the door and do not disturb class.
- If you disrupt class you may be asked to leave immediately, resulting in an absence for that day.
AFTER CLASS, tell the instructor you were late and pick up any handouts or papers returned at the start of class.

CALCULATOR: TI-83, 83+, 84+ have the required statistics programs : the instructor demonstrates these in class.

- If your calculator is lost, stolen, or broken, etc. it is your responsibility to obtain a calculator to use.
The library has TI-83/84 calculators for limited loans; you need a DASB card to borrow one.
- TI-89 is acceptable but NOT recommended - it is harder to use for this class than TI-83/84.
If using a TI-89, you must take sole responsibility for downloading the Statistics List Editor programs onto your calculator via TI website and for learning on your own how to use it for this class.
- Cell phones or other devices can NOT be used as a calculator on a quiz or exam.
Students can NOT share calculators for quizzes or exams. The instructor can NOT lend her calculator.

COMPUTERS AND WEBSITE: This class requires several online computer resources (*refer to page 1 of syllabus*)

- Computers with internet access are available in the Library West Computer Lab
408-864-8850 or <http://www.deanza.edu/library/librarywestcomputer.html> to get computer lab schedule
- **Catalyst:** <https://catalyst.deanza.edu>: password protected website for this course
- **Webassign:** <http://www.webassign.net> : homework system to collect & grade homework.
- **Textbook:** <http://cnx.org/content/col10522/latest/> and also see other links within Catalyst
- **Open access website:** <http://faculty.deanza.edu/bloomroberta/> (no log-in or password needed)
contains duplicates of *some but not all* resources on the Catalyst website and some additional resources

SCHEDULE CHANGES, CANCELLATION, EMERGENCY: Schedule changes, if any, will be announced in class. If class is canceled for any reason, or if an emergency causes campus to be closed, assume that any quiz, exam or due date scheduled on that date will be rescheduled to our next class meeting. If there are other changes, I will announce them in class after classes resume. Check the website; if necessary and if possible, I may post a message.

STATISTICS IS DIFFERENT FROM OTHER MATH CLASSES

Everything you learn in statistics class is relevant on a personal level to your everyday life and your professional/educational goals. In the real world, decisions that affect your daily life are made using techniques we learn in this class. Statistical methods are used to determine the safety of the car you drive, safety and effectiveness of medical treatments, to analyze educational programs, to shape public policy, to schedule TV programming, and in sports. You read and hear statistics in the media every day.

Examples and problems are drawn from real life situations - most problems are "word problems" giving a context to the data. Using critical thinking, reading, and communication skills to understand, interpret and explain results is as important as doing calculations. Answers require explanation to make sense to others and to interpret what the calculations tell you. Attention to detail is important.

Statisticians use computer technology to work with data. You will use your calculator as your own personal "statistics computer" to analyze data and carry out statistical tests, using it in class, at home, and on exams and quizzes. You will find that you will depend heavily on this important tool in studying modern statistics. We may also use computers in class to analyze data and draw conclusions.

IF YOU NEED HELP IN THIS CLASS

For many of you, this may be your first college level math class, and college level standards apply.

You may find that 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 the instructor's web notes, in addition to learning the material as covered in class.

- CHECK THE MATH TUTORIAL CENTER (S-43) for FREE INDIVIDUAL, DROP-IN or GROUP TUTORING.
NOTE: Availability of free tutoring is expected but not guaranteed – depends on tutor/funding availability
- SEE THE INSTRUCTOR DURING 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 students understand material better. Work with a partner by phone or email if you can't study together in person. Work together on campus in the tutorial center or in a study room in the learning center. 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 expending similar effort themselves.
- DON'T WAIT UNTIL YOU ARE DROWNING TO GET HELP.
You probably need this class to transfer. Not doing the work and/or not getting help early enough may endanger your transfer plans which may be delayed if you don't pass the class. If you wait until you are behind, you will have a great deal of difficulty catching 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: Students who start studying several days early and try sample exams are much more likely to be successful in this course. My biology instructor colleagues say it takes 2 nights of sleep for material you study to become set in your long-term memory. If you cram the day before, you may "blank out" when trying to answer exam questions, or may not recall it quickly enough to finish in time.
 - Exam/Quiz Practices (Prof. Bloom): [http://faculty.deanza.edu/bloomroberta/stories/storyReader\\$107](http://faculty.deanza.edu/bloomroberta/stories/storyReader$107)
 - More practice exams (Prof. Plum): [http://faculty.deanza.edu/plumkathryn/stories/storyReader\\$38](http://faculty.deanza.edu/plumkathryn/stories/storyReader$38)
 - More Practice quizzes/exams (Profs. Illowsky and Dean) at either link below:
<http://cnx.org/content/col10586/1.2> or <http://sofia.fhda.edu/gallery/statistics/exams.html>
Use Dean and Illowsky's practice quizzes, identified by chapter, to review for quizzes and midterm exams. Use their practice exams to review for the final exam. (The online practice exams at this site may not correspond to the same chapter order as our exams for this class.)
 - Practice final exams: <http://cnx.org/content/m30945/latest> ; <http://cnx.org/content/m30993/latest>
- CHECK THE WEB for helpful resources.
The course websites contain your instructor's support materials such as chapter notes, calculator instructions, etc.
Catalyst Website: <https://catalyst.deanza.edu> (course information, schedules, links)
Online Textbook: <http://www.kno.com> and <http://cnx.org/content/col10522/latest/>
Webassign: <http://www.webassign.net> (homework, textbook chapters, chapter videos)
Math 10 open website: <http://faculty.deanza.edu/bloomroberta/>
Open website contains useful info and duplicates some but not all materials available in Catalyst – BUT does NOT contain current quarter schedule information or due dates or assignments.
Video lectures/podcasts by authors Illowsky & Dean: <http://cnx.org/content/m18746/latest/#videolectures>
Video mini-lectures/podcasts by Prof. Larry Green at Lake Tahoe Community College:
<http://www.ltcconline.net/green1/courses/201/CamtasiaStatCrunch/index.htm>
There is also a wealth of online resources from many other instructors teaching Statistics at De Anza College:
 - Prof. Barbara Illowsky: <http://faculty.deanza.edu/illowskybarbara/>
 - Prof. Kathryn Plum: <http://faculty.deanza.edu/plumkathryn/>
 - Prof. Susan Dean: <http://faculty.deanza.edu/deansusan>

Math 10 Elementary Statistics - Tentative Schedule - Winter 2012 Instructor R. Bloom - 5 day class

Check the CATALYST weekly outline throughout the quarter for schedule details, adjustments, changes

Schedule for Graded Worksheets/technology activities: these occur throughout the quarter - dates to be determined.

Therefore they are not shown on this schedule - some are unannounced; some may be announced in class or on CATALYST

For all EXAMS: Need green scantron #882, calculator, pencils, eraser; instructor does NOT have extra to supply

For all Quizzes - Need calculator, stapler, ruler pencils, eraser

For all Exams and Quizzes - 1 page hand-written notes permitted (8"x11.5", both sides)

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sun.
Week 1	9-Jan READ Ch. 1 tonight & watch related videos Log Into Catalyst Read Syllabus	10-Jan Ch. 1 Print./Bring Ch 1 Notes	11-Jan Ch. 1 Webassign available Log into Webassign today to be sure you can access it Bring calculator every day	12-Jan Ch. 1,2 Print./Bring Ch 2 Notes Bring Calc/Sampling HW Worksheet	13-Jan Ch. 1,2 Calculator/Sampling HW due today Hand in at start of class HW not accepted late READ Ch. 2 on weekend & watch related videos	14-Jan Check college website for deadlines to drop with refund	15-Jan
Week 2	16-Jan College closed Martin Luther King Jr Holiday	17-Jan Ch. 2	18-Jan Ch. 2	19-Jan Ch. 2 Webassign HW #1 due online 9pm	20-Jan Ch. 2 QUIZ: Ch 1 & 2 READ Ch. 3 on weekend & watch related videos	21-Jan Last Day to Add	22-Jan
Week 3	23-Jan Ch. 3 Print./Bring Ch 3 Notes	24-Jan Ch. 3	25-Jan Ch. 3	26-Jan Ch. 3 Webassign HW #2 due online 9pm	27-Jan Ch. 3,4 QUIZ: Ch 2 & 3 Print./Bring Ch 4 Notes READ Ch. 4 on weekend & watch related videos	28-Jan Last Day to Drop - No W	29-Jan
Week 4	30-Jan Ch. 4	31-Jan Ch. 4	1-Feb EXAM: Ch 1, 2, 3	2-Feb Ch. 4 Webassign HW #3 due online 9pm	3-Feb Ch. 4 Last day to request P/NP grade at A&R READ Ch. 5 on weekend & watch related videos	4-Feb	5-Feb
Week 5	6-Feb Ch. 5 Print./Bring Ch 5 Notes Webassign HW #4 due online 9pm	7-Feb Ch. 5	8-Feb Ch. 6 Print./Bring Ch 6 Notes READ Ch. 6 & watch related videos	9-Feb Ch.6 Webassign HW #5 due online 9pm	10-Feb Ch. 6 QUIZ: Ch 4, 5 READ Ch. 7 on weekend & watch related videos	11-Feb	12-Feb
Week 6	13-Feb Ch. 7 Print./Bring Ch 7 Notes	14-Feb Ch. 7	15-Feb Ch. 7 Webassign HW #6 due online 9pm	16-Feb Ch. 8 QUIZ: Ch 5, 6,7 READ Ch. 8 on weekend & watch related videos	17-Feb College closed President's Holiday	18-Feb	19-Feb
Week 7	20-Feb College closed President's Holiday	21-Feb Ch. 8 Print./Bring Ch 8 Notes	22-Feb EXAM: Ch 4, 5, 6, 7	23-Feb Ch. 8	24-Feb Ch. 8,9 READ Ch. 9 on weekend & watch related videos	25-Feb	26-Feb
Week 8	27-Feb Ch. 9 Webassign HW #7 due online 9pm Print./Bring Ch 9 Notes	28-Feb Ch. 9	29-Feb Ch. 9	1-Mar Ch. 9 Webassign HW #8 due online 9pm	2-Mar QUIZ: Ch 8,9?? (to be decided) Last Day to Withdraw with a W READ Ch. 10 on weekend & watch related videos	3-Mar	4-Mar
Week 9	5-Mar Ch. 10 QUIZ: Ch 8,9?? (to be decided) Print./Bring Ch 10 Notes	6-Mar Ch. 10	7-Mar Ch. 10	8-Mar Ch. 10	9-Mar Ch. 10	10-Mar	11-Mar
Week 10	12-Mar Ch. 10, 12 Webassign HW #9 due online 9pm Print./Bring Ch 12 Notes	13-Mar Ch. 12	14-Mar EXAM: Ch 8, 9, 10	15-Mar Ch. 12 READ Ch. 12 & watch related videos	16-Mar Ch. 12 Start Reviewing for Final Exam	17-Mar	18-Mar
Week 11	19-Mar Ch. 11, 12 Webassign HW #10 due online 9pm	20-Mar Ch. 11 QUIZ: Ch. 12 READ Ch. 11 (independence & goodness of fit) & watch related videos	21-Mar Ch. 11	22-Mar Ch. 11	23-Mar Ch. 11 Webassign HW #11 due online 9pm	24-Mar	25-Mar
Week 12	26-Mar Last Day of Regular Class Last Day of Office Hours	27-Mar FINAL EXAM WEEK	28-Mar FINAL EXAM 10:30 class 9:15 - 11:15 am Note EARLY time!	29-Mar FINAL EXAM 11:30 class 11:30 am - 1:30 pm			

For Final Exam: All chapters 1 thru 12
Required: Scantron #882, calculator, pencils & eraser
Permitted: 2 pages of notes, 2 sided (8 by 11.5 inch pages)
 Notes must be handed in with final exam; notes and exam are not returned to students
Be on time! - NO extra time given if you arrive late for the final exam **Your course grade is F if you do not take the final exam.**