MATH 10.66Z
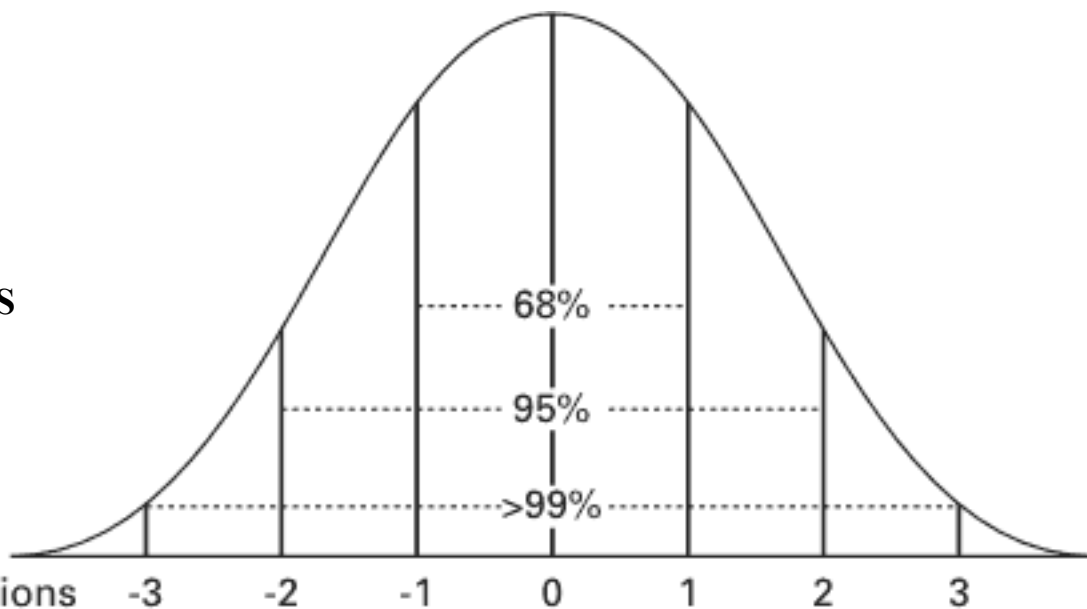**STATISTICS**

FALL 2015
LISA MARKUS

For more information about the Normal Distribution curve (shown above) see Chapter 6: The Normal Distribution in Introductory Statistics by Illowsky/Dean.

CONTACT INFORMATION
Dr Lisa Markus
Email: markuslisa@deanza.edu
The best way to contact me is via email.
OFFICE: S76 F
Office Hours: Tuesday 5:10 – 6:15pm or by appointment
Webpage: http://www.deanza.edu/faculty/markuslisa

Welcome to Statistics!

This is a distance learning class with an online course with a **required** once a week class meeting on Tuesdays, 6:30-8:20 pm in S-54. This class is for the highly motivated, independent and mature learner who still wants a weekly class to go over homework and do technology based projects in groups Since this is a distance learning class, you should strive to learn the material on your own. However, I am here to help so please email me or post questions in Catalyst if you need assistance. Please plan to commit a minimum of 15 hours per week to this course. Please read this syllabus in its entirety

Student Learning Outcomes for this course are:

(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 data distributions through the study of sampling 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 estimates, hypothesis tests, and regression analysis.

TEXTBOOK AND MATERIALS FOR MATH 10

REQUIRED*: Introductory Statistics* by Illowsky, Barbara, and Dean, Susan. (print or online) All of the text is free online. Use or download at: https://openstaxcollege.org/textbooks/introductory-statistics/get or at http://cnx.org/content/col11562/latest You may also purchase a printed copy at the De Anza College bookstore: http://books.deanza.edu/home.aspx .

REQUIRED: Note pack, please print from http://www.deanza.edu/faculty/markuslisa/ (use the on the left link to **Fall 2015**) or you can purchase the note pack at the De Anza bookstore. You **MUST** bring a printed copy to class in order to participate.

REQUIRED: To access **CATALYST**: https://catalyst.deanza.edu (not available until the start of the quarter. Free.) Used for keeping track of your grades and to take the online quizzes. There are online quizzes in Catalyst. Your top 10 online quiz scores count towards your final grade.

REQUIRED: To access **WEBASSIGN** ONLINE HOMEWORK: http://www.webassign.net (Not available until start of the wuarter. Costs about $30.) Class Key: **deanza 8724 7739**

REQUIRED CALCULATOR: TI-83+ or TI-84+. You can rent one at http://www.rentcalculators.org School discount code is dacc95014

OPTIONAL: To access the chapter **VIDEOS**: http://itunes.apple.com/us/itunes-u/math-10-elementary-statistics/id431446414 There are additional links to the videos in Catalyst.

Note to students with disabilities If you have a disability-related need for reasonable academic accommodations or services in this course, provide me with a Test Accommodation Verification Form (also known as a TAV form) from Disability Support Services (DSS) or the Educational Diagnostic Center (EDC). Students are expected to give **one week** notice of the need for accommodations. Students with disabilities can obtain a TAV form from their DSS counselor (864-8753 DSS main number) or EDC advisor (864-8839 EDC main number).

Homework
The purpose of homework is to help you learn the material in the course. You learn the most and do your best if you do the homework problems. You are expected to do the chapter Practice in the book before attempting the Homework in the book. The homework you do using **Webassign** will count towards your grade. Your 10 highest **Webassign** homework scores count towards your final grade.

Technology Based Projects / Labs
Technology Based Projects (Labs) make use of the TI graphing calculator, and will be done groups of up to four members. Turn in one copy with all of the group members' names on the top. Labs are due during the first 5 minutes of class. All labs must use the data shared in class. All labs must be handed in to the instructor with all pages **STAPLED** together, or emailed as a **SINGLE** file before the due date and time. If I cannot open your attachment, your grade is 0. **Late papers will receive a grade of 0. Labs will be started in groups in class.** If you are not **actively participating** on the lab in class on the day we start it, your

grade is 0. This means if you miss the class when we start the lab, you will not get any credit for it.

Quizzes

There are several **in-class** quizzes. Your top 3 scores will count towards your final grade. Your 10 highest **online** quiz scores will count towards your final grade, this also takes into account any technical difficulties you may have. NO EXTENSIONS WILL BE GRANTED.

Exams

Three Midterm Exams and one Final Exam will be given. Bring a small brown scantron (#2052 at the college bookstore counter), a #2 pencil and an eraser to each exam. You must also **BRING A PHOTO ID**. You may bring one 8 1/2 inch by 11 inch page (both sides - this is only ONE piece of paper, not two glued together, etc.) of notes for the Midterm Exams (TWO pages for the Final Exam), a calculator, and, if English is a second language, a print (not electronic) English translation dictionary.

There are absolutely NO MAKEUPS for missed exams. I count your top 3 exam scores (out of the 4 exams), **plus** the final exam score. Therefore, it is possible your final exam score will be counted twice. **If you do not take the final exam at the given time, your grade for the course will be F.**

PLEASE be respectful of other students. During all class time including exams, all electronic devices, other than your TI calculator, must be OFF. If your phone, pager, or any other electronic device goes off during an exam, even on vibrate mode, your exam must be turned in immediately and you may receive a 0 for the exam.

Make-ups: There are **absolutely NO make-ups** for any work. Exams not taken at the official time will result in a grade of 0. Late labs will receive a grade of 0.

Dropping/Withdrawing from the Course

IT IS YOUR RESPONSIBILITY TO DROP OR WITHDRAW IF YOU NEED TO. It is also your responsibility to check http://www.deanza.edu/calendar/ for the De Anza College deadlines.

Classroom Behaviour

Rather than spending several paragraphs stating what is not allowed. I will just say that you must behave with respect to all others in the class, and of course your **cell phone** and all other electronic devices, other than your calculator, **must be OFF** (not in vibrate mode). Disrespectful behaviour (which includes, but is not limited to, noise from electronic devices, being persistently late or leaving early) may result in you being asked to leave the class, and/or being dropped from the class, and/or being reported to the Dean, any of which could result in an F for the course.

ATTENDANCE POLICY

Attendance is required. I will drop any student who does not attend the first class meeting on Tuesday 22 September, 6:30 pm.

Topics to Skip
Please skip the following topics when you see them here online or in your textbook.
Chapter 3: Venn Diagrams
Chapter 4: Geometric, Hypergeometric, Poisson
Chapter 7: Central Limit Theorem for Sums
Chapter 11: Test for Single Variance
Chapter 13: Test of variance

Grading

Type	Description	Total Points
4 Exams (including final)	Top 3 out of 4 @ 100 points each	300
Final Exam**	100	100
In Class Quizzes	Top 3 @ 20 points each	60
Online Quizzes	Top 10 @ 10 points each	100
Tech. based projects/Labs	Top 3 @ 20 points each	60
WebAssign online homework	Top 10 @ 10 points each	100 Max
TOTAL		720

** If you do not take the Final Exam at the given time, your grade for the course will be F.

Letter Grade	Lowest Percentage for the letter grade
A	92%
A-	90%
B+	88%
B	82%
B-	80%
C+	78%
C	70%
D+	68%
D	62%
D-	60%
F	0%

Cheating
Students who submit the work of others as their own or cheat on exams or other assignments will receive a failing grade in the course and will be reported to college authorities.

NOTES: The best way to contact me is via email: markuslisa@deanza.edu. You can expect a reply by the end of the next **school** day. Please check **Webassign** for the due dates and times for the online homework, and Catalyst for the due dates and times for the online quizzes.

TENTATIVE CALENDAR Fall 2015

Week	Tuesday	DO BEFORE CLASS
1	Chapter 1 *Quiz 0*	**Print Note Pack** **Read Syllabus** **Get TI83/84**
2	Chapter 2 *Start Tech Project 2*	WebAssign HW Chp 1 Catalyst Quiz Chp 1
3	Chapter 3 *Quiz chp 1& 2*	WebAssign HW Chp 2 Catalyst Quiz Chp 2
4	**Exam 1** Chapter 4 *Tech Project 2 due*	WebAssign HW Chp 3 Catalyst Quiz Chp 3 Technology Project Chp 2
5	Chapter 5-6 *Quiz chp 4*	WebAssign HW Chp 4 Catalyst Quiz Chp 4
6	Chapter 7 *Start Tech Project 7*	WebAssign HW Chp 5, 6 Catalyst Quiz Chp 5, 6
7	**Exam 2** Chapter 8 *Tech Project 7 due*	WebAssign HW Chp 7 Catalyst Quiz Chp 7 Technology Project Chp 7
8	Chapter 9 *Start Tech Project 9*	WebAssign HW Chp 8 Catalyst Quiz Chp 8
9	Chapter 10 *Quiz chp 8 & 9*	WebAssign HW Chp 9 Catalyst Quiz Chp 9
10	**Exam 3** Chapter 11,12 *Tech Project 9 due*	WebAssign HW Chp 10 Catalyst Quiz Chp 10 Technology Project Chp 9
11	Chapter 12,13 *Start Tech Project 12*	WebAssign HW Chp 11 Catalyst Quiz Chp 11
12	**FINAL EXAM** **6:15 – 8:15pm** *Tech Project 12 due*	WebAssign HW Chp 12, 13 Catalyst Quiz Chp 12, 13 Technology Project Chp 12

Exam 1	Chapters 1, 2, 3	HW at webassign.net due 3:30pm
Exam 2	Chapters 4, 5, 6, 7	
Exam 3	Chapters 8, 9, 10	Catalyst Quizzes at catalyst.deanza.edu due 3:30pm
Final Exam	Chapters 1 - 13	

Technology Based Projects/Labs: Chapters 2, 7, 9 and 12