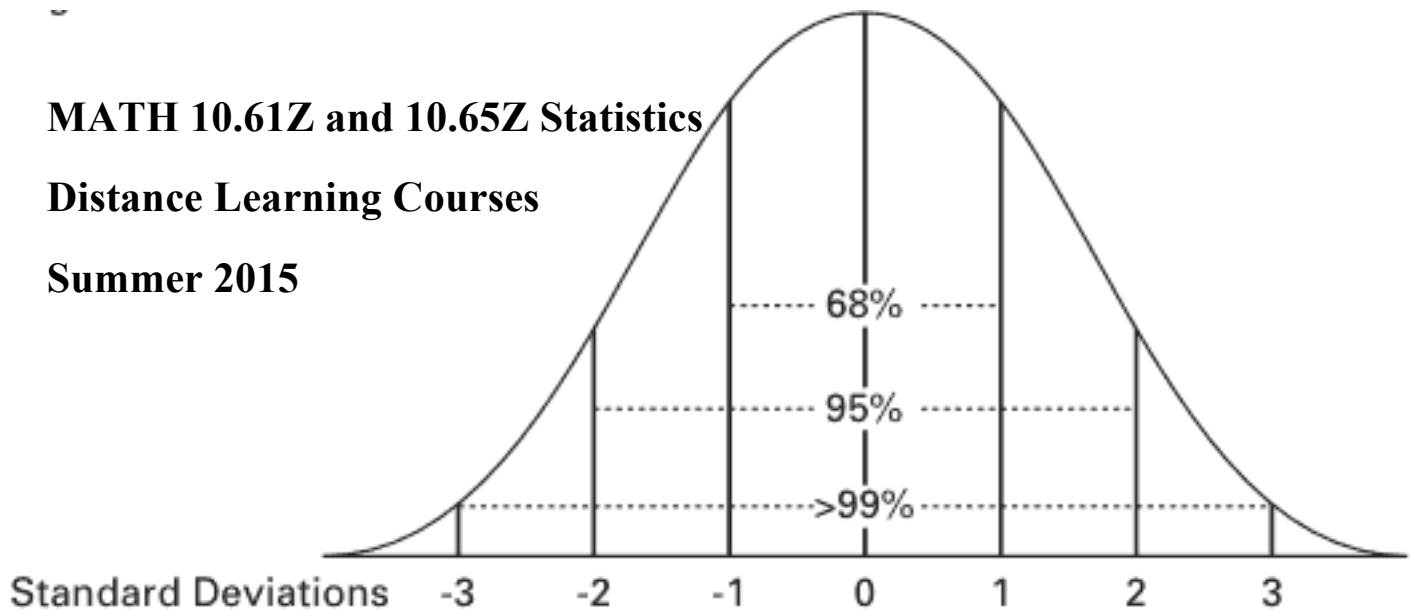


## MATH 10.61Z and 10.65Z Statistics

### Distance Learning Courses

Summer 2015



*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](mailto:markuslisa@deanza.edu)

The best way to contact me is via email.

Webpage:

<http://www.deanza.edu/faculty/markuslisa/classes/math10summer2015.html>

#### **Welcome to Statistics!**

This is a distance learning class with **3 required on-campus exams**. 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 25 hours per week to this course. Please read this syllabus in its entirety

#### **Math 10 Student 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 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.

#### **Very Important Dates**

**Proctored exams are in the Media and Learning Center Room 103 (see a De Anza map at <https://www.deanza.edu/map/> ) on the following dates:**

**Exam 1: Wednesday 8 July 6:30-7:30pm in MLC 103**

**Exam 2: Wednesday 22 July 6:30-7:30pm in MLC 103**

**FINAL EXAM: Wednesday 5 August 6:30-8:30pm in MLC 103**

See the end of this syllabus for the Alternate Exam Policy if you are unable to take exams on campus with the rest of the class.

## **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:** To access **CATALYST:** <https://catalyst.deanza.edu> (not available until the start of the term. Free.) Used for keeping track of your grades, to take the online quizzes, and to upload labs. 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 quarter. Costs about \$30.) **Class Key: deanza 4939 6597**
- **REQUIRED CALCULATOR:** TI-83+ or TI-84+. Must be a physical calculator, not an app on your phone, etc.

### **ATTENDANCE POLICY**

Attendance is required via participating online. I will drop any student who has not logged onto the Catalyst course by 11:55 pm on Wednesday July 1.

### **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 (408 864-8753 DSS main number) or EDC advisor (408 864-8839 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 Activities/Labs**

Labs make use of the TI graphing calculator, and may be done groups of up to four members. Turn in one copy with all of the group members' names on the top. If I cannot open your attachment, your grade is 0. If you send me more than one attachment, I will print and grade **ONLY ONE** of them (my choice). **Late papers will receive a grade of 0. Labs due the same day as an exam may be handed in at the beginning of the exam, and all pages must be STAPLED. All other labs must be uploaded in Catalyst by the due date and time (6:30pm) as a SINGLE attachment.**

## **Quizzes**

There are 13 **online** quizzes in Catalyst (catalyst.deanza.edu). Your 3 lowest online quiz scores will be dropped, this also takes into account any technical difficulties you may have. **NO EXTENSIONS WILL BE GRANTED.**

## **Exams**

Two Midterm Exams and one Final Exam will be given during the summer. Bring a small brown scantron (#2052 at the college bookstore counter), a #2 pencil and an eraser to the 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 Exams (TWO pages for the Final Exam), a calculator (NOT an app on your cell phone, etc.), and, if English is a second language, a print (not electronic) English translation dictionary.

PLEASE be respectful of other students. During an exam, 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.

**There are absolutely NO MAKEUPS for any work.** I count your top 2 exam scores (out of the 3 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 course grade will be F. 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.

## **Exam Behaviour**

Rather than spending several paragraphs stating what is not allowed. I will just say that you must be respectful of 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) 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.

## **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.

## Grades

Type	Description	Total Points
3 Exams (2 midterms plus final)	Top 2 out of 3 @ 100 points each	200
Final Exam (Exam 3)*	100	100
Online Quizzes	13 @ 10 points each, 3 lowest dropped	100
Labs	6 at 20 points each, 1 lowest dropped	100
WebAssign online homework	13 @ 10 points each, 3 lowest dropped	100 Max
TOTAL		600

\*If you do not take the Final Exam (Exam #3) at the given time, your grade for the course will be F.

Letter Grade	Lowest Percentage for the letter grade
A	93%
A-	90%
B+	87%
B	83%
B-	80%
C+	77%
C	70%
D+	67%
D	63%
D-	60%
F	0%

### **Topics to Skip**

Please skip the following topics.

Chapter 3: Venn Diagrams

Chapter 4: Geometric, Hypergeometric, Poisson

Chapter 7: Central Limit Theorem for Sums

Chapter 11: Test for Homogeneity, Test of a Single Variance

Chapter 13: Test of Two Variances

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

## Tentative Course Calendar

On-Campus	Usually due by <b>WEDNESDAY</b> this week. See Catalyst and WebAssign for time deadlines!
Week 1	<b>HW and Q 1</b> <b>HW and Q 2</b> <b>Lab Due: Ch. 2</b>
Week 2	<b>EXAM #1 Ch. 1,2,3,4</b> <b>Wednesday 8 July</b> <b>6:30 – 7:30pm MLC 103</b> <b>HW and Q 3</b> <b>HW and Q 4</b> <b>Lab Due: Ch. 3</b>
Week 3	<b>HW and Q 5</b> <b>HW and Q 6</b> <b>HW and Q 7</b> <b>Lab Due: Ch. 7</b>
Week 4	<b>EXAM #2 Ch. 5,6,7,8,9</b> <b>Wednesday 22 July</b> <b>6:30 – 7:30pm MLC 103</b> <b>HW and Q 8</b> <b>HW and Q 9</b> <b>Lab Due: Ch. 9</b>
Week 5	<b>HW and Q 10</b> <b>HW and Q 12</b> <b>Lab Due: Ch. 12</b>
Week 6	<b>FINAL EXAM (EXAM #3)</b> <b>Ch. 1 - 13</b> <b>Wednesday 5 August</b> <b>6:30 – 8:30pm MLC 103</b> <b>HW and Q 11</b> <b>HW and Q 13</b> <b>Lab Due: Ch. 13</b>

**HW is the WebAssign homework (webassign.net) DUE 3:30pm on Wednesdays**

**Q is the online quizzes in Catalyst (catalyst.deanza.edu) Due 3:30pm on Wednesdays**

**Labs due 6:30pm on Wednesdays**

Labs due same day as an exam may be handed in at the beginning of the exam or uploaded as a SINGLE attachment into Catalyst.

Labs not due same day as an exam must be uploaded as a SINGLE attachment into Catalyst.

## Alternate Exam Policy, Summer 2015

**If you cannot take the exams on the official dates/times you may **REQUEST** to take the exam elsewhere:**

If you wish to take the exam at an alternative day/time, you must have **COMPLETED** the following with me at least **ONE WEEK** in advance of the official day for **EACH** exam.

**1. You may ONLY take the exam on Monday or Tuesday of the official exam week (Wednesday is the official exam day/time).**

2. You must email me to let me know where you would like to take the exam, and the day and time of your appointment. It **must** be at a member of the Consortium of College Testing Centers OR a US Forces base overseas. You must email me the place, plus the name, phone and email of a contact person at the testing center (see below).

See <http://www.ncta-testing.org/cctc/> for a list of testing centers.

3. I will contact the testing center **within 1 school day** of you contacting me.

4. I must have **received** a response from the testing center at **least ONE week** in advance of the official exam. (This means before 6:30 pm Cupertino Time on Wednesday of Week 1 for the first exam.)

If these arrangements are not **completed 1 week** in advance, your options are either to take the exam with the class at the scheduled time on campus or to miss the exam and receive a grade of 0. ("**Completed**" includes me getting a response from the testing center, so if you email me the details on Wednesday of week 1, you will NOT be able to take the first exam elsewhere.)

Completed exams and the solution sheet must be **emailed** to me by your testing center by noon of the official exam day. Any late work will receive a grade of 0.

**Please be sure to provide me the following information in a SINGLE email:**

- 1. Place you are requesting to take the exam.**
- 2. Name, phone and email of a contact person.**
- 3. Day and time for each exam.**

**NOTE: You are REQUESTING an alternate exam day and time. I am under NO obligation to allow exams elsewhere. I will strictly adhere to the timelines above.**