

# Math 10 Online Learning Course, Summer 2016

## CONTACT INFORMATION

Dr Lisa Markus

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The best way to contact me is **via email**. Expect a reply before the end of the next school day.

**Welcome to Statistics!** Please read this syllabus in its entirety

This is a distance learning class with **3 required on-campus exams**. Since this is an online 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. Plan to commit a minimum of 20 hours per week to this course.

## 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 (see a De Anza map at <https://www.deanza.edu/map/> ) on the following dates:**

**Exam 1 Wednesday 6 July, 2016 05:00 PM - 06:00 PM in MLC-109**

**Exam 2 Wednesday 20 July, 2016 05:00 PM - 06:00 PM in MLC-109**

**Final Exam Wednesday 3 August, 2016 05:00 PM - 07:00 PM in MLC-109**

You may also **request** to take the exam on Thursday (limited times available). See the end of this syllabus for the Alternate Exam Policy if you are unable to take these exams on campus with the rest of the class.

## 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 29 June**

## 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: CATALYST:** <https://catalyst.deanza.edu> (not available until the start of the term. Free.) Used for links to lectures and videos, keeping track of your grades, taking online quizzes, and for uploading projects. 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 3235 1660**
  - **REQUIRED CALCULATOR:** TI-83+ or TI-84+. Must be a physical calculator, not an app on your phone, etc.

### **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. Each WebAssign homework may be submitted up to 5 times. Check WebAssign for the due dates and times for each homework. No extensions will be given.

### **Technology Based Projects**

Projects make use of the TI graphing calculator, and may be done individually or in groups of up to four members. Turn in one copy with all of the group members' names on the top. **Late papers will receive a grade of 0.** Projects due same day as an exam may be handed in at the beginning of the exam with all pages STAPLED, or uploaded as a SINGLE attachment (a single file, NOT a folder with several files) into Catalyst. Projects not due same day as an exam must be uploaded as a SINGLE file (not folder) into Catalyst. 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).

### **Quizzes**

There are 13 **online** quizzes in Catalyst ([catalyst.deanza.edu](http://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 long 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 of notes for the Exams (both sides - this is only ONE piece of paper, not two glued together, etc.), 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.

### **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**

PLEASE be respectful of other students. During an exam, **all electronic devices**, other than your TI calculator, **must be OFF** (not vibrate mode). 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. 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 *	100	100
Online Quizzes	13 @ 10 points each, 3 lowest dropped	100
Projects	5 at 25 points each, 1 lowest dropped	100
WebAssign online homework	13 @ 10 points each, 3 lowest dropped	100 Max
Catalyst Introduction	Introduce yourself in Catalyst - see Catalyst for instructions	10
Orientation Quiz	See Catalyst	10
TOTAL		620

\*If you do not take the Final Exam your grade for the course will be F.

**There are absolutely NO MAKEUPS nor extensions 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 your course grade will be F. Exams not taken at the official time will result in a grade of 0. Late projects will receive a grade of 0.

<b>Letter Grade</b>	<b>Lowest Percentage for the letter grade</b>
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, and Poisson distributions

Chapter 5: Uniform distribution

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 (Monday - Thursday). Check Catalyst for the due dates for online quizzes and projects. Check Webassign for the due dates for the online homework.

### **Getting Help with the Course**

Meet with tutors in the Math, Science and Technology Resource Center, S 43.

<http://deanza.edu/studentsuccess/mstrc/> .

Free online tutoring is also available to all De Anza students!

**Just login to MyPortal.deanza.edu, go to the Students tab, and find the Smarthinking link.**

**You can work with a tutor live (hours vary by subject) or post a question or piece of writing for a response. See <http://deanza.edu/studentsuccess/onlinetutoring/>**

## Tentative Course Calendar Summer 2016

Week/ Wednesday date	Projects/Exams/Other For WEDNESDAY	DO BEFORE Wednesday
Week 1 29-Jun	Login to Catalyst by <b>Wednesday 11:55pm</b> Catalyst Introduction Online Orientation	<b>Read Syllabus, Get TI83/84</b> WebAssign HW Chp 1, 2 Catalyst Quiz Chp 1, 2 <b>DUE THURSDAY NIGHT</b>
Week2 6-Jul	<i>Project 2 due</i> <b>Exam 1 5:00 - 6:00pm MLC 109</b> Chapters 1, 2, & 3	WebAssign HW Chp 3 Catalyst Quiz Chp 3 <b>DUE Wednesday Afternoon</b>
Week 3 13-Jul	<i>Project 4 due</i>	WebAssign HW Chp 4, 5, 6 Catalyst Quiz Chp 4, 5, 6 <b>DUE Wednesday Afternoon</b>
Week 4 20-Jul	<i>Project 7 due</i> <b>Exam 2 5:00 - 6:00pm MLC 109</b> Chapters 4, 5, 6, 7 & 8	WebAssign HW Chp 7, 8 Catalyst Quiz Chp 7, 8 <b>DUE Wednesday Afternoon</b>
Week 5 27-Jul	<i>Project 9 due</i>	WebAssign HW Chp 9, 10 Catalyst Quiz Chp 9, 10 <b>DUE Wednesday Afternoon</b>
Week 6 3-Aug	<i>Project 12 due</i> <b>FINAL EXAM 5:00 - 7:00pm MLC 109</b> Chapters 1 - 13	WebAssign HW Chp 11, 12 & 13 Catalyst Quiz Chp 11, 12 & 13 <b>DUE Wednesday Afternoon</b>

**Exams are 5:00pm in MLC 109**

**HW is the WebAssign homework (webassign.net) DUE 3:30pm on Wednesdays, except Week 1 when the homework is due 3:30pm on Thursday. It is best to think of this as being due Tuesday night. Doing the homework before taking the quiz is best. Each homework can be attempted up to 5 times.**

**Quiz is the online quizzes in Catalyst (catalyst.deanza.edu) Due 3:30pm on Wednesday, except week 1 when the quizzes are due 3:30pm on Thursday. It is best to think of these as being due Tuesday night.**

**Projects due 6:00pm on Wednesdays**

Projects due same day as an exam may be handed in (all pages STAPLED) at the beginning of the exam or uploaded as a SINGLE attachment (file) into Catalyst. Projects not due same day as an exam must be uploaded as a SINGLE attachment into Catalyst

## Alternate Exam Policy

**If you prefer not to 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 Wednesday, or Thursday of the official exam week. You may be able to take the exam on Thursday at De Anza College - space limited.**

2. You must email me to let me know where you are requesting to take the exam, and the day and time of your appointment. Approved testing centers are members of the Consortium of College Testing Centers OR a US Forces base overseas OR San Jose State University's proctoring center. 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, and also check San Jose State University at <http://testing.sjsu.edu/proctor/>

**Note that you are **REQUESTING** an alternate exam day and time. I am under NO obligation to allow exams elsewhere.**

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.

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 at least one week before the exam.

Completed exams and the solution sheet must be **emailed** to me by your testing center by noon Cupertino time of the following 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.**