MATH 10.61Z Elementary Statistics and Probability
Summer 2018 - CRN 00679
Online with 3 proctored (in-person) exams

CONTACT INFORMATION
Instructor: Dr Lisa Markus
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The best way to contact me is through the **inbox in Canvas.** I will reply by the end of the next school day (Monday – Thursday are school days).
PLEASE contact me anytime you have a question!

Welcome to Statistics! Statistics is an exciting and interesting subject. I hope you will enjoy learning the material in this course. Please read this syllabus in its entirety. This is an online learning class with 3 on-campus exams. Since this is an online learning class, you should strive to learn the material on your own. I am here to help so please email me or post discussion questions in Canvas if you need assistance. Plan to commit a minimum of 20 hours per week to this course.

ATTENDANCE POLICY
Attendance is **required** via actively participating online. I will drop any student who has not logged onto the Canvas course and taken the Orientation Quiz by **11:55 pm on Friday 6 July.** If you miss assignments 2 weeks in a row I may drop you from the course, however, students are responsible to drop or withdraw if they need to. It is also the student's responsibility to check http://www.deanza.edu/calendar/ for the De Anza College deadlines.

VERY IMPORTANT DATES: Proctored Exams are in **MLC 270** (see the De Anza College map at https://www.deanza.edu/map/) on the following dates:
Exam 1: Thursday 12 July 4:00 – 5:00pm in MLC 270
Exam 2: Thursday 26 July 4:00 – 5:00pm in MLC 270
Final Exam: Thursday 9 August 3:00 – 5:00pm MLC 270 **(note different time)**

If you are unable to take these exams on campus with the rest of the class, see the last page of this syllabus for the **Alternate Exam Policy**

STRATEGIES FOR SUCCESS

1. Keep up on all work – set aside at least 20 hours per week to work on this course.
2. Ask questions! See the Getting Help section of this syllabus.
3. Read the textbook and take advantage of the other resources in Canvas.
4. Start the homework long before it is due. Each question may be submitted up to 5 times. It is best to submit the homework before attempting the online quizzes.
5. Before each exam, work through the sample exams in Canvas and in the back of the textbook.

REQUIRED MATERIALS FOR MATH 10

➢ **TEXTBOOK**: *Introductory Statistics* by Illowsky and Dean. (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 .

- **CANVAS**: https://deanza.instructure.com (Free.) Used for links to lectures and videos, keeping track of your grades, taking online quizzes, and for downloading and uploading projects.

- **WEBASSIGN**: To access **WEBASSIGN** ONLINE HOMEWORK (Not available until start of the quarter. Costs about $35.) Follow the links to WebAssign in Canvas.

- **CALCULATOR**: TI-83+ or TI-84+. Must be a physical calculator, not an app on your phone, etc.

- **3 SCANTRONS**: 3 long green scantrons - #882-E at the college bookstore counter.

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).

No Make-Ups, No Extensions

There are NO MAKEUPS for any missed work, and no extensions will be granted for online quizzes, projects and homework**.** 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 projects will receive a grade of 0. For the homework on WebAssign and the quizzes in Canvas, I only take your top 10 grades. This also takes into account any technical difficulties that may occur, including power outages, the online sites being unavailable, wi-fi not working.

Classroom Behaviour

PLEASE be respectful of other students. During exams, **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 assignment and will be reported to college authorities.

Topics to Skip: 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

Getting Help

o   Tutoring is available both on-campus and online. See
    http://deanza.edu/studentsuccess/mstrc/
o   Post questions in the Discussion section in Canvas.
o   Contact me via the inbox in Canvas (expect a reply by the end of the next school day).
o   Email me at markuslisa@fhda.edu (expect reply by end of next school day).
o   Form a study group with other students in the class.
o   Follow the "NetTutor" link on the navigation in Canvas (left side).

Online 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. Your 10 highest **WebAssign** homework scores count towards your final grade, this also takes into account any technical difficulties you may have. NO EXTENSIONS WILL BE GRANTED. **Doing the homework before taking the quiz is best. Each homework question may be submitted up to 5 times,** so for each homework your score should be close to 10.

Technology Based Projects
Projects make use of the TI graphing calculator, and may be completed 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 must be either handed to me in person (if the project is duethe same day as an exam) or be uploaded in Canvas as a **<u>SINGLE</u>** attachment (a <u>single</u> <u>file</u>, NOT a folder with several files) by the due date and time. Attachments that are blank, unreadable or cannot be opened receive a grade of 0.

Quizzes
There are 14 **online** quizzes in Canvas. Your 4 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 quarter. Bring a long green scantron (#882 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 <u>translation</u> dictionary.

For the purposes of your final grade, I take your top 2 exam scores (out of 2 mid-terms, one final) PLUS the final exam. This means your final exam grade may replace a lower mid-term exam grade. The final exam grade is never dropped.

Grades

Type	Description	Maximum Points
3 Exams (2 midterms plus final)	Top 2 out of 4 @ 100 points each	200
Final Exam *	100	100
Online Quizzes	14 @ 10 points each, 4 lowest dropped	100
Projects	5 at 25 points each, 1 lowest dropped	100
WebAssign online homework	13 @ 10 points each, 3 lowest dropped	100
TOTAL		600

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

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

Tentative Calendar

Week/ Thursday date	Projects/Exams For Thursday	DO BEFORE Thursday
Week 1 5 July	Online Orientation (due **FRIDAY**) **Due Friday 7 July 11:55pm**	**Read Syllabus, Get TI83/84** WebAssign HW Chp 1, 2 Quiz Chp 1, 2 **DUE FRIDAY at noon**
Week2 12 July	*Project 2 due* **Exam 1:** Thursday 12 July 4:00 – 5:00pm in MLC 270 **Chapters 1, 2, 3 & 4**	WebAssign HW Chp 3, 4 Quiz Chp 3, 4 **DUE Thursday at noon**
Week 3 19 July	*Project 6 due*	WebAssign HW Chp 5, 6 Quiz Chp 5, 6 **DUE Thursday at noon**
Week 4 26 July	*Project 7 due* **Exam 2:** Thursday 26 July 4:00 – 5:00pm in MLC 270 **Chapters 5, 6, 7 & 8**	WebAssign HW Chp 7, 8 Quiz Chp 7, 8 **DUE Thursday at noon**
Week 5 2 August	*Project 9 due*	WebAssign HW Chp 9, 10 Quiz Chp 9, 10 **DUE Thursday at noon**
Week 6 9 August	*Project 12 due* **FINAL EXAM:** Thursday 9 August 3:00 – 5:00pm in MLC 270 **Chapters 1 - 13**	WebAssign HW Chp 11, 12 & 13 Quiz Chp 11, 12 & 13 **DUE Thursday at noon**

Alternate Exam Policy

If you prefer not to take the exams on the official dates/times you may <mark>REQUEST</mark> to take the exam elsewhere:

If you wish to take the exam at an alternative day/time, you must have <mark>COMPLETED</mark> 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 <u>Wednesday or Thursday</u> of the official exam week.

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

Note that you are <mark>REQUESTING</mark> 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 <mark>least **ONE** week</mark> 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 <u>me getting a response</u> 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 <u>noon Cupertino time of the following day</u>. 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 <u>requesting</u> to take the exam.**

2. **Name, phone and email of a contact person.**

3. **Day and time of your appointment for each exam.**

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.