

**MATH 10, Elementary Statistics, Fall 2020**

**Instructor:** Renuka Kapur

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**Synchronous (Live)Lecture Hours: Tuesday and Thursday from 6:30 pm to 8:45 pm**

**Office Hours: Monday and Wednesday from 8:45am to 9:30am**

**Tuesday and Thursday from 5:45pm to 6:30pm**

**ZOOM LINK for Synchronous Lecture and Office Hours**

<https://fhda-edu.zoom.us/j/92416335288>

Meeting ID: 924 1633 5288

**“To Do List”**

1. Watch my 3 minute Video: [Hello and Welcome to my Class!](#)

2. Download the **Remind App** on your mobile. (strongly recommend it)

Send a text to: 81010, with this message: @profkapu

This texting application will allow you to contact me or any others in the class. It is free and your phone number will remain private. I will disable it at the end of the quarter.

3. Get a WebAssign account by using this link: <http://www.webassign.net>

Go to the ACCOUNT LOG IN box on the right

**Step 1:** Click on the line - Enter Class Key

**Step 2:** Enter the Class Key given below and submit. Follow directions to register.

**Class Key to register is: deanza 4963 3069**

Cost for WebAssign is around \$35.

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

**VIDEO & HANDOUT: Video uses the content listed in the handout. Reference the handout for your worksheets and homework. Handouts are very helpful!!!**

**FREE BOOK:** Available with WebAssign.

**OR**

Link: [Statistics from OpenStax](#) (Links to an external site.)

**Calculator:** TI-84 or TI-84 PLUS graphing calculator preferred. You may rent the calculator. One possible website link is: <https://www.mycalcrental.com/product/TI84>

**Contact me:** Text, Email or Zoom. Set up a Zoom meeting when cannot make it to office hours!

**Worksheets:** Each Chapter worksheet is about 30 minutes long.  
 Worksheets are submitted in Canvas  
**This can be submitted as group work or individually.** Maximum of 4 people if submitting as a group.  
**The lowest 3 scores will be dropped** (out of 11 worksheets)  
**Look over the handouts, and practice quizzes for help with the worksheets.**  
**Come to office hours, text me and others for help.**

**Homework:** Each Chapter homework is about 30 minutes long.  
 The homework will be available online at WebAssign.  
**You have unlimited tries for each question on the homework**  
**The lowest 4 scores will be dropped** (out of 12 homeworks)  
**3 LATE HOMEWORK PASSES CAN BE USED AT ANYTIME DURING THE QUARTER.**  
 Let me know and I will open up the homework for you.

**Tests:** 3 WebAssign Tests. Each Test should take about 1 hour to finish.  
**However, triple the amount of time (3 hours) will be given.** This should take care of any internet issues. **It is open book.**  
**You have a 4-day window to take the Test. Once you click on it, the timer starts.**  
**Reviews for Tests:** Practice Test, WebAssign homework, the handouts, worksheets

**Final Exam:** A two-hour comprehensive WEBASSIGN exam will be given. **It is open book.**  
**However, triple amount of time (6 hours) will be given.** This should take care of any internet issues.  
**You have a 7-day window to take the exam. Once you click on it, the timer starts.**

**2 Projects are posted. They are optional.**

**Extra-Credit:** Extra Credit can be submitted any time before the quarter ends.  
 1. Collaborative projects (1 lab submission per group). They may also be submitted individually.  
 2. Video and/ or Article featuring the material you learn in this class.  
 3. Survey  
 4. Current Event Discussions

<b>Grade:</b>	Worksheets (8@12.5)	100 pts (30 minutes long. I drop the 3 lowest grades)	25%
	Homework (8@12.5)	100 pts (30 minutes long. I drop the 4 lowest grades)	25%
	Tests (3@50)	150 pts.	37.5%
	Final Exam	50 pts	12.5%

\*\*\*At the end of the quarter, if the final exam is the lowest exam, it will count as 1 exam. Therefore, the final exam and all other exams will count. If one of the 3 midterm exams is the lowest, then that midterm score will be replaced by the final score. Therefore, the final exam will count twice. In summary, you will have a total of 400 exam points. Your grade is based on points and not a “curve.”

A+	97.5% < score ≤ 100%	A	92.5% ≤ score ≤ 97.5%	A-	90% ≤ score < 92.5%
B+	87.5% < score < 90%	B	82.5% ≤ score ≤ 87.5%	B-	80% ≤ score < 82.5%
C+	72.5% < score < 80%	C	65% ≤ score ≤ 72.5%		
D+	60% < score < 65%	D	55% < score ≤ 60%	D-	50% ≤ score ≤ 55%
F	score < 50%				

**Topics to Skip:** Chp 3: Venn diagram; Chp 4: Geometric, Hypergeometric Distributions; Poisson; Chp 5; Chp 7: Central Limit Theorem for Sum; Chp 11: Test of One Variance

**I am mindful this is an Online Class and so we work at a pace, so that nobody is left behind.**

**3 LATE HOMEWORK PASSES CAN BE USED AT ANYTIME DURING THE QUARTER**

**Tentative Calendar**

Week 1 Sept 21 - 25	Chapter 1 and 2		
Week 2 Sept 28 - Oct 2	Chapter 2 and 12 Worksheet due (Chp 1)		
Week 3 Oct 5 - 9	Chapter 3 Worksheet due (Chp 2)	Homework due (Chp 1, 2)	Test window opens
Week 4 Oct 12 - 16	Chapter 3 and 4 Worksheet due (Chp 12)	Homework due (Chp12)	Test 1 due
Week 5 Oct 19 - 23	Chapter 4 and 6 Worksheet due (Chp 3) Homework due (Chp 3)		
Week 6 Oct 26 - 30	Chapter 7 Worksheet due (Chp 4, 6) Homework due (Chp 4, 6) Test window opens		
Week 7 Nov 2 - 6	Chapter 8 Worksheet due (Chp 7)	Homework due (Chp 7)	Test 2 due
Week 8 Nov 9 - 13	Chapter 9 Worksheet due (Chp 8) Homework due (Chp 8)		
Week 9 Nov 16 - 20	Chapter 10 Worksheet due (Chp 9) Homework due (Chp 9)		
Week 10 Nov 23 - 27	Chapter 11 Worksheet due (Chp10) Homework due (Chp 10)		
Week 11 Nov 30 - Dec 4	Chapter 13 Worksheet due (Chp 11) Homework due (Chp 11) Test window opens		
Finals Week Dec 7 - 11	Homework due (Chp 13)		Test 3 due
<b>FINAL EXAM WINDOW (DEC 4 -10)</b>			

**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.