MATH 43, Precalculus III, Summer 2020

Instructor	Location	Email	Office Hours
Renuka Kapur	Synchronous Zoom Class at 10am	kapurrenuka@fhda.edu	9 am to 10 am

READ THROUGH THE ENTIRE GREENSHEET SO THAT YOU ARE FAMILIAR WITH THE CLASS.
This is a demanding, but rewarding class. This is also a collaborative class.

Zoom Link: https://cccconfer.zoom.us/j/92295730545

This is the link for Online Student Hub.
This page will be used to provide resources for students who are learning online this summer.
https://www.deanza.edu/online-ed/students/remotelearning.html

Help: **Office hours are 9 to 10am Monday thru Wednesday. Thursday will depend on the tests etc on that day. You can also make Zoom session appointments.**

Prerequisite: Math 42 (with a grade of C or better), or equivalent

Book: **E-Book** is available with WebAssign. PreCalculus with Limits, 3rd Ed., by Larson

Materials: TI-83 PLUS or TI-84 graphing calculator preferred. Free download instructions for the TI-83 calculator.
https://sites.google.com/site/ti83interactivecalculator/Home
1. Select "CALCULATOR" in the Navigation Bar (left side of page).
2. Click on Virtual TI 83 Calculator.
3. Select "OK" to move to folder.
4. Open "TI83" folder.
5. Click on "vti83" and then select "Extract ALL.
6. Then follow instructions on screen.
7. Open "vti83" folder.
8. Finally, click on the "vti83" icon.

Contact me: Email me. Texting works best.
Download the **Remind App** on your mobile. This texting application will allow you to contact me or others in the class.
Send a text to: 81010, with this message: @math43su

Remind will keep your mobile number private. Only your name appears. This is the fastest way to contacting me or others in the class. It is the best message board for everyone!!
At the end of the summer quarter I will archive the App.

Attendance: **Synchronous class lecture starts at 10 am**. It is best to attend them. I you are unable to come to class at that time, please watch the lecture videos that are posted for the class.

Video Lectures: Lecture Video are posted everyday.
Go to the Canvas Homepage for the course.
Click on Lecture Videos
Select and Click on the date to watch the video.

Quizzes: Quizzes are open book. They are are collabrative and. you can have upto 4 people in your group. There is only 1 group submission per group.**They are due on Mondays.** Upload the pages on Canvas.

Homework The homework will be available online at WebAssign. **Lowest 5 homework grades will be dropped.**
TO ACCESS WebAssign ONLINE HOMEWORK: 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 1291 3532

Exams: 3 WEBASSIGN exams will be given. You are allowed to use your exam notes, etc. **You are requred to upload the handwritten work for the numerical answer.This is worth 20% of the grade**

Final Exam: A comprehensive WEBASSIGN exam will be given. You are allowed to use your exam notes, etc

Grade:

Exams (3@ 100)	300 pts.	
Group Quizzes (5@ 20)	100 pts .	
Homework	100 pts	**(Lowest 5 homeworks are dropped)**
Final Exam	100 pts	

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

Browser: **For WebAssign, avoid using Google-Chrome.**

This is an email from a student:
I use Chrome and it took me a bit to figure out the flash problem but it was an easy fix for me. If you click the little lock next to "home", it shows a special setting to "allow" flash on pages. Attached, is a picture of the small lock (blue circles) to click on. Ebook works for me, now….(I can email the picture to you if needed)

Please use the remind App to reach out to others to solve browser/ cookie issues. Contact WebAssign too if need.

Zoom Etiquette: To avoid background noise, mute yourself .
Be in an appropriate learning environment so that you are fully focused and engaged.

	Monday	Tuesday	Wednesday	Thursday
June/July	7.1, 7.3 29	7.5, 8.1 30	8.2 1	8.3 2
July	8.4 Quiz 1 Due (7.1, 7.2, 7.3) 6	8.5, 7	9.1 8	Exam 1 (Chp 7 & 8) 9
July	9.2, 9.3 Quiz 2 Due (8.1, 8.2) 13	9.4, 14	9.5 15	Exam 2 (Chp 9) 16
July	10.6 Quiz 3 Due (8.3, 8.4) 20	10.7 21	10.8 22	10.9 23
July	11.1 Quiz 4 Due (9.1, 9.2, 9.3) 27	11.2 28	11.3 29	Exam 3 (Chp 10, 11.1, 11.2) 30
August	11.4 Quiz 5 Due (10.6, 10.7) 3	Hyperbolic Functions 4	Review 5	FINAl EXAM (Comprehensive exam,except Hyperbolic functions) 6

Section	Homework Problems (Webassign homework is a subset of this homework)
7.1	5, 7, 9,11,15,21,23,25,27,29, 31, 33, 35, 37, 41, 47, 49, 57, 59, 61, 69
7.3	7, 11, 15, 17, 19, 25, 27, 29, 37, 41, 45, 47, 49, 51, 53, 55, 59, 61, 63, 65, 67
7.5	5, 7, 9,11,13,15,19, 21, 29, 31, 33, 35, 47, 49, 51, 57, 61, 65, 67
8.1	9, 11,13, 15, 17, 19, 21, 23, 25, 27, 29, 31,33, 35, 37, 39, 65, 67, 69, 71, 73, 85, 87, 93, 95, 99,102 &103(set up)
8.2	7,8,11,15,19,21,23,25,31,33,35, 39, 41, 43, 45, 47, 51, 55, 57, 63, 65, 67, 71
8.3	5, 11, 15, 19, 25, 31, 33, 35, 43, 45, 55, 61
8.4	17, 19, 27, 35, 39, 49, 63, 71, 77, 99
8.5	17, 21, 29, 33, 35, 45, 49, 65
9.1	7, 11, 17, 21, 25, 27, 31, 33-36, 37, 39, 43, 45, 47, 49, 51, 53, 55, 57, 59, 63, 65, 67, 69, 73, 75, 77, 79, 81, 83, 85, 89, 93, 95, 97
9.2	5,9,11,13,19,21,27,31,35,37,39,41,45,47, 51, 53, 57, 59, 61, 65-68, 69, 75, 77, 83, 84
9.3	5, 11, 15, 19, 23, 27, 29, 31, 41, 45, 47, 48, 49, 50, 55, 61, 63, 73, 77, 79, 81, 89
9.4	5,7,11,15,19,23,25,27,31,37, 41, 47, 51, 53, 55, 59, 61, 63, 65, 69
9.5	5, 11, 15, 17, 19, 29, 39, 41, 45, 47, 53, 57, 61, 67, 71, 73
10.6	5,7,9,11,13,15,25,29,49,51, 53, 54, 57, 58, 61, 63, 69, 73, 98
10.7	5, 7, 9, ..., 33 (odd ones); 43, 45, ..., 59 (odd ones); 71, 73, ..., 109(odd ones); 117, 119, ..., 125(odd ones)
10.8	7, 9, ..., 45(odd ones)
10.9	5, 9-14; 15, 17, 19, 21, 23, 25, 39, 41, 43, 45, 49, 53
11.1	9, 11, 13, 15, 19, 29, 33, 37, 39, 43, 47, 55, 57, 63, 65, 71, 73
11.2	7, 13, 17, 19, 23, 25, 31, 33, 35, 39, 41, 45, 47, 49, 53, 57, 61, 65
11.3	5,7,9,11,13,15,23,29,35,37,43,45,51,55,57
11.4	7,9,13,19,21,23,25,29,31,35,37,53,47,53,63
Handout	0c, 0d, 0e, 1b,1e, 1j, 2, 3b,3c, 3f, 4b, 4c, 4d, 5b, 5c, 5d, 6, 7b, 7c

Student Learning Outcome(s):

*Analyze, investigate, and evaluate linear systems, vectors, and matrices related to two or three dimensional geometric objects.
*Graph and analyze regions/curves represented by inequalities or trigonometric, polar, and parametric equations, including conic sections.
*Analyze, develop, and evaluate formulas for sequences and series; Justify those formulas by mathematical induction.