



# MATH 031.23Z

## Pre-Calculus I

F21



**Prof. G. V. KRESTAS**

Time : MW 1:30-3:45  
Office : Online  
Phone: (408) xxx-xxxx  
Office Hour: (M-R) 11:30-12:20  
Website: [profgvk.weebly.com](http://profgvk.weebly.com)  
e-mail: [krestasgeorge@fhda.edu](mailto:krestasgeorge@fhda.edu)

**Course Structure:** Four and a half hours lecture/week. This is an intensive and fast moving course, requiring significant amount of study and practice for successful completion.

**Webassign :** Homework, Quizzes, Tests and the Final will be done on Webassign. You will need to purchase an account.

**Text :** *Precalculus with Limits, Larson 5<sup>th</sup> Edition, bundle with Webassign code.*

**Academic Integrity:** De Anza College is committed to the highest standards of academic integrity and honesty. Dishonesty is unacceptable and **will not be tolerated**. If you are found cheating, plagiarizing or in collusion in dishonest activities, you will receive an "F" for that particular work and you may be dropped and/or reported to the Dean of Students for further disciplinary action. You are expected to abide with the ideals of academic integrity and accept personal responsibility for your work.

**Attendance :** **You must come to class prepared and on time!** Punctual attendance is expected (see ZOOM classroom rules below). Entering the (Zoom) classroom late, or leaving before the class is dismissed, besides being rude and inconsiderate behavior for those present, **it disrupts the learning process**. Late arriving students may not be able to **enter/re-enter** until the break. If the class is more than 50 minutes, there will be a 10-minute break.

**Classroom Decorum :** **Respect other students' right to learn.** You are expected to abide by the institution's Code of Student Conduct. Engaging in behaviors that distract or interrupt the instructor's ability to teach or the other students from learning will not be tolerated. The following is a partial list of **unacceptable** behaviors:



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1. Continued, willful, open and persistent defiance of the authority of the instructor.
2. Inordinate demands for time and attention.
3. Private conversations.

**Assignments:** Weekly Homework on Webassign.

**Communications:** [krestasgeorge@fhda.edu](mailto:krestasgeorge@fhda.edu)

1. On the subject line of your email enter your: **Last Name, First Name, Mxxx.xxx** otherwise your email will go to the **Trash Folder** and I will not see it.
2. It may take 24-48 working hours for a reply.
3. If you are absent, do not ask for my notes. Due to copyright restrictions I can not send you my powepoints/notes.
4. I welcome suggestions about issues relating to the course.
5. For praise, derision or grumble see "Where to send Fan/Hate mail."

## *Contesting Grades*

1. *Since tests are computerized (Webassign), earned points are NOT subject to negotiation.* Explaining to me what you did wrong cannot change your grade because I do not have control over Webassign.
2. No contests will be accepted after the last week of classes.

**Assessment Method:** Several unannounced quizzes given at any time during the class period, maximum three tests, and a comprehensive final given at the time and day assigned by the College (see Finals Schedule at: <http://deanza.fhda.edu>).

1. No make-ups will be given for any reason. In the case of documented medical emergency, I will replace a missing test score with the final exam score.
2. The lowest (if more than two) test, quiz, homework will be dropped.
3. The final is comprehensive and mandatory.
4. If you cannot take the Final on the scheduled day and time, **drop the class.**
5. The examinations may contain T/F, M/C, and fill-in quations in addition to or in lieu of solving problems.
6. Examinations are timed. Budget your time because No time extentions are possible.
7. **If you miss the final you will get an "F" grade for the class.**

## Scale



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Homework ..... = **10 points**  
Tests ..... = **30 points**  
Quizzes ..... = **25 points**  
Final Exam ..... = **35 points**  
Bonus..... = **05 points max**

90 points  $\leq$  A-    A  $\leq$  100 points  
80 points  $\leq$  B-, B, B+  $\leq$  89 points  
70 points  $\leq$  C-, C, C+  $\leq$  79 points  
50 points  $\leq$  D-, D, D+  $\leq$  69 points  
0 points  $\leq$  F     $\leq$  49 points

- *Bonus points are totally on the discretion of the instructor.*
- *The instructor reserves the right to make minor adjustments to the scale.*
- *The instructor cannot guarantee a certain grade to anyone.*

**Sanctions** : Sanctions may vary from an oral reprimand to a ten-point deduction or being removed from the classroom, see the PSME Dean before being allowed to re-enter the classroom, dropped, and/or being reported to the Dean of Students for farther disciplinary action.

**Student Services** : Click on the link <http://www.deanza.edu/student-services/> for information about financial aid, childcare, counseling, academic support, disability support, student activities and other services provided by the college.

*Note: Those needing accommodations based on the impact of a disability must contact the Disabled Students Services directly.*

**Office Hours** : Office hour is intended for students to have a discussion about their grades or for clarification on a *specific question* about the homework, or the lecture *after* the student has attempted to solve the problem himself and has visited the (online) Tutoring Center for assistance. Office hours **are not intended** as a private tutorial session or for working out assigned or not assigned homework problems.

**Restrictions:** Due to *Copyright © laws*, you may not tape, photograph, or electronically record all or part of the lecture, tests, or quizzes. Violators will be held responsible for any copyright infringement caused by their failure to comply.

**Roster:** The roster will be posted at my website every Sunday. If there is a discrepancy in your scores, then you should immediately contact me. No error will be recognized after the Thursday following the posting. To view your grades on the roster you will need a class ID. Your **class ID** is the modulo (remainder) of your **SID** divided by **3579** (rounded up).

**Tutoring:** The Student Success Center (online) offers group and individual tutoring free of charge. If you need assistance, do not wait, sign up immediately.



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Where to send Fan / Hate Mail: **See appropriate tab in my website:**  
[profgvk.weebly.com](http://profgvk.weebly.com)

### *ZOOM Classroom Rules:*

- 1) Login on time from a distraction-free, quiet environment and wait to be admitted.
- 2) Admittance will be turned-off 5 minutes after the beginning on the class and it will reopen at the break.
- 3) **To ensure that only register students attend:**
  - a) Make sure your video is on during the meeting.
  - b) Adjust the lighting so your face is clearly shown (no blared or dark images).
  - c) If your image is not clear, as mine, you will be removed from the meeting, and not allowed to re-enter until the break.
  - d) Use the name you registered with, not an alias.
  - e) You may use any appropriate background, if you so wish.
- 4) If you would like to speak or answer a question, identify yourself and wait to be acknowledged by the instructor.or use the "Raise Hand" feature.
- 5) When called by me, unmute yourself and speak **slowly and clearly close to your microphone to eliminta echo**. Then mute yourself.
- 6) I do not look in the "chatbox," often. Remember that the Chat is public, and a record of the chat is kept and archived.



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### CALENDAR :

Week	Chapter Section	Topics	Homework
1	Course Intro. 1.2, 1.3, 1.4	Graphs Linear Equations Functions	
2	1.5 1.6 1.7	Analysing Graphs Library of Parent func. Transformationss	
3	1.8 1.9 1.10	Conbinations of functions Inverse Functions Math Modeling	
4	2.1, 2.2 2.3, 2.4	Quadratic Equations Synthetic Division Complex Numbers	
5	2.5 2.6, 2.7 <b>Test#1</b>	Rational Functions Non Linear Inequalities	
6	3.1, 3.2, 3.3	Expo & Log Functions	
7	3.4 3.5	Properties of Logs Expo & Log Functions Expo & Log Models	
8	7.1, 7.2 7.3,7.5 <b>Test#2</b>	Systems of equations Multivariable systems Systems of Inequalities	
9	9.1 9.2 9.3	Sequences Arithmetic Geometric	
10	10.1 10.2	Lines Parabola	
11	10.3 10.4	Ellipse Hyperbola	
12	10.5	Rotation of Conics, Review	
	<b>Final: On the last class meeting</b>		

Note: The instructor reserves the right to revise the calendar as needed to cover the materia.





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### **Student Learning Outcome(s):**

- \* Investigate, evaluate, and differentiate between algebraic and transcendental functions in their graphic, formulaic, and tabular representations.
- \* Synthesize, model, and communicate real-life applications and phenomena using algebraic and transcendental functions.