



# MATH 043.23Z Pre-Calculus III

W21



**Prof. G. V. KRESTAS**

Time : TR 1:30-3:45  
Office : Online  
Phone: (408) 864-8574  
Office Hour: M-R: 12:30 – 1:20  
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**Course Structure:** Five hours lecture (60 hours total per quarter). This is an intensive and fast moving course, requiring significant amount of study and practice for successful completion.

SLOs are included in the Syllabus posted at the PSME website.

**Webassign :** Homework, Quizzes, Tests and the Final will be done on Webassign. You will need to purchase an account in addition to the access code, which I will provide to you.

**Text :** *Precalculus with Limits, Larson 4<sup>rd</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 :** **Learning is your responsibility.** However, you are expected to abide by the institution's Code of Student Conduct. Engaging in behaviors that distract or



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interrupt the instructor's ability to teach or the students from learning will not be tolerated. The following is a partial list of **unacceptable** behaviors:

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.

**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 of 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 can not take the Final on the scheduled day and time, **do not take 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. No time extentions will be be given.
7. **If you miss the final you will get an "F" grade for the class.**



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## Scale

Homework .....	= 10 points	90 points < A-, A, A+ < 100 points
Tests .....	= 30 points	80 points < B-, B, B+ < 89 points
Quizzes .....	= 25 points	70 points < C-, C, C+ < 79 points
Final Exam .....	= 35 points	50 points < D-, D, D+ < 69 points
Bonus.....	= 05 points max	0 points < F < 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 the critical importance of the *Copyright* © of materials used and/or presented in class, 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 with this restriction.

**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. For privacy, a class ID is used to list the grades. Your **class ID** is the modulo (remainder) of your **SID** divided by **3579** (rounded up).



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

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

### *ZOOM Classroom Rules:*

- 1) Log into the class on time from a distraction-free, quiet environment and wait to be admitted.
- 2) Show your face and use the name you registered with--you may use any appropriate background, if you so wish.
- 3) To ensure that only register students attend, make sure your video is on during the meeting--if I can not see you I will remove you from the meeting.
- 4) If you would like to speak or answer a question, raise your hand physically or use the "Raise Hand" feature and say "sir," "professor," or "Mr. Krestas." Then unmute yourself after you are called on by me.
- 5) When you are speaking, speak slowly and clearly close to the microphone to eliminate echo.
- 6) Let us know that you are finished by saying something like, "That's all," or "I'm done," or "Thank you." Then mute yourself.
- 7) If you use the chatbox, remember that it is public, and a record of the chat is kept and archived.



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### CALENDAR :

Week	Chapter Section	Homework	Homework
1	Course Intro. 7.1 7.3 7.5	Linear/nonlinear Systems Multivariable linear Systems System of Inequalities	
2	8.1 8.2 8.3	Matrices + Systems Matrix Operations Inverse of a square Matrix	
3	8.4 8.5	Determinant of a sq. Matrix Applications of Matrices	
4	<b>Test #1</b> 9.1	Sequences & Series	
5	9.2 9.3 9.4	Arithmetic Sequences-Series Geometric Sequences-Series Induction	
6	9.5 <b>Test#2</b>	The Binomial Theorem	
7	11.1 11.2	3-D Coordinate system 3-D Vectors	
8	11.3 11.4	Cross Product Lines-planes in space	
9	<b>Test#3</b> 10.6	Parametric Equations	
10	10.7 10.8 10.9	Polar Coordinates Graph of Polar Eqs. Polar Eqs. Of Conics	
11	Hyperbolic Functions	Reading Assignment	
12	<b>Review</b> <b>Final: see Finals Schedule at Deanza.edu</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):**

\*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.