



MATH 043.23Z Pre-Calculus III

F20



Prof.

G. V. KRESTAS

Time : MW 4:00-6:15
Office : Online
Phone: (408) 864-8574
Office Hour: MW: 12:15 – 1:15
Website: profgvk.weebly.com
e-mail: krestasgeorge@fhda.edu

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.

Webassign : Homework, Quizzes, Tests will be done on Webassign. You will need to register to use it. You will also need a key which I will give you.

Text : *Precalculus with Limits, Larson 4th 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, looking at others' exams, 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. During exams, protect your work. Any infringement will disqualify **both** parties.

Attendance : **You must come to class prepared and on time!** Regular and punctual attendance is expected. Entering the classroom late or leaving before the class is dismissed, besides being rude and inconsiderate behavior for those present, **it disrupts the learning process**. Therefore, late arriving students or those leaving the class at will may not be able to **enter/re-enter** until the break. **Therefore, take care of your physical needs before entering the classroom.**

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 interrupt the instructor's ability to teach or the students from learning will not be tolerated.



MATH 043.23Z Pre-Calculus III

F20

Sanctions imposed on violators may vary from a 10-point deduction to being ejected from the class, dropped, and/or reported to the Dean of Students (see Sanctions section below).

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.

Assignments : Homework, Quizzes, Tests (done on Webassign).

Communications: krestasgeorge@fhda.edu

1. I do not have a personal secretary. Therefore, it may take up to 48 hrs for a response.
2. Do not call or email me asking for my notes or if I said anything "important!" The answer to both is "NO".
3. Test solutions will be presented in class.
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 at 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 schedule of finals 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.
4. If you can not take the Final on the scheduled time (see Calendar or the De Anza website Finals Schedule), do not take the class.
5. The examinations may contain T/F, M/C, and fill-in equations in addition or in lieu of solving problems.
6. Examinations are timed and administered at a specific time and day.
7. **If you miss the final you will get an "F" grade for the class.**



MATH 043.23Z Pre-Calculus III

F20



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	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 ejected 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. For example,

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 : Will be announced in class. Office hour is intended for students to have a private 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 two weeks. If there is a discrepancy in your scores, then you should immediately contact me. No error will be recognized after one week from the posting of the latest roster or after the last day of classes.



MATH 043.27Z

Pre-Calculus I

S20

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



MATH 043.27Z

Pre-Calculus I

S20



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	Test #1 9.1	Sequences & Series	
5	9.2 9.3 9.4	Arithmetic Sequences-Series Geometric Sequences-Series Induction	
6	9.5 Test#2	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	Test#3 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	Review Final: see Finals Schedule at Deanza.edu		

Note²: The instructor reserves the right to revise the calendar as needed to cover the material.





MATH 043.27Z

Pre-Calculus I

S20

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.