



Prof.

G. V. KRESTAS

Section: 25 MW 4:00 – 6:15, MLC109
62 TR 6:30 – 8:45, E33

Office : S75c

Office Hour: MW 12:30-1:20; TH 3:00-3:50.

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Student Learning Outcomes

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

Course Structure

Five hours lecture (60 hours total per quarter). This is an intensive and fast moving course, requiring lot of practice for successful completion.

Advisory

None

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Prerequisites

Math 41 and Math 42 with a grade of C or better.



Text : *Precalculus with Limits, Larson 2nd Edition*

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. They will be marked as absent (-2 points) and/or will be penalized accordingly (see "Sanctions" below). Therefore, the class-door **will be locked**, and it will not open until the break. Therefore:

1. Take care of your physical needs before entering the classroom.
2. Turn-off and put away—**out of sight**—your phone and other entertainment equipment before entering the classroom.
3. The instructor does not keep graded materials for late pick-up; they are left in the classroom.
4. Homework extensions will not be given, that is why one is dropped.
5. You are expected to participate in all class activities and be ready to answer questions.
6. If you can not take the final on the date and time assigned by the college, **do not take the class.**
7. **Dropping the class is your responsibility.**
8. If you are expecting an "Emergency" call, or you are sleepy or tired, please do us all a favor, stay home. The classroom is not a bedroom nor a telephone booth.

Assignments/Tests

1. College Level quality of work is expected.
2. Messy work (Homework, Tests, Quizzes, final, etc.) will not be graded.
3. Solution methods other than those presented in class are not acceptable.
4. Written work is scanned. Therefore, it is imperative to follow the standards below, to the letter.
5. If the machine can not read your name, your work will be rejected.
6. Rejected work will receive a grade of zero (0). A sample will be shown in class.
 - a. Type/Print your name, upper case letters on the top of the first page (see example).
 - b. Use new 20 lb printer-paper and write/type the solution on one side only.
 - c. If your answer is text only, your paper must be word-processed.
 - d. If you word-process your paper/report and you have equations in your text, use an equation editor. Do not use non-standard notation for exponents or other mathematical symbols.
 - e. If you do not have an equation editor write equations clearly by hand.
 - f. Use a 2H pencil so you can easily erase if corrections are needed.
 - g. Use the supplied grid for graphs, label the axes appropriately including key-values and units.
5. Start each problem/question at the top of a new page.
6. Present the solution in a top-down fashion. (the answer should be the very last statement)



7. Box only the answer(s).
8. Write/type using the equivalent of font: Arial 12.
9. Use one inch margins on both sides.
10. Round answers to two decimal places.
11. If the number is less than one, place a zero before the period (ex. 0.34)
12. Staple all sheets together in ascending order of the problems and do not fold.
13. No work will be accepted the last day of classes.

Academic Integrity

De Anza College is committed to the highest standards of academic integrity and honesty. Students are urged to familiarize themselves with the provisions of the Code of Student Conduct (CSC). 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 farther 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 penalize **both** parties.

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. Sanctions imposed on violators may vary from a 5-point deduction to being asked to leave the classroom or being dropped.

The following is a partial list of unacceptable behaviors: *ringing phones, entering or leaving the classroom at will, continued, willful, open and persistent defiance of the authority of the instructor, inordinate demands for time and attention, talking, eating, drinking, pandiculating, or sleeping in class.*

Note: There is no need for **cell phones, earphones, laptops, tablets e.t.c.** for the successful completion of this class, unless otherwise directed by the instructor or have documentation from the *Disability Resource Center* stipulating the use of a specific device. Consequently, all electronic instruments, especially **cell phones**, must be **turned off and out of sight during class**. Violators will be sanctioned, accordingly (-5 points/occurrence) .

https://www.youtube.com/embed/JHixEIr_6BM?rel=0&autoplay=1&iv_load_policy=3

Borrowing calculators, erasers, etc. from other students during tests/Quizzes is not allowed. You may borrow a calculator, for a limited time, from the Library.

Communications:

krestasgeorge@fhda.edu



1. I do not have a secretary, 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/Quiz solutions will be at my office door.
4. I welcome suggestions about issues relating to the course.
5. For praise, derision or grumble see "Where to send ... mail" below.

Contesting Grades

DO NOT CONFUSE EFFORT WITH RESULTS. Student earned points are NOT subject to negotiation. Additional credit will only be given in those cases where there is evidence of oversight. Explaining what you did wrong does not constitute oversight on the part of the grader.

To contest a grade:

1. Submit a word processed explanation (oral or emailed explanations will not be considered).
2. The heading of the form should be: Last Name, First Name, M043.xx, Tz, where xx is the section and z is the numer of the test.
3. Staple it in the front of the graded item in question no later than the class session immediately following the one where the work was returned to you.
4. Contesting requests past the one session deadline will not be honored.
5. Presenting other student's work, seemingly the same as yours, for which the other student received more credit than you did, will result in lowering the other student's grade to match yours.
6. No contests will be accepted at the last day of classes.
7. The Grade Roster will be circulated every two weeks. If there is a discrepancy follow the above procedures.

Assessment Method

Weekly homework, maximum three tests, several unannounced quizzes given at any time during the class period, 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.
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 **drop the class**.
5. The examinations may contain T/F, M/C, and fill-in equations in addition or in lieu of solving problems. Therefore, have a SCANTRON 2052 on test days.
6. All examinations are closed book and notes, except for an 8.5" x 11" sheet (both sides).



7. If you leave the classroom during a test you will receive a zero (0) for it.
8. On test days, you may be assigned a different seat.
9. I keep finals for 21 days. Please make an appointment if you wish to review it.
10. **If you miss the final you will get an "F" in the course.**

Scale

Homework	= 10 points
Test(s).....	= 30 points
Quizzes	= 25 points
Final Exam	= 35 points
Bonus points	= 5 points

90 points <	A-, A, A+ <	100 points
80 points <	B-, B, B+ <	89 points
70 points <	C-, C, C+ <	79 points
60 points <	D-, D, D+ <	69 points
0 points <	F <	59 points

Absence: -2 points, Phones in sight: -2 points, Ringing Phones: -5 points, Ear phones: -5

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

Materials

Four SCANTRON 2052 sheets, calculator (not cell phone), pencil #2, eraser, ruler.

Sanctions

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

Student Services

Click on the link <http://www.deanza.edu/studentservices/> 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 private discussion about their grades or for clarification on a *specific question* about a homework, or lecture-problem, *after* the student has attempted to solve the problem himself and has visited the Tutorial Center for assistance. Office hour is **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 sanctioned and /or may be dropped. And they will be held responsible for any copyright infringement caused by their failure to comply with this restriction.

Roster

The roster will be circulated approximately every two weeks. If there is a discrepancy in your score, then you should follow the same process outlined in the "CONTESTING YOUR GRADES." No error will be recognized after one week from the day of the posting or after the last day of classes.

Tutoring

The Student Success Center (S46) offers group and individual tutoring free of charge. If you need assistance, do not wait, sign up immediately.

Where to send Fan/Hate Mail: krestasgeorge@fhda.edu

See the appropriate tab in my website: profgvk.weebly.com

In Conclusion

Despite the length and language of my greensheet, I am actually supportive of students who are serious about their education. However, if you still are operating in High School



mode, you may find me overbearing and obnoxious.

[My website](#)

My website contains information about me, my dog, the rosters, etc. The roster will be posted there every two weeks and on the day before the last day of classes.

Calendar

Below is a tentative schedule of homework due and chapters to be covered. The instructor reserves the right to adjust the schedule as needed for timely coverage of the course material.

Homework assignments are to be done on the computer. They allow a minimum number of trials and they can not be completed after the deadline. Therefore, I recommend that you do them first on paper before you attempt doing them on the computer.

Bear in mind that the arithmetic value(s) between the problem(s) in the book and the one(s) on the computer most likely will not be the same.



MATH 043

Pre-Calculus III

F15



Week	Chapter Section	Homework	Homework Due Date 12:00 noon.
1	Course Intro. 7.1 7.3 7.5	8,48,68 8,24,50 40,60,82	9/28
2	8.1 8.2 8.3,	30,40,92 20,36,62 38,44,74	10/5
3	8.4 8.5	44,52,68 16,38,62	10/12
4	Test #1 9.1	32,82,96	10/19
5	9.2 9.3 9.4	64,92,96 56,68,118 22,58,79	10/26
6	9.5 Test#2	40,60,92	11/2
7	11.1 11.2	20,50, 62,78 38,54,60,64	11/9
8	11.3 11.4	36,54,58,62 26,40,50,62	11/16
9	Test#3 10.6	22,28,52	11/23
10	10.7 10.8 10.9	18,40, 106 60,66, 78 54,59,65	11/30
11	Hyperbolic Functions		12/7
12	Review Final: see Finals Schedule at Deanza.edu		

Note¹: Although I only assign a few problems per week, I strongly recommend that you do at least ten problems from the end of each section.

Note²: The grading will be based on neatness and organization, as well as, on correctness.

Note³: The Final will be given at the time and date defined by the College. Missing the Final will result in an "F" for the class.

Note⁴: The instructor reserves the right to revise the calendar as needed to cover the material.

