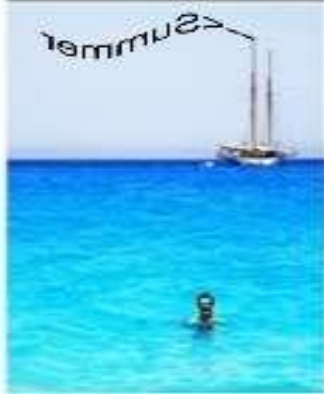




MATH 043.61 Pre-Calculus III

U15



Prof. **G. V. KRESTAS**

Class: M-Th 5:30 – 7:45, MLC108
Office : S75c
Office Hour: By appointment.

Phone: (408) 864-8574
e-mail : krestasGeorge@fhda.edu
Website: profgvk.weebly.com

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

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 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. Be on time and take care of your physical needs before entering the classroom.
2. Turn-off and put away and out of sight your phone and other entertainment equipment before entering the classroom.
3. Graded materials are not kept for late pick-up; they are left in the classroom.
4. Late work will not be accepted, that is why one is dropped.
5. A large portion of each class will be used for problem-solving.
6. You are expected to participate in all class activities and be ready to answer questions.
7. If you can not take the final on the date and time assigned by the college, do not take the class.
8. After three absences you may be dropped. However, **dropping the class is your responsibility.**
9. 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 that you follow the standards below, to the letter.
5. If the machine can not read your name, your work will not be graded.
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 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. You may borrow a calculator, for a limited time, from the Library. Borrowing calculators, erasers, etc. from other students during tests/Quizzes is not allowed.

Communications: krestasgeorge@fhda.edu

1. Due to lack of personal secretarial support, 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 posted on 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. 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.
3. Contesting requests past the one session deadline will not be honored.
4. 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.
5. No contests will be accepted at the last day of classes.

Assessment Method

Homework, one midterm , 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, or any other day, 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).....	= 25 points
Quizzes	= 30 points
Final Exam	= 35 points
Bonus points (instructor's prerogative)	= 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

*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 sheets of SCANTRON 2052, calculator, pencil #2, eraser, ruler.

Sanctions

Sanctions may vary from an oral reprimand to a 1-10 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



There is no Office Hour during the summer session. Office hours are 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. 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 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 Mail: krestasgeorge@fhda.edu

Where to send Hate Mail: <http://underachieversrevenge.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 the student in the above video remotely resembles you, you might find me overbearing and obnoxious.

[My website: profgvk.weebly.com](http://profgvk.weebly.com)



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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 may not be the same.



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W e e k	<u>Lecture</u> (Chapter/Section)	<u>Homework</u>	<u>Due</u> On Sunday 11:30 pm
1	7.1, 7.3, 7.5 8.1, 8.2, 8.3	7.1.8,48,68; 7.3.8,24,50; 7.5.40,60,82 8.1.30,40,92; 8.2.20,36,62; 8.3.38,44,74	
2	8.4, 8.5, 9.1, 9.2,9.3,9.4,9.5	8.4.44,52,68; 8.5.16,38,62 9.1.32,82,96; 9.2.64,92,96 9.3.56,68,118; 9.4.22,58,79; 9.5.40,60,92	
3	Test (6.1),(6.2),6. 3, 6.4	6.3.86,90,94,102; 6.4.40,76,82,94	
4	11.1, 11.2, 11.3, 11.4	11.1.20,50,62,78; 11.2.38,54,60,64; 11.3.36,54,58,62; 11.4.26,40,50,62	
5	(10.1), 10.2, 10.3, 10.4, (10.5), 10.6	10.1.32,60,66,70; 10.2.42,68,72,76 10.3.38,64; 10.4.22,54; 10.5.24,50; 10.6.22,28	
6	10.7, 10.8, 10.9 FINAL	10.7.18,40; 10.8.60,66; 10.9.74,80	
7			
8			
9			
10			
11			
12	Final: see Finals Schedule at Deanza.edu		

