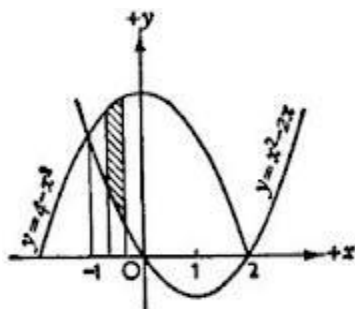# MATH 1A.27   F23
Calculus I

Prof.   **G. V. KRESTAS**

Time :   TR 4:00-6:15   Room: MLC 260
Office :   S75c
Phone: (408) 864-8574
Office Hour: TR: 12:30 – 1:20
Website: profgvk.weebly.com
e-mail: krestasgeorge@fhda.edu

Course Structure

Lecture. This is an intensive and fast movng course, requiring significant amount of study and practice for successful completion.

Materials

1) Text :   Early Transcendentals CALCULUS, by Stewart, Clegg, Watson, 9*rd Edition*
2) **Software:** **Webassign** subscription.
3) Mask: May be required during class.

Student Learning Outcome(s):

- Analyze and synthesize the concepts of limits, continuity, and differentiation from a graphical, numerical, analytical and verbal approach, using correct notation and mathematical precision.
- Evaluate the behavior of graphs in the context of limits, continuity and differentiability.
- Recognize, diagnose, and decide on the appropriate method for solving applied real world problems in optimization, related rates and numerical approximation.

Attendance

Regular and punctual attendance is expected. Entering the classroom late or leaving before the class is dismissed **disrupts the learning process.** 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. The door will be locked five minutes after the start time and it will re-open at the break. Take care of your physical needs before entering the classroom.

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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 2-point deduction to being aske to leave the classroom, dropped, and/or reported to the Dean of Students.

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. Use of your phone, laptop, or any other electronic devices during lecture, unless instructed to do so.

Assignments (Homework, test, quizzes)

Are done on Webassign and/or in person. They are **due at the time posted.**

Communications: krestasgeorge@fhda.edu

1. It may take 24-48 hrs for a response during the week.
2. Email me at: krestasgeorge@fhda.edu
3. On the Subject line write: ***Your Last name, First name, Dxx.xx***
4. Do to copywright restrictions; I do not post my (powerpoint) notes.
5. I welcome suggestions about issues relating to the course.
6. For praise, derision or grumble see "*Where to send Fan/Hate mail*" in my website: MY WEBSITE

Assessment Method

Several Webassign and/or in-class quizzes, three tests, and a comprehensive final given at the day and time assigned by the College (see schedule of finals at http://deanza.fhda.edu).

1. If you cannot take the Final on the scheduled day and time **drop the class**.
2. The examinations may contain T/F, M/C, and problems to be solved analytically.
3. Examinations are timed and administered at a specific day and time.
4. **If you miss the final, you will get an "F" grade for the class.**

Contesting Grades

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1. Earned points are NOT subject to negotiation.
2. Only clear evidence of oversight on the part of the instructor will be considered.
3. Explaining what you did wrong does not constitute grounds for a grade change.
4. No contest will be considered passed the seven-day deadline
5. Grade disputes must be brought to the attention of the instructor within seven days from the date the exam, quiz, or homework was returned.

Makeup Requests.

There are absolutely no makeups given.
However, with the exception of the final, the lowest of each of the tests, quizzes, and homework will be dropped to take into account any technical or personal difficulties that may have prevented you from submitting your work on time.

Scale

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

90 points < A-, A, A+ < 100 points
80 points < B-, B, B+ < 89 points
70 points < C-, C, C+ < 79 points
50 points < D-, D, D+ < 69 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.*

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Office Hour

Office hour is intended for students to have a private discussion about their grades or for clarification on a **specific question** about the lecture or the homework *after* the student has attempted to solve the problem himself, or has visited the 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 are not allowed to tape, photograph, or electronically record all or part of the lecture, tests, or quizzes. Violators will be held personally responsible for any copyright infringement caused by their failure to comply with this restriction.

Roster

The roster will be posted at my website and on CANVAS (Files) every week. If there is a discrepancy in your scores, you should immediately contact the instructor within a week. No error will be recognized after the next posting or after the last day of classes.

Tutoring

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

Academic Honesty:

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 result in an "F" grade for that test for **both** parties.

Students with Disabilities:

Those needing accommodations based on the impact of a disability must contact the *Disabled Students Services* directly, not the instructor.

Click on 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.

Mask Requirement: A mask may be required to be worn by all while in the classroom.

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Dropping the course:

Withdrawing from the course is the responsibility of the student, to avoid an "F" for the course. Just stopping coming to class, does not result in an automatic drop. For more information regarding this topic, contact the Registrar's office.

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CALEANDAR :

Week	Chapter Section	Sections	Homework
1	Course Intro. 2.1 2.2	Tangent, Velocity Limit of a function	
2	2.3 2.5 2.6	Using the Limits Law Continuity H-Asymptotes	
3	2.7 2.8 **Test #1**	Derivatives & Rates TheDerivative as a Function	
4	3.1 3.2 3.3	Derivatives - Polynomials Product – Quotient Rules Derivatives - Trig Functions	
5	3.4 3.5	Chain Rule Implicite Differentiation	
6	3.6 3.9 **Test#2**	Derivatives - Log Functions Related Rates	
7	3.10 4.1 4.2	Linear Approximations Max – Min Values The Mean Value Theorem	
8	4.3 4.4	Derivatives - Graphs L'Hospital's Rule	
9	4.5 **Test #3**	Curve Sketching	
10	4.7 4.8 4.9	Optimization Newton's Method[*] Antiderivative	
11	10.1 10.2	Parametic Curves Calulus of Parametric curves	
12	**Review, Final: see Finals Schedule at Deanza.edu**		

Note: The Instructor reserves the right to revise the calendar as needed.

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• Recognize, diagnose, and decide on the appropriate method for solving applied real world problems in optimization, related rates and numerical approximation.

Office Hours:

     M,W   12:00 PM   01:15 PM   In-Person   s75c