MATH 1A27 W24
Precalculus I

Prof. **G. V. KRESTAS**

Time : 4:00-6:15 TR MLC 270
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 successull completion.

Materials

1) Text : Calculus Early Transcendentals, 9th Edition, by Larson
2) Sofware: *Webassign* subscription.

Student Learning Outcome(s):

Investigate, evaluate and differentiate between algebraic functions in their graphic, formulaic, and tabular representations. Synthesize, model, and communicate real-life applications and phenomena using algebraic functions

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.

Classroom Decorum

- o **Telephones**, earbuds and/or other electronic equipment should be off and out of sight, during lecture, except if otherwise instructed by the instructor.
- o **Learning is your responsibility**.
- o **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)

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, Dxxx.xx***
4. Due 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

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. Grade disputes must be brought to the attention of the instructor within seven days from the date the exam, quiz, or homework was returned.
5. No contest will be considered passed the seven-day deadline.

Makeup Requests.

There are absolutely no makeups given.
Instead, 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 one of your works on time.

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
Absence/Tardie **= -2 points**	

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

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.

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.

Zoom Etiquette Guidelines (for online class)

Math : Adventures without limits.

1) For security reasons, adjust your camera and lighting so the instructor can see your face well. Otherwise, you will be sent to the waiting room.
2) Make sure your full (registered) name shows up clearly.
3) Mute your microphone when you are not speaking.
4) Be mindful of background noise and distractions around you.
5) Avoid multi-tasking and focus your attention on the class.
6) Turn off your phone.
7) All comments and discussions should be respectful of the instructor and fellow students; disagreements are fine, but personal attacks are not.
8) Use the chat feature to ask questions or raise your hand.
9) Wait for the instructor to call on you.
10) When you are talking look into the camera and **speak loudly and clearly**.
11) Only one student should talk at a time.
12) Dress appropriately, as if you are coming to the classroom.
13) Remember that you are always on camera and behave accordingly.

<u>COPYRIGHT</u>

My PowerPoint lectures are mainly based on problems from the assigned Text under the Fair Use Copyright; solely for instructional purposes.

Therefore, I do NOT give any expressed or implied warranties for accuracy or correctness of the material nor do I grant you permission to digitally or otherwise record or distribute all or part of them, except if you have been determined by the College to be eligible for classroom academic accommodation to digitally record lectures. In that case, the responsibility to adhere to the copyright laws is totally yours and the following rules apply:

- Recorded class lectures are for your personal and private use only.
- The information contained in the recorded lectures is protected under federal copyright laws and may not be published, quoted or sold.
- Recorded lectures cannot be used in any way against the faculty member, other lecturer, or students whose classroom comments are recorded as part of the class activity.
- Recording should stop, at any time, if the instructor directs you to do so.
- Recordings may not be shared with or distributed to others in any way; this includes but is not limited to posting such recordings online, uploading them to the Internet, posting them to social media sites, or distributing them in any way.
- All digital, tapes or audio recordings must be destroyed by the end of the quarter.

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.
Optional

Math : Adventures without limits.

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.

Office Hours:

      T,TH 12:30 PM   01:20 PM   In-Person   S75c

Math : Adventures without limits.