

**Rudolf
T, Th in G5**

**Math 1A.48
Syllabus**

**Winter 2023
6:30 – 8:45 pm**

Required text: Calculus, Early Transcendentals, 9th Edition, Stewart, James, Cengage, Boston, MA, 2021

Calculator: A scientific calculator is required. (TI-84 is recommended.)
Bring your calculator to class every day.

Office Hours: 5:30 – 6:00 pm every T and Th in S-43, the Math and Science Tutorial Center.

E-mail address: rudolfhoward@fhda.edu

**Student Learning
Outcomes:**

- 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: Class meets every T and Th from 6:30 – 8:45 pm. **You must attend on the first day of class or you will be dropped as a “no show.”** You are expected to attend class every day. Additionally, material not discussed in the text may be covered. **Often, students who don’t attend class end up dropping or flunking!**

Masking: **Wearing a mask is a requirement for attending class!**

Adding: You must add by the end of the 2nd week of class (Saturday, January 21st). After that, I will not allow you to add. If you are on the waiting list or if you want to add (and there is room), I will give you the appropriate add code on Tuesday after class.

Dropping: It is your responsibility to drop the course on or before Friday, March 3, 2023 if you decide to discontinue the course. If you are on my final roster, I have to give you a grade.

If you miss an exam or the two quizzes before the drop date, it will be at my discretion to drop you.

Prerequisite: MATH 32, 32H, 43. or 43H (with a grade of C or better), or appropriate score on Calculus Placement Test within the past calendar year

Course content: Course topics will include three chapters in the book:

Chapter	Name	Sections
2	Limits and Derivatives	2.1 – 2.8
3	Differentiation Rules	3.1 – 3.6, 3.9 – 3.11
4	Applications of Differentiation	4.1 – 4.5, 4.7, 4.9

Grading: Your grade will be based on the following:

2 quizzes	50 points
3 exams	300 points
<u>1 final exam</u>	<u>150 points</u>
	500 points

The grading scale is:

<u>Percentages</u>	<u>Total Points</u>	<u>Grade</u>
90 – 100	450-500	A
80 – 89	400-449	B
70 – 79	350-399	C
60 – 69	300-349	D
Below 60	< 300	F

Testing: You are allowed one make-up on a quiz or an exam during the quarter. *The make-up will be taken during office hours on the class day following the originally-scheduled quiz or exam.*

If you use your make-up privilege once and don't take a subsequent quiz or exam on time, you will get a zero.

The final exam will be comprehensive. **There is no make-up on the final exam.**

Notably, making up an exam or a quiz doesn't mean you can take it over if you do poorly

Testing
Material:

Quiz/Exam #	Sections Covered
Quiz #1 on Chapter 2	Sections 2.1 – 2.4
Chapter 2 Exam	All Sections
Quiz #2 on Chapter 3	Sections 3.1 – 3.4
Chapter 3 Exam	All Sections
Chapter 4 Exam	All Sections

Testing Rules:

- 1) You will get 45 minutes for a quiz and 2 hours, 10 minutes for a midterm.
- 2) A wrong answer cancels out a correct answer.
- 3) If you are late for a quiz or an exam, you lose the time.

Homework:

Homework will be assigned after we cover each section. The answers to the text problems can be found in the back of the book.

It is highly recommended that you do the homework, as practice makes perfect. Many problems will be assigned to allow you that practice, and for that reason, the homework will be **non-collectable**.

Handouts:

All handouts will be available in Canvas for download. Be sure to print the handouts from each chapter and bring them to class.

Comments:

- 1) Make sure your De Anza e-mail in My Portal is current.
- 2) If you have any learning disabilities, please make sure you talk to me ASAP and that you provide me with all of the appropriate paperwork and I will make accommodations for you.

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Office Hours:

M,W 05:30 PM
In-Person

06:00 PM
S-43

T,TH 05:30 PM
In-Person

06:00 PM
S-43