Rudolf	**Math 32.25**	**Fall 2023**
M, W in MLC-111	**Syllabus**	**4:00 – 6:15 pm**

Required text: <u>Precalculus with Limits</u>, 5th Edition, Larson, Ron, Cengage, Boston, MA, 2022

If you want to purchase the e-book, here is the link from the publisher:

https://www.cengage.com/c/student/9780357457856/?filterBy=Student

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

Office Hours: 12:30 – 1:00 pm every M and W in S-43, the Math and Science Tutorial Center.

E-mail address: rudolfhoward@fhda.edu

Student Learning Outcomes:

- Formulate, construct, and evaluate trigonometric models to analyze periodic phenomena, identities, and geometric applications.

Attendance: Class meets every M and W from 4:00 – 6:15 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 optional for attending class!**

Adding: You must add by the end of the 2nd week of class (Saturday, October 7th). After that, I will not allow you to add. If you are on the waiting list (and there is room), I will give you the appropriate add code on Monday after class.

Dropping: It is your responsibility to drop the course on or before Friday, November 17, 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 31 or its equivalent with a grade of C or better, or equivalent placement.

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

Chapter 4, Trigonometry
Chapter 5, Analytical Trigonometry
Chapter 6, Additional Topics in Trigonometry
Chapter 10, Polar Coordinates ad Graphs of Polar Equations

Grading: Your grade will be based on the following:

2 quizzes	50 points
3 exams	300 points
1 final exam	150 points
	500 points

The grading scale is:

Percentages	Total Points	Grade
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 4	Sections 4.1 – 4.4
Chapter 4 Exam	Sections 4.1 – 4.8
Quiz #2 on Chapter 5	Sections 5.1 – 5.3
Chapter 5 Exam	Sections 5.1 – 5.5
Chapter 6 Exam	Sections 6.1 – 6.5
Chapter 10 (Tested on Final Exam)	Sections 10.7 – 10.8

<u>Testing Rules:</u>   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.

<u>Homework:</u>   Homework will be assigned at the beginning of each chapter. The answers to the text problems can be found in the back of the book. Additional problems covering material not presented in the text will be assigned as well, and the answers to these problems will be given to you.

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**.

<u>Handouts:</u>   All handouts will be available in Canvas for download. Be sure to print the handouts from each chapter and bring them to class.

<u>Comments:</u>   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   12:30 PM   01:00 PM
In-Person   S-43