Rudolf **Math 42.61** **Winter 2020**
E-32 **Syllabus** **6:30 – 8:45 pm**

Required text: Precalculus with Limits, 3rd Edition, Larson, Ron et.al, Brooks/Cole, Belmont, CA. 2014

Calculator: A graphing scientific calculator is required. (TI-84 is recommended.) You cannot share them, and you may not use a cell phone or any other device. **Bring your calculator to class every day.**

Office Hours: Monday, Tuesday, Wednesday and Thursday 5:30 – 6:00 pm in S-43

E-mail address: rudolfhoward@fhda.edu

Attendance: You are expected to attend class every day. Material not discussed in the text may be covered.

Adding: You must add by the **end** of the 2nd week of class (Saturday, January 18th). After that, I will not allow you to add.

Dropping: It is your responsibility to drop the course on or before Friday, February 28th 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, and you don't make them up, it will be at my discretion to drop you.

Prerequisite: Math 41 (Precalculus I) or its equivalent with a grade of C or better, or equivalent placement.

Student Learning Outcomes (SLO):

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

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 as follows:

Percentages	Total Points	Grade
88 – 100	440 – 500	A
76 – 87	380 – 439	B
66 – 75	330 – 379	C
56 – 65	280 – 329	D
Below 56	< 280	F

Testing: You are allowed **one** "excused" absence (i.e. illness, car trouble) on a day of a quiz or an exam. It will be your responsibility to notify me via e-mail **before** 3:00 pm the day of the next class period to make arrangements to make-up the quiz or exam and you will take the quiz during my office hours or the exam at the beginning of class. If you don't show up to the make-up, you will get a zero and it will count as your make-up.

If you use your make-up and then miss a quiz or an exam subsequently, you will get a zero on that quiz or exam.

No make-up is allowed for the final exam and making up a quiz or an exam doesn't mean getting to take it over again if you do poorly!

If you know in advance that you will not be here for an exam, I will allow you to take the test early as long as you give me 2 class days advanced notice. If you take the exam early, it will not count as a make-up. (See the calendar for quiz and exam dates.)

All quizzes and exams are closed book. A cheat sheet, 8 ½ x 11 inches, will be allowed for the final exam. The final exam will be comprehensive.

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

Testing Rules:

1) If you come in late for an exam or a quiz, you lose the time.
2) A wrong answer for a problem cancels out a right answer.
3) Scratch paper will be provided for the exams and the final exam, but not for the quizzes.

Handouts: The chapter packets will be e-mailed to you the day prior to the day we start that particular chapter in lecture. Be sure to print it out and bring it to class. The packets also include copies of the transparencies that I will use in lecture and not having those transparencies in front of you during lecture will put you at a disadvantage.

Homework: Homework will be assigned at the beginning of each chapter and can be found at the end of each packet. 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. Many problems will be assigned to allow you to practice, and for that reason, the homework will be **non-collectable**.

Electronics: Cell phones must be turned off or set for vibration only. Do not answer your phone and have a conversation in class!

If you have to take a call, then you need to leave the classroom and have the conversation far away from the classroom.

Comments:

1) If I catch you cheating, you will be dropped from the course.

2) Don't ever e-mail me asking me for your grade on a quiz, an exam, the final or the class.

3) Make sure your De Anza e-mail in My Portal is current.

4) 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.

Student Learning Outcome(s):

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