Math 42-11   Pre-Calculus 2: Trigonometric Functions   Fall 2017

MTWThF 12:30 pm – 1:20 pm   CRN 24183   G5   Instructor: Gayathri Chakravarthy

Contact Information: Email is the best way to reach me.
Email: chakravarthygayathri@fhda.edu

Office Hours: MTWThF 1:30 pm – 2:00 pm
Location: Math and Science Resource Center (S43)

Course Description: The theory of Trigonometric Functions and their applications
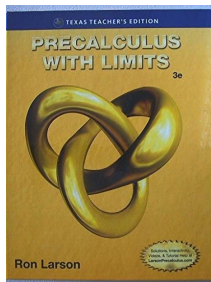
 Prerequisite: Completion of Precalculus Math 41 with a grade of C or better

Student Learning Outcomes (SLO):
Formulate, construct, and evaluate trigonometric models to analyze periodic phenomena, identities, and geometric applications

Required materials:
Textbook:

1. Ron Larson Precalculus with limits 3rd edition
2. Student access code to Webassign
2. Students must have a graphing calculator. Recommended calculators: TI-83, TI-83+, TI-84, TI-84+
3. Wiring material: pen, pencil, paper and a 3-ring binder to help you organize your material

Grading
1. Homework:
Homework is assigned on webassign.
WebAssign: This is an online program we will be using to complete homework assignments. You can either purchase it straight from the website or purchase a textbook from the De Anza bookstore, and WebAssign access will be included. Here are steps to sign up for the online homework system:
 1 – Go to http://www.webassign.net
 2 – Click on "I Have A Class Key"

3 – Enter: deanza

4 – Fill out your personal information

Proficiency in mathematics comes only with frequent practice. Attending classes and completing homework assignments on time is very important in accomplishing this goal. You should plan to set aside 2 hours of doing homework for every hour in class.

2. Friday Quiz: There will be a short quiz at the end of class each Friday (see tentative course schedule below) based on the homework assignments and class discussions for the week. Weeks for which a midterm has been scheduled will not have a quiz. If you have done all of the homework, attended class and paid attention, you will be very well prepared. No make-ups for quizzes. You will have 7 quizzes. The best 6 scores out of 7 will be considered.

3. Exams: There will be two midterm exams. I do not give make-up exams. If you miss an exam, you will be permitted to replace the zero you received on one midterm exam by your final exam grade on a percentage equivalent basis.

4. Final Exam: This is scheduled for Wednesday December 13. The exam will cover material discussed in class and the textbook. The final exam must be taken to receive a grade for the course. The final will be a comprehensive exam. It will be closed-book, closed-note. Scientific calculators only.

5. Attendance and Academic Etiquette: Attendance is mandatory for this class. You will be given 20 points for attendance and academic etiquette for this course. These 20 points make up 5% of your overall grade. Students will lose one point for each unexcused absence and half of a point for a tardy (late by 5 or more minutes after class begins) or for leaving 5 or more minutes before class is excused. If you are have a valid excuse for why you are unable to attend class on a particular day, then you need to email me stating the reason for why you are absent, and based upon your email, I will decide if your absence is considered to be excused or not. Cell phones, computers, and any other devices are not allowed during class. If you are using one of these devices during class, then you will lose one point for each time that I see you using one of these devices. Disruptive behavior will not be tolerated. If you are being disruptive and talking to another student during class, then you will lose a point for each incident.

Point Distribution

i. Midterms: 100 Points (2 x 50 points each)

ii. Quizzes 120 Points (6 x 20 points each)

iii. Homework 60 Points

iv. Final 200 Points

v. Attendance and academic etiquette 20 points

Warm-Ups: A warm-up problem will be given almost everyday. I will post one problem on the board and have you work on it when you enter class. I will walk around the class to observe how everyone is tackling the problem and to provide help.

Academic Integrity: Cheating will not be tolerated and will result in a grade of 0 for the assignment, quiz or exam and referral to the dean for academic discipline. Cheating includes, but is not limited to: copying from other students, permitting other students to copy from you,

plagiarism, submitting work that isn't your own, using notes that don't meet permitted specifications, continuing to write/erase on an exam/quiz after permitted time has ended, changing your exam/quiz paper after it's been graded and then requesting a grading correction.

Student Conduct: A student who is disruptive will be asked to leave the class. A student who refuses to leave the room will be dropped from the class and will be reported for further action. Cell phones must be silenced and put away.

Tutoring. The Math and Science Tutorial Center in Room S43 offers free tutoring on Monday –Thursday from 9:00 am – 5:30 pm and Friday 9:00 am – 12:00 noon. More information can be found here: http://www.deanza.edu/studentsuccess/mstrc/

Disability Statement: De Anza College makes reasonable accommodations for people with documented disabilities. Please notify Disability Support Services (DSS) if you have any physical, psychological or other disabilities, vision, hearing impairments or ADD/ADHD. DSS is located in the student community services building, room 141. Phone number: 408-864-8753.

Grade Boundary:

A: 93 – 100%	A-: 90 – 92%	
B+: 87 – 89%	B: 83 – 86%	B-: 80 – 82%
C+: 76 – 79%	C: 70 – 75%	
D+: 67 – 69%	D: 63 – 66%	D-: 60 – 62%
F < 60%		

Tentative Fall 2017 Class Schedule Math 042 Precalculus Trigonometric Functions

	Monday	Tuesday	Wednesday	Thursday	Friday
Week 1 September	25 4.1	26 4.1	27 4.2	28 4.2	29 Quiz 1
Week 2 October	2	3 4.3	4 4.4	5 4.4	6 Quiz 2
Week 3 October	9 4.5	10 4.5	11 4.6	12 4.6	13 Quiz 3
Week 4 October	16 4.7	17 4.8	18 4.8	19 Review	20 Midterm 1
Week 5 October	23 5.1	24 5.1	25 5.2	26 5.2	27 Quiz 4
Week 6 October/November	30 5.3	31 5.3	1 5.4	2 5.4	3 Quiz 5
Week 7 November	6 5.5	7 5.5	8 Review	9 Midterm 2	10 Veterans Day
Week 8 November	13 6.1	14 6.1	15 6.2	16 6.2	17 Quiz 6

Week 9 November	20 6.3	21 6.3	22 6.4	23 Thanksgiving Holiday Recess	24
Week 10 November/December	27 6.4	28 6.5	29 6.5	30 Quiz 7	1 10.7
Week 11 March	4 10.7	5 10.8	6 10.8	7 10.8	8 Final Review
Week 12 March	11 Final Exam Week	12	13	14	15

Important Dates

(1) Sunday Oct. 8: Last day to drop (2) Friday October 20: Last day to request pass/no pass
(3) Fri Nov 17: Last day to drop with a W (withdraw) (4) Wed Dec. 13, Final Exam