DE ANZA COLLEGE **Spring 2014**

MATHEMATICS 42
Precalculus II: Trigonometric Functions

Instructor: Gul Yayli
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office: E37
office hours: Fridays: 11:30-12:30 , room S43, or by appointments

Pre-requisite: Mathematics 41 or equivalent (with a grade C or better); or a satisfactory score on the College Level Math Placement Test within the last calendar year.

Text: Precalculus with Limits by Ron Larson, 2nd edition, 2011, Brooks/Cole, Cengage Learning

Calculators: Graphing Calculator – TI83+, TI84+ or TI86 recommended. TI89, TI92 or other calculators that do algebraic manipulation are not allowed.

Grading:			
		A	90 – 100%
		B	80 - 89%
1 Final Exam	30%	C	70 – 79%
4 Examinations	60%	D	60 – 69%
Quizzes	6%	F	0 – 59%
Pop Quizzes	4%		

Course Description: The theory of trigonometric functions and their applications.
Student Learning Outcomes: Formulate, construct, and evaluate trigonometric models to analyze periodic phenomena, identities, and geometric applications.

Homework:
Homework is the selected exercises from the text book, and It is going to be your responsibility to make sure that you understand and can do all homework problems assigned, homework will not be collected unless your quiz average is under 70% at any time during the quarter. All your questions regarding the homework will be answered during our outside the class (office hours, or by appointment)**.** Students are expected to do the assigned work as scheduled and to bring the completed homework to class**.** All the quizzes are going to based on the homework so completing the homework in a punctual manner is very important.

Quizzes:
There will be 6 scheduled quizzes and several pop quizzes during the quarter. Pop quizzes will be given at the beginning of the period randomly throughout the quarter. There will be no makeup quizzes. Missing a quiz will result in a score of zero. The lowest 20% of your quiz scores will not be counted toward your grade.

Exams: There will be four exams during the semester. Missing an exam will result in a score of zero. **No make ups will be given for any reason**. If you know that you will be absent, see me about taking the exam earlier than scheduled.

Final Exam: There will be a mandatory comprehensive two-hour final which must be taken during the scheduled exam time on Friday, June 27th, 9:15-11:15 am in room L28. . The final will cover all the material discussed during the semester. Missing the final will result in a grade of F for the course.

Cellphones: Cell phones should not be used in class for calls or texting, except in case of an emergency.

Attendance: Regular attendance at classes is not only expected but is considered essential for successful academic work. Any student who has accumulated the equivalent of **five absences** may be dropped from the class. However, it is the student's responsibility to drop the class by the appropriate due date.
The student must assume full responsibility for work missed because of absence, including any additional work assigned to compensate for the absence. If you must miss a class, it is your responsibility to get notes from another student.
Attendance will be taken at the beginning and end of each class meeting, and anyone who arrives to class more than 15 minutes after the class has started, or leaves class more than 5 minutes before class has ended will be marked absent. If you miss any class, you are expected to email me.

Spring 2014 Math 42: Tentative course Schedule

	Monday	Tuesday	Wednesday	Thursday	Friday
Apr	Introduction **7**	4.1 **8**	4.1 **9**	4.2 **10**	**Quiz#1** **11**
Apr	4.3 **14**	4.4 **15**	4.4 **16**	Problem Solving **17**	4.5 **Quiz#2** **18**
Apr	4.5 **21**	4.6 **22**	4.7 **23**	4.7&Problem Solving **24**	4.8 **Quiz#3** **25**
Apr May	4.8 & Review for Exam #1 **28**	**Exam#1** (4.1-4.8) **29**	5.1 **30**	5.1 **1**	5.2& **Quiz#4** **2**
May	5.2 **5**	5.3 **6**	5.3 **7**	Problem Solving **8**	5.4& **Quiz#5** **9**
May	5.4 **12**	5.5 **13**	5.5 **14**	Review for Exam#2 **15**	**Exam#2** (5.1-5.5) **16**
May	6.1 **19**	6.1 **20**	6.2 **21**	6.2 & Problem Solving **22**	**Quiz#6** **23**
May	Memorial Day No class **26**	6.2 **27**	Problem Solving **28**	Review for Exam#3 **29**	**Exam#3** (6.1-6.2) **30**
Jun	10.7 **2**	10.7 **3**	2.4 **4**	2,4 **5**	6.5& **Quiz#7** **6**
Jun	6.5 **9**	6.5 **10**	6.5 **11**	Problem Solving **12**	Review& **Quiz#8** **13**
Jun	Review for Exam#4 **16**	Review **17**	**Exam#4** (10.7, 2.4, 6.5) **18**	Review for Final **19**	Review for Final **20**
Jun	Review for Final **23**	Finals No class **24**	**25**	Finals No class **26**	**Final Exam 9:15-11:15** **27**