De Anza College – Winter '15

Math 42.09 & 242.09 – Trigonometry

Instructor: Danny Tran   Email: trandanny@deanza.edu

Office Hours: Tu 1:30pm – 2:50pm (E32A); W 3:55pm-5:15pm (S43); Th 1:30pm – 2:50pm (S43)

Prerequisite: Math 41 or equivalent (with a grade of C or better); or a satisfactory score on the
                               College Level Math Placement Test w/in last calendar year.

Class: Mon, Wed 11:30am – 12:20pm (S46); 12:30pm – 1:20pm (S44)
                               Tue, Thur 11:30am – 1:20pm (S46)

Student Learning Outcome: (what you should be able to demonstrate by the end of the course):

Students should be able to formulate, construct, & evaluate trigonometric models to analyze periodic phenomena,
identities, & geometric applications.

Textbook: 1. PreCalculus with Limits by Larson; 2nd edition.

                               2.   Student Access Code to 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 2153 2462**
                               4 – Fill out your personal information

                               If you elect not to pay for the online HW, you must submit hand-written HW to me on
                               the due date, and I will randomly select 5 problems from each HW assignment to grade.
                               I highly recommend that you complete the HW online through WebAssign, though! =)

Required Calculator: You will need a TI graphing calculator (TI 83 Plus, 84, or 84 Plus). You will be using this
                               calculator to assist you on your homework, quizzes, & exams. You may not use a
                               calculator that does symbolic logic on quizzes or exams (TI-89). If you do not have a TI
                               83 Plus, 84, or 84 Plus, your calculator must be approved by me.

Attendance: Mathematics is a very demanding subject. As a result, regular attendance is extremely
                               important. However, I realize that, on rare occasions, unforeseen circumstances may
                               arise that will prevent you from attending class or will force you to be late to class.
                               Attendance will be taken each and every day. ***Also, you MUST be in attendance
                               during the entire first week of classes to ensure that you are not dropped from
                               the course.***

Grading:	Group Quizzes (6 - Drop Lowest)	15%
	Homework (17 - Drop Lowest Section)	12%
	Individual Quizzes (10 – Drop lowest)	9%
	Exams (3)	39%
	Final Exam	25%

Checking Your Grade:

Using Google Drive, you will have access to your current grade. Simply email me at trandanny@deanza.edu with your gmail address & a code name you would like to be identified as on the document. (The code name can be anything that does not reveal your true identity – it can be anything from your favorite type of pasta to your favorite European football team). I will then invite you to the document where you can see your grade on each of the class' assessments as well as what you need to earn during the remainder of the course in order to earn an A, B, or C in the course.

Class Conduct:

Cheating is absolutely forbidden in my class. Looking at someone else's exam, helping another student during an exam, talking to anyone else except me during an exam, copying another student's work, or using an external source of information for which you were not explicitly given permission will result in disciplinary action. This disciplinary action might include anything from receiving 0 points on the exam to an F in the class. Cheating incidents will be reported to the Dean of Student Affairs.
Also, I expect you to be respectful of your fellow students and of me. To that end, come to class on time, do not leave early unless you have that approved by me in advance, do not talk during class unless otherwise given permission, do not be disruptive, and pay attention during class.

Cell Phones:

I realize that many of you feel the need to stay connected at all times. If you feel that you cannot turn off your cell phone during class, at the very least place your phone on vibrate and/or silent mode. If you receive a call, quietly step outside the classroom before answering the phone. Also, please do not text, at all, during class. Otherwise, you will be asked to leave.

Group Quizzes:

There will be 6 group quizzes (15% total) throughout the quarter. They will last approximately 75 min. You are allowed to work with up to 2 other people during the group quiz. You must submit your own quiz. You are only allowed to use a pencil / pen & graphing calculator. You may not make up a quiz after it has been administered, but you may take a quiz early if allowed by Danny. You may drop your lowest quiz; however, you are not allowed to drop a quiz in which you cheat.

Individual Quizzes:

Individual quizzes (9% total) will be given at the beginning of class each Tuesday (except during the 1st week). They are closed notes & closed book. You are allowed a graphing calculator. They will last between 5 & 10 minutes. Quizzes will cover 1 problem from HW based on the section covered the day(s) before (review your lecture notes every day!). You are allowed to drop your lowest individual quiz score; however, you are not allowed to drop a quiz in which you cheat. You are not allowed to take an individual quiz early or after it has been administered.

Exams:

There will be 3 midterm examinations (13% each). They will last the entire period, 1 hr 50 min. You are only allowed to use a pencil / pen, eraser, graphing calculator, & note card (that I will distribute) For the final exam, you will be allowed to use a pencil / pen, eraser, graphing calculator, and a note card (that I will distribute). You may not make up an exam after it has been administered, but you may take an exam early if allowed by the instructor.

Final Exam Date: Tuesday, March 24th 11:30AM – 1:30PM
                              (You MUST be able to take the final on this day & at this time. NO exceptions)

Get to Know your classmates:
Obtain the following information from at least 3 of your classmates:

Classmate 1:   Classmate 2:

Name: Name:

Email: Email:

Telephone #:   Telephone #:

Classmate 3:

Name:

Email:

Telephone #:

My Expectations: Math 42 is an incredibly challenging course, so make sure you put yourself in the best situation
                       to succeed by having terrific study habits. Below is a list of tasks you can do in order to best
                       succeed in this course:
   ✓ Attend every class
       o Take notes & ask questions
       o Work with students during the worksheet portion of class
   ✓ Preview each lesson by skimming the lesson for 10-15 min before class meets
   ✓ Review your notes after class, making sure you have understood the material
   ✓ Attend office hours
       o Compile a list of questions and/or problems to ask for help
   ✓ Form study groups to do homework, study for quizzes, exams, & the final

Also, to best prepare yourself, organizationally, for the course, I strongly recommend that you purchase and bring to
class each day:

1 – A 3-ring binder
2 – 4 dividers (title them: lecture notes, handouts, quizzes & exams, miscellaneous)
3 – A notebook or loose-leaf paper to take notes in.

Math 42 Course Schedule Winter 2015 (Tentative Schedule)

1.5 Intro, Syllabus	1.6 4.1	1.7 4.1	1.8 4.2
1.12 4.2	1.13 Q#1, 4.3	1.14 4.4	1.15 Group Quiz #1
1.19 MLK Jr. Day (No class)	1.20 Q#2, 4.4	1.21 4.5	1.22 Group Quiz #2
1.26 4.5	1.27 Q#3, 4.6	1.28 MT #1 Review	1.29 MT #1
2.2 4.7	2.3 Q#4, 4.8	2.4 4.8	2.5 Group Quiz #3
2.9 5.1	2.10 Q#5, 5.2	2.11 5.2	2.12 Group Quiz #4
2.16 Presidents' Day (No class)	2.17 Q#6, 5.3	2.18 MT #2 Review	2.19 MT #2
2.23 5.4	2.24 Q#7, 5.4	2.25 5.5	2.26 Group Quiz #5
3.2 6.1	3.3 Q#8, 6.1	3.4 6.2	3.5 Group Quiz #6
3.9 6.2	3.10 Q#9, 10.7	3.11 MT #3 Review	3.12 MT #3
3.16 6.5	3.17 Q#10, 6.5	3.18 Final Review	3.19 Final Review
3.23 Final Review	3.24 Final (1130AM-130PM)		

Notes:
- Dates for the final exam are set by college policy & cannot be changed. If you cannot take the final on the date given, do not enroll in the course. [Make sure you book flights home for break after finals week.]
- This is a rough day-by-day schedule, so we may be ahead or behind by a class or two at given points in the quarter.

Grades: Here is what you need in order to obtain the grade you want:

A+	$98\% \leq x$		B+	$88\% \leq x < 90\%$
A	$92\% \leq x < 98\%$		B	$82\% \leq x < 88\%$
A-	$90\% \leq x < 92\%$		B-	$80\% \leq x < 82\%$
C+	$78\% \leq x < 80\%$		D	$60\% \leq x < 70\%$
C	$70\% \leq x < 78\%$		F	$x < 60\%$