DeAnza College

Winter 2018 MATH 42 –61 MW 6:30 – 8:45 G5

Instructor:	Lin Zhang **Email**: zhanglinlin@fhda.edu **Canvas:** https://deanza.instructure.com/
Text:	Pre-Calculus with Limits by Larson 3rd Edition
Equipment:	**Graphing Calculator (**TI 83plus , …)
Office Hours:	**E37** MW 3:00 – 4:00PM or through email

1. Prerequisite:

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

2. Course Objective:

- Analyze **trigonometric** functions and their inverses
- Apply **trigonometric identities** to simplify and evaluate trigonometric expression.
- Using **trigonometric function** to solve oblique and right triangles
- Solve arc length and sector area problems
- Define the **polar** coordinate and polar graphs
- Examine **complex** numbers in the complex plane
- Perform operations with 2D **vectors**

3. 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. Put your cell phones on **silent** before the class starts. If you need to take a call or send a text message, you may step quietly outside.

4. Academic Integrity:

Copying another student's solutions, or using unauthorized materials (notes or cellphones) during tests are considered cheating. Violation of this policy will result in the student receiving ZERO credit for the entire assignment or test.

5. Drop Policy:

Attendance is integral to your success in this course. I expect you to attend all class meetings. **It is always YOUR RESPONSIBILITY to drop** the class if you feel like you can't continue for any reason.

6. Support Services

Students with disabilities needing reasonable accommodations should inform me in the beginning of the quarter. To begin the reasonable accommodations process, I will need to fill out a request form from the Disabilities Support Services (DSS). For more information, please visit the DSS office at SCSB 141, call (408) 864-8753 /(408) 864-8748 TTY, or go to www.deanza.edu/dss.

7. Canvas: https://deanza.instructure.com/

Canvas is our class website. All related information about the class will be posted up there. Most importantly, your grades will be available on Canvas.

You can login with your **campuswide ID** and password of **mmddyy** (your birthday).

8. Grade:

All grades will be posted on Canvas as soon as they become available. It is your responsibilities to check Canvas at least once a week to monitor your grades for the class.

Class participation	20 Points	**A:** 90-100%
8 Quizzes (drop 1)	70 Points	**B:** 80-89%
3 Exams	300 Points	**C:** 70-79%
Final Exam	150 Points	**D**: 60–69%
Total	540 Points	**F:** 0-59%

In Class Participation

You can only participate when you are present. Each student are allowed 2 absents (excused and unexcused). Any additional absent will be resulting in 2 points taken away from the 20 points total. In Class Practice will be given almost at the end of every lesson so students get a chance to practice the material learn. Please use that as a chance of learning and working with other students.

Exams:

Three 100-point exams will be given with no make-ups. If you have to miss an exam under extreme circumstances, please notify the teacher at least a day in advance. You can't drop any tests. If you miss an exam it will receive zero as the score.

Final Exam:

A two-hour comprehensive final exam will be given. A student who misses the final exam and does not contact the instructor will receive an F in the course.

Quizzes/Homework:

Homework assignments will assigned each lesson. Even they do not count directly towards your grade in the class, they does help prepare you for the quizzes.

- A **quiz** will be given at the **beginning** of each Monday based on the homeworks from previous week.
- You can **reference** the corresponding **homework** sets during a quiz. Otherwise, it's close notes.
- Quizzes are scaled to **10 points** each and can be made up on the following Wednesday during my office hour with completion of the corresponding homework set on, but with 2-point **penalty**.

9. Tutoring

The Math, Science, and Technology Resource Center **(S43)** provides free individual and small group drop-in services. For more information, go to www.deanza.edu/studentsuccess/mstrc.

10. Class Calendar

Week	Month	Monday	Wednesday	Notes

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1	**January**	8 4.1/4.3	10 **Q1** 4.2/4.4	
2	**January**	15 Holiday	17 4.5	**Saturday, Jan. 20th** last day to add. **Sunday, Jan. 21st** last day to drop with no record.
3	**January**	22 **Q2** 4.5/4.6	24 Review/4.7	
4	**January**	29 **Q3** 4.7/4.8	31 **Test 1** (4.1 - 4.6)	**Friday, Feb. 2nd** last day to request P/NP.
5	**February**	5 **Q4** 5.1/5.2	7 5.3	
6	**February**	12 **Q5** 5.4	14 5.5	
7	**February**	19 Holiday	21 **Q6** Review/6.1	
8	**February**	26 **Test 2** (4.7 - 5.5)	28 6.2	**Friday, Mar. 2nd:** last day to drop with a "W".
9	**March**	5 **Q7** 6.3	7 6.4	
10	**March**	12 **Q8** 6.5	14 Review/10.7	
11	**March**	19 **Test 3** (6.1 – 6.5)	21 10.8/**Final Review**	
12	**March**	26 +	28 **Final Exam** **6:15 – 8:15 PM**	

Student Learning Outcome(s):

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