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| Instructor: | Lin Zhang Email: zhanglinlin@fhda.edu Website: https://deanza.instructure.com/ |
| Text: | Pre-Calculus with Limits by Larson 3 rd 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 Outcomes:

- Formulate, construct, and evaluate trigonometric models to analyze periodic phenomena, identities, and geometric applications.
- Demonstrate an appreciation and awareness of applications in their daily lives.

4. 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.

5. 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.

6. 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.

7. 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.

8. 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).

9. Grade:

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

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|---------------------|-------------------|-------------------|
| Class participation | 20 Points | A: 90-100% |
| 7 Quizzes (drop 1) | 90 Points | B: 80-89% |
| 3 Exams | 300 Points | C: 70-79% |
| <u>Final Exam</u> | <u>150 Points</u> | D: 60–69% |
| Total | 560 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 **15 points** each and can be made up only during my Wednesday's office hour with completion of the corresponding homework set on, but with 2 points **penalty**.

10. 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.

11. Class Calendar

| Week | Month | Monday | Wednesday | Notes |
|------|-----------|------------------------------------|--|---|
| 1 | September | 25 4.1 | 27 4.2 | |
| 2 | October | 2 4.3 Q1 | 4 4.4./4.5 | Saturday, Oct. 7th last day to add. Sunday, Oct. 8th last day to drop with no record. |
| 3 | October | 9 4.5 Q2 | 11 4.6/review | |
| 4 | October | 16 4.7/4.8 | 18 Test 1 (4.1 - 4.6) | Friday, Oct. 20th last day to request P/NP. |
| 5 | October | 23 4.8 Q3 | 25 5.1/5.2 | 5.1/5.2 |
| 6 | October | 30 5.3 Q4 | 1 5.3/5.4 | |
| 7 | November | 6 5.5/review Q5 | 8 6.1 | |
| 8 | November | 13 Test 2 (4.7 - 5.5) | 15 6.2 | Friday, Nov. 17th: last day to drop with a “W”. |
| 9 | November | 20 6.3 Q6 | 22 6.4 | 11/23 – 11/26 Thanksgiving |
| 10 | November | 27 6.5 Q7 | 29 Review/10.7 | |
| 11 | December | 4 Test 3 (6.1 – 6.5) | 6 10.8/ Final Review | |
| 12 | December | 11 + | 13 Final Exam 6:15 – 8:15 PM | |