**DE ANZA COLLEGE**
**MATH** 43.23
**ROOM** *zoom (TTH) 1:30-3:45 p*
**Spring 2020**

**INSTRUCTOR:** *E. NJINIMBAM*
**OFFICE HOURS:** *(M-F) 11:30-12:20p*
*Zoom meeting ID:* ***Meeting ID: 335-940-3755***
**OFFICE:** *S46A* ; **PHONE:** *(408)864-8545*

**PREREQUISITE:** Math 42,or equivalent.

**TEXTBOOK:** Precalculus with limits, 3rd ed.,Larson.

**MATERIALS:** Graphing calculator (*TI -86 or-84 recommended*)

**WebAssign** **Class Key:** **deanza 9449 8604**

**GOAL:** To understand and be able to solve problems dealing with : systems of equations and inequalities; sequences and series; the elements of plane and analytic geometry: lines and circles; conics; polar and parametric equations; vectors; mathematical induction, and the binomial theorem.

**ATTENDANCE:** Classes would be held on zoom. *Dropping or withdrawal from the class is the students' responsibility.* A student who discontinues coming to class and does not drop will get an **F** grad

*It is the students' responsibility to contact/inform the instructor in the event of unforeseen circumstances.*

**CHEATING:** Cheating is forbidden. There shall be no talking to, or unauthorized helping of other students, or copying from or looking at another student's paper during tests. A class/course grade of F will be given for any of the above infractions.

**HOMEWORK:** Homework will be done using WebAssign.

**QUIZZES:** Quizzes will be done using WebAssign. **NO MAKE UPS .**

**TESTS:** Tests (3) will be given during the quarter, using WebAssign. **NO MAKE UPS .**

**FINAL EXAM:** A two-hour comprehensive final exam will be given on WebAssign TUESDAY, JUNE 23(*1:45–3:45p*). **THIS IS A MUST EXAM.**
A grade of **F** will be assigned to those who miss the final exam.

**GRADE:**

| | | |
|---|---|---|
| Home work | 200pts. | A: 90% - 100% (900+pts.) |
| Quizzes | 3000pts. | B : 80% - 89% (800-8999pts) |
| Tests (3) @ 100pts.---------- | 300pts. | C : 60% - 79% (600-799pts.) |
| Final Exam---------- | 200pts. | D : 50% - 59% (500-5999pts.) |
| **TOTAL** | **1000pts.** | F : 0% - 49% (0-449pts.) |

**IMPORTANT DATES:** See Reverse Side.

| | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY | SUNDAY | Wk |
|---|---|---|---|---|---|---|---|---|
| | 13 INSTRUCTION BEGINS | 14 Chap 7 (7.1,7.3,7.5) [7.4] | 15 | 16 Chap 7 | 17 | 18 | 19 | 1 |
| APR | 20 | 21 Chap 7 | 22 | 23 Chap 7 | 24 | 25 (Last day to add or drop) | 26 (Last day to drop with no grade or record) | 2 |
| APR / May | 27 | 28 Chap 7 | 29 | 30 Chap 8/ Test 1 | 1 | 2 | 3 | 3 |
| MAY | 4 | 5 Chap 8 (8.1-8.5) | 6 | 7 Chap 8 | 8 Last day to request Pass/No Pass | 9 | 10 | 4 |
| MAY | 11 | 12 Chap 9 (9.1-9.5) | 13 | 14 Chap 9 | 15 | 16 | 17 | 5 |
| MAY | 18 | 19 Chap 9 | 20 | 21 Chap 9 | 22 | 23 | 24 | 6 |
| MAY | 25 MEMORIAL DAY HOLIDAY | 26 Chap 10 (10.2-10.9) [10.5] | 27 | 28 Chap 10/ Test 2 | 29 | 30 | 31 | 7 |
| JUN | 1 | 2 Chap 10 | 3 | 4 Chap 10 | 5 Last day to drop with a "W" | 6 | 7 | 8 |
| JUN | 8 | 9 Chap 10 | 10 | 11 Chap 11 (11.1-11.4) | 12 | 13 | 14 | 9 |
| JUN | 15 | 16 Chap 11 | 17 | 18 Chap 11 | 19 | 20 | 21 | 10 |
| JUN | 15 | 16 Chap 11/ Test 3 | 17 | 18 Chap 11 | 19 | 20 | 21 | 11 |
| JUN / | 22 No Class | 23 1:45-3:45 p FINALS | 24 No Class | 25 No Class | 26 No Class | Commencement Ceremony | 28 | 12 |
| Jun | 29 Summer Qtr Starts | 30 | 1 | 2 | 3 | 4 | 5 | 1 |
| July | 6 | 7 | 8 | Last day to 9 request pass/no pass | 10 | 11 | 12 | 2 |
| July | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 3 |
| | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 4 |
| Aug | 27 | 28 | 29 | 30 | 31 | 1 | 2 | 5 |
| Aug | 3 | 4 | 5 | 6 FINALS | 7 | 8 | 9 | 6 |
| | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY | SUNDAY | |

**Student Learning Outcome(s):**

*Analyze, investigate, and evaluate linear systems, vectors, and matrices related to two or three dimensional geometric objects.
*Graph and analyze regions/curves represented by inequalities or trigonometric, polar, and parametric equations, including conic sections.
*Analyze, develop, and evaluate formulas for sequences and series; Justify those formulas by mathematical induction.