# De Anza Community College

Instructor: F. Mosh (E-mail: moshfarshod@fhda.edu)

Office Hours: 1:00Pm-1:30Pm and 6:00Pm to 6:30Pm M, T, W, Th

***Requirements:***

- Text: Any decent calculus text and all my hand outs
- Binder to keep Exams, Quizzes, H.W, and class notes.
- Calculator No Calculator on the exams
- **NOTE**: All work is to be done in **PENCIL** (test and exams with pen, Will not be graded and it counts as zero)

**Student Learning Outcome Statements (SLO)**

- Graphically, analytically, numerically and verbally analyze infinite sequences and series from the perspective of convergence, using correct notation and mathematical precision.
- Apply infinite sequences and series in approximating functions.
- Synthesize and apply vectors, polar coordinate system and parametric representations in solving problems in analytic geometry, including motion in space.

Attendance: Attendance is mandatory. Student will lose **ONE** point for each tardy (being in class after the class is started. I go by school computer time and I don't care about time on your watch) and **TWO** points per hour for each absent (being in class after 15 min of start of the class or leaving early).

Each student *can earn up to 6 points*. 1 point for signed green sheet (*on the first day*) and 1 point for calculated and signed record sheet (*on the last day*) plus 3 points form diagnostic test on the first day and 1 point for IDs (*on the first day*). You can use these points *against your tardy and absents* in case of emergencies, sickness, religious holidays, or anything else that I did not mentioned here.

Any student who does not show up to the class on first or second week of classes will be dropped from roster.

## How to success in this course:

1- Read the sections assigned and do the class assignments.
2- Attend the class (2%) and participate in class (2%)
3- Finish all the class work in class and do your homework (2%).
4- Take all four group quizzes (20%) there is no make-up.
5- Take all the comprehensive exams (40% for two exams) there is no make-up.
6- Do work with partners in a group for class presentation. (10%)
7- Do well on the comprehensive Final (20% Final)
8- Make sure to follow the class rules and directions correctly (4%)

# Student Conduct and Class etiquette:

1-Any student who is disruptive will be asked to leave the class quietly.
Some class distractions are including:

a) Talking during lecture
b) Having strong odor such as cigarette or sweat odor.
c) Making unnecessary noise with pen or paper.

2- Cellular phones, iPods, iPhones, Game boys, head set, and any other gadgets similar to these, are banned. Make sure they are off and out of my sight.
Communication devices off during class (discuss emergency accommodations with instructor)

3- Absolutely no food or drinks in class. (Water bottle with cap is okay)
Leave the food or drinks outside of the class or put them in your backpack.

4- Proper seating and etiquette

a) Seating up right
b) Face toward the board
c) Do not use the other desk as leg or arm rest
d) No hat, beanie, or sunglasses in classroom
e) After making the seating chart for the class, you are responsible for your proper arrangement and cleanness of the seat and its surrounding.
f) Your desk must be clear of Bags, backpack, phone, hat and all necessary items.

The student will lose two points for any of the above incidents.

5- Any communication during exams/quizzes or any indication of cheating results in failing the course. So, you are responsible for your exam paper.

6- Read the section and list your questions before the section is presented in class. Make sure to ask all your questions before the class is moved on to a new topic.

7- If there are any personal issues that might interfere with your performance in this class, please contact kueksiew@fhda.edu (408) 864-8868 to help you. I treat all students equal.

NAME----------Signature----------

| Week | Day | Topics in Calculus 1C |
|---|---|---|
| 1 | 1 | Syllabi, Diagnostic test, and Arc length, surface area |
| | 2 | Cycloid, polar and parametric functions |
| 2 | 3 | General functions and Homework 10 |
| | 4 | Line and Plane |
| 3 | 5 | Geometry, acceleration, and origami |
| | 6 | Kepler's law |
| 4 | 7 | Homework 10 and 11 |
| | 8 | Unit vectors as vector function and three Planes to any curve |
| 5 | 9 | Curvature and Acceleration |
| | 10 | Homework 11, and 12 |
| 6 | 11 | Homework 11, and 12 |
| | 12 | Exam 1 20 points |
| 7 | 13 | Convergent or Divergent tests on Series |
| | 14 | Radius of convergent and Taylor Series |
| 8 | 15 | Techniques of expansions |
| | 16 | Homework 13 |
| 9 | 17 | Partial differentiations |
| | 18 | Applications |
| 10 | 19 | Homework 10, 11, 12, and 13 |
| | 20 | Exam 2 20 points |
| 11 | 21 | Presentation (Maximum of 10 points per each member of each group) |
| | 22 | Presentation (Maximum of 10 points per each member of each group) |
| 12 | 23 | Final 20 points (Wednesday at 4:00pm) |

# Record sheet

Name _____

Last 4 digit of ID _____ Course _____

Quiz 1 /5 Quiz 2 /5 Quiz 3 /5 Quiz 4 /5 Total /20

Exam one /20 Exam two /20 Total /40

Participation /10 Presentation /10 Total /20

Final /20 Total /20

Grading: 90 -100 A 80 - 89 B 70 - 79 C 60 - 69 D

Name _____Signiture_____Date_____