Math Finite Math <u>Syllabus</u> Name_____Period____

To Parents and Students,

   Welcome to the Finite Math.

This class is designed to help students for Math Integrated 3. Students in Finite Mathematics will NOT get credit for a University. The topics that will be covered in Finite Mathematics are:

<u>Semester 1:</u>

1. Sequences and Series
2. The Cartesian Coordinate System
3. Linear Functions and Mathematical Models
4. System of Linear Equations
5. The Method of Least Squares
6. Graphing and solving Systems of Linear Inequalities in two Variables

<u>Semester 2:</u>

1. Exponents
2. Roots
3. Adding, Subtracting and Multiplying polynomials
4. Factoring
5. Quadratics (Math 2): Graphing, Knowing the different forms of quadratics, Domain and range, Intercepts, Maximum, Minimum, Roots (include complex numbers), Solving quadratics
6. Polynomials: end behavior, relative min and max, roots (zeros), domain and range (using interval notation), How many possible roots, what is the possible degree of the polynomial
7. Trig Functions: Unit circle b . Graph sin cos and tan c, Amplitude and period, Sin, Cos, and Tan degree only , Show how to convert to radian only f . 30- 60- 90 and 45- 45- 90, Trig identities, trig rations sohcahtoa
8. Logarithms

The materials required for this course are:

1. Pens and Pencils   2. Paper and Graph Paper
3. Hi-liters (different colors)   4. Ruler
5. TI-30XIIS™ scientific calculator

Weighted Grading Scale

1. Homework/Classwork	35%	90% - 100%	= A
2. Warm-ups, and Participation (effort)	10%	80% - 89%	= B
3. Quizzes, Tests, Final (Notes)	40%	70% - 79%	= C
4. Labs	15%	60 % - 69%	= D
		59% and below	= F

Students <u>can</u> make-up late or missing assignments, however it is their responsibility to come in before school, lunch time, or after school to get the assignments. They have 1 week to make-up the missing assignments.

Students <u>CANNOT</u> retake or <u>make-up</u> quizzes or test unless they were absent or it is stated on their IEP or 504.

<u>Progress Report</u>: Assignments are available to be viewed on https://parentconnect.cnusd.k12.ca.us/

Ways to Succeed in Math:
1. Ask questions and be active in class.
2. Use the tutoring services. (on Saturdays, check with the front office)
3. Form a study group with fellow students. Exchange phone numbers so that you can get class notes and other information should you happen to miss class.
4. Do the Classwork/homework on a daily basis.
5. Leave any bad past experiences at the door.

Math is a building of concepts, therefore attendance is crucial in order to complete this course successfully. If you have any questions or concerns, PLEASE <u>CALL ME</u> at (951) 736-3241 Ext. 25012

I wish you luck in all your classes, Mr. Tran

<u>Very Important!</u> Please be aware that the credits for Finite Mathematics will <u>NOT</u> be counted for a University such as a Cal State or a UC. Students in Finite Math are to attend a Community College after High School.

Student Name_____

Student Signature _____

Parent Signature _____   **Date**_____