De Anza College

Spring: 2021   **INSTRUCTOR**: Mr. Chris Tsuji
COURSE: Math 210. –45Z (41939)
       College Math Preparation Level 1: Pre-Algebra   5 Units.
Zoom Lecture: Monday, Wednesday starting at 6:30 pm
Zoom Office: Monday Wednesday: 5:30 pm - 6:00 pm-   Please email or check canvas for the link.

Preferred method of contact: email**.**   **E-mail**: tsujichristie@fhda.edu
       Type: **DeAnza Math 210** in Subject line if you want a reply.
If you do not get a reply within 24 hours, please email again.

Website: http://www.deanza.edu/faculty/tsujichristie/   **Check** website for additional information about the class.

Objectives: Use of basic arithmetic in application problems, estimation, the real number system, variables and linear equations, graphs of linear equations and the Cartesian coordinate system, the concept of function

Important: This class will use Zoom and Canvas. Go to the DeAnza Web site and click on Canvas.
Information about this software: https://www.deanza.edu/online-ed/
Please try have a working knowledge of zoom and canvas, if possible, before class starts.

Zoom lectures will be Monday, Wednesday starting at 6:30 pm. Please email me or go to Canvas for the link. All lectures will be recorded and will be put on my webpage.

Text: **Prealgebra Textbook**, Second Edition, Department of Mathematics, College of the Redwoods, 2012-2013.
Book available at: https://www.redwoods.edu/Portals/121/PreAlgText/Prealgebra.pdf?ver=2016-02-09-153714-077

Students can use it **free**: online or download as pdf. Bookstore has books for student purchase (approx. $30)

Other places available: http://www.lulu.com/shop/college-of-the-redwoods-department-of-mathematics/prealgebra-textbook/paperback/product-20276520.html

Solution manual (0dd-numbered problems): http://www.lulu.com/shop/college-of-the-redwoods-department-of-mathematics/prealgebra-textbook-solutions-manual/paperback/product-20276549.html

Materials: Pencil, eraser, paper and graph paper**. No calculators are allowed**. Access to the internet.

Time commitment: It is expected a minimum of 8 hours a week should be spent on this class. Mastery of the material should determine by how much time you spend, not the clock.

Attendance: Will be taken at each zoom lecture. A penalty of 10% of your final grade percentage will be deducted for each zoom lecture missed after the third. If you miss more than 4 zoom lectures, you should consider dropping.
If you decide to discontinue with the course, it is your responsibility to drop. You must officially drop on or before Friday, June 4th. If you are on the final report form, then you will receive a grade.

Assignments: All the assignments are on the Internet: MyOpenMath, https://www.myopenmath.com/index.php. This is a free site. The name of the course is: **Math 210 Spring 21. The course ID: 106097. The enrollment key: BegAlg210**

Each assignment is worth 5 points. Two assignments will not count. Late assignment will have a penalty.

Assignments are to be attempted on a class-to-class basis. Time will be set at the beginning of each class to answer questions from the assignments.

The problems assigned are not intended for mastery of the topic. More problems should be done from the book to master the topic of the assignment. Also check my website, handouts, for extra problems.

Schedule your time so that you do math every day at a specific time. **Completing the assignments before each exam is the best.**

Quizzes: Quizzes will be based on the assignments. There will be quiz at the end of every zoom lecture. Each quiz will be 10 points. Two quizzes will not count.

Exams: There will be three exams, each worth 100 points.
Final Exam: A comprehensive 200-point **final exam** will be given.

All quizzes and exams will be located on Canvas.

Make-Up: There are **no** make-ups for missed exams or quizzes. Exams and quizzes missed will be scored 0.

Academic Integrity: You are responsible for your actions and behavior in this class. Behavior that is not appropriate, may be reported to the division dean and subsequent action may be taken.

Evaluation: Grades will be determined as follows

Exams	300 points	
Quizzes	160 points	A: 760 - 845 points (90%)
Assignments	185 points	B: 676 – 759 points (80%)
Final Exam	200 points	C: 591 - 675 points (70%)
		D: 507 - 590 points (60%)
Total	**845 points**	F: 0 – 506 points

NOTE:
- Contact the instructor if you have questions, problems.
- Review the power points slides and read the section before the presentation.

Special, Important Dates:
Saturday, April 17, last day to add.
Sunday, April last day to drop with no grade of record.
Saturday, May , last day to request P/NP
Friday, May 28, last day to drop with W.
Monday, May 31, Memorial Day, No class
Monday, June 21, no class
Wednesday, June 23. Final Examination.

Spring 21   Math 210-45Z (41939) MW 6:30 pm - 8:45 PM
This is a tentative lecture, assignment schedule.
The instructor has the right to modify if necessary.

Date	Section	Topic
5-Apr		Intro
	1.2	Add Sub Whole Numbers
	2.2	Add Integers
7-Apr	2.3	Subtract Integers
	1.3	Mult, Divide
12-Apr	2.4	Mult, Divide
14-Apr	1.4	Prime Factorization
	1.5	Order of Operations
	2.5	Order of Operations
19-Apr	1.6	Solve Equation
	1.7	
	2.6	
21-Apr	3.1	Mathematical Expressions
	3.2	Evaluate Algebraic Expressions
26-Apr	Exam Ch 1, 2	
28-Apr	3.3	Simplify Algebraic Expressions
	3.4	Like terms
3-May	3.5	Solve Equation
	4.1	Equivalent Fractions
	4.3	Divide Fraction
5-May	4.2	Multiply Fractions
	4.4	Add Sub Fraction
10-May	4.5, 4.6	Add, Sub, Mult, Div Mixed
	4.7	Order of Operations
12-May	5.1	Decimals
	5.2	Add, Sub Decimals
17-May	Exam Ch. 3, 4	
19-May	5.3	Multiply Decimals
	5.4	Divide Decimals
	5.5	Fractions, Decimals
24-May	5.6	Equations Decimals
	5.7	Square Roots
26-May	5.8	Pythagorean Theorem
	6.1	Ratios, Rate
2-Jun	6.2	Proportions
	7.1	Percent, Decimal, Fraction
7-Jun	7.2	Basic Percent Problems
9-Jun	Exam Ch. 5, 6	
14-Jun	7.4	Percent Increase, Decrease
		Functions
16-Jun	8.1	Cartesian Coordinate System
	8.2	Graph Linear Equations
23-Jun	Final Examination	

Student Learning Outcome(s):

*Demonstrate and apply a systematic and logical approach to solving arithmetic and geometric problems.
*Demonstrate and apply the knowledge and skills required to select the correct introductory formulas, procedures, and concepts from algebra and geometry and use them to solve problems.