MATH 210 **MPS SECTION 1** **WINTER 2017**

Instructor: **Dr Zack Judson**

Office Hours: MTThF 12:30-1:20 E-36B

Email: judsonzack@deanza.edu (Note: I will not answer Math questions over email)

Text: **Prealgebra Textbook by College of the Redwoods**
The textbook is recommended but not required for this course. It is recommended you read the sections covered in the schedule on the night before we cover the section in class. PDFs of the textbooks sections will be available online.

Student Learning Objectives:
1) Demonstrate and apply a systematic and logical approach to solving arithmetic and geometric problems.
2) 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.

Homework: Students will complete Homework assignments on MyOpenMath. Assignments will be assigned almost daily. Assignments will become available at the start of class each day and will be due at the start of the next class. No late work will be accepted.
Course ID: 18968 **Enrollment Key: judson**

Groupwork: Students will often work in groups. Sometimes this work may be at the board. This work will largely be graded based on effort. There will be no make-up group work allowed. If you are going to miss class for any reason you must inform me by email. Be sure that your email contains the date of the absence and your reason for missing class. Emails should be sent prior to the date missed. Due to some circumstances this may not be possible and the email must then be sent at the earliest opportunity.

Quizzes: We will end most classes with a quiz. The quiz will generally cover material from the day before. The intention of these quizzes is to help prepare you for the exams. To reduce the stress of these quizzes, they will be community quizzes. You will be allowed to work with any and all students in the class to complete the quiz correctly. As long as everyone in the class works on these community quizzes in good faith, no one will receive a grade lower than the class average on these quizzes.

Exams: Five exams will be given on the dates indicated in the schedule. There will be no early, late or make-up exams. If an exam is missed under extreme circumstances and for a very valid reason, please come speak with me to see if alternative arrangements can be made.

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.

Accommodations: Those of you who need additional accommodations due to disability, campus-related activities, or some other reason, please meet with me during the first two weeks of class to discuss your options.

Grade:

Homework	10%	Midterms (5)	40%
Groupwork	10%	Final	30%

Grading Scale:

A : 93-100	B+ : 87-89	C+ : 77-79	D : 60-69	F : 0-59
A- : 90-92	B : 83-86	C : 70-76		
	B- : 80-82			

Tentative Schedule
Math 1C Winter Quarter 2017

	Monday	Tuesday	Wednesday	Thursday	Friday
January	Intro to Whole Numbers 9 Ch. 1.1	Small Number Arithmetic 10 Ch. 1.2-3	Large Number Arithmetic 11 Ch. 1.2-3	Long Division 12 Ch. 1.3	Prime Factorization 13 Ch. 1.4
January	Martin Luther King Junior 16	Order of Operations 17	One Step Equations 18 Ch. 1.6-7	Applications 19 Ch. 1.6-7	Intro to Integers 20 Ch. 2.1-2
January	Arithmetic with Integers 23 Ch. 2.3-4	Order of Operations 24 Ch. 2.5	Two Step Equations 25 Ch. 2.6	Review 26	Midterm 1 27
January/ February	Equivalent Fractions 30 Ch. 4.1	Mult. and Div. Fractions 31 Ch. 4.2-3	Add and Sub. Fractions 1 Ch. 4.4	Arithmetic with Fractions 2 Ch. 4.2-4	Equations with Fractions 3 Ch. 4.8
February	Mixed Numbers 6 Ch. 4.5-6	Review 7	Midterm 2 8	Intro to Decimals 9 Ch. 5.1	Add and Sub. Decimals 10 Ch. 5.2
February	Multiply Decimals 13 Ch. 5.3	Division with Decimals 14 Ch. 5.4	Arithmetic with Decimals 15 Ch. 5.2-4	Equations with Decimals 16 Ch. 5.6	President's Day Weekend 17
February	President's Day Weekend 20	Fractions vs. Decimals 21 Ch. 5.5	Pythagorean Theorem 22 Ch. 5.7-8	Review 23	Midterm 3 24
February/ March	Algebraic Expressions 27 Ch. 3.1-2	Simplifying Expressions 28 Ch. 3.3-4	Linear Equations 1 Ch. 3.5	Equations with Fractions 2 Ch. 3.5	Graphing Points 3 Ch. 8.1
March	Graphing Lines 6 Ch. 8.2	Intro to Functions 7 Ch. 9.1	Review 8	Midterm 4 9	Ratios and Rates 10 Ch. 6.1
March	Proportions 13 Ch. 6.2	Unit Conversions 14 Ch. 6.3	Intro to Percents 15 Ch. 7.1	Basic Percent Equations 16 Ch. 7.2	Percent Applications 17 Ch. 7.3
March	Percent Inc. or Dec. 20 Ch. 7.4	Review 21	Midterm 5 22	Review for Final 23	Exit Survey 24
March	 27	 28	 29	**Final 9:15-11:15** 30	 31

Important Dates:
January 21: Last day to add a class.
January 22: Last day to drop with no grade on record.
February 3: Last day to request Pass/No Pass grade.
March 3: Last day to drop with a "W".