MATH 212   **MPS**   **SPRING 2017**

Instructor: **Dr Zack Judson**

Office Hours: MWF 8:30-9:20 (S43 tutorial center)
                    TTh 12:30-1:20 E36b

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

Prerequisite: Math 210 or an equivalent course

Text: **1) INTERMEDIATE ALGEBRA, 7th Edition   BY BLITZER**
                    2) Student Access Code to MyMathLab (Required)

Student Learning   1) Evaluate real-world situations and distinguish between and apply linear and
Objectives: quadratic function models appropriately.
                    2) Analyze, interpret, and communicate results of linear and quadratic models in a logical
                       manner from four points of view – visual, formula, numerical, and written.
                    3) Demonstrate an appreciation and awareness of applications in their daily lives.

Midterm Exams: Four exams will be given with no make-ups. If an exam is missed under <u>extreme</u>
                    circumstances and for a very valid reason, an equivalent of the final score will replace the missing
                    exam score.

Homework: Students will complete Homework assignments on MyMathLab. No late work will be accepted.
                    MyMathLab   **Course ID: judon49667**

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 begin 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.

Final Exam: On the last Wednesday of class there will be an exam covering all of the applications covered
                     during this course. This score will be combined with the two-hour comprehensive exam that will
                     be given during the final exam time.

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 212 Spring Quarter 2017

	Monday	Tuesday	Wednesday	Thursday	Friday
April	Arithmetic Ch. 1.2 10	Simplifying Ch. 1.2 11	Graphing Ch. 1.1,3 12	Functions Ch. 2.1 13	Functions Ch. 2.2 14
April	Linear Equations Ch. 1.4 17	Lines Ch. 2.4 18	Lines Ch. 2.4 19	Lines Ch. 2.4 20	Linear Models I Ch. 2.4 21
April	Slope Ch. 2.4 24	Linear Models II 25	Review 26	Midterm 1 27	Graph Systems Ch. 3.1 28
May	Substitution Ch. 3.1 1	Elimination Ch. 3.1 2	Applications Ch. 3.2 3	Applications Ch. 3.2 4	Inequalities Ch. 4.1 5
May	Inequalites Ch. 4.4 8	Inequalites Ch. 4.4 9	Review 10	Midterm 2 11	Parabolas 12
May	Vertex Form Ch. 8.3 15	Square Root Property 16 Ch. 8.1	Quadratic Formula 17 Ch. 8.2	Standard Form Ch. 8.3 18	Complex Unit Ch. 7.7 19
May	Max/Min Ch. 8.3 22	Max/Min Ch. 8.3 23	Review 24	Midterm 3 24	Exponents Ch. 1.6 25
May/ June	Memorial Day 29	Polynomial Ch. 5.1 30	Multiplication Ch. 5.2 31	GCF Ch. 5.3 1	Grouping Ch. 5.3 2
June	Nice Trinomials Ch. 5.4 5	Ugly Trinomials Ch. 5.4 6	Special Forms Ch. 5.5 7	Polynomial Equations 8 Ch. 5.7	Factoring Ch. 5.6 9
June	Applications Ch. 5.7 12	Applications Ch. 5.7 13	Review 14	Midterm4 15	16
June	Review 19	Review 20	Application Final 21	Review 22	Exit Survey 23
June	26	27	28	**Final 9:15-11:15** 29	30

Important Dates: April   22:   Last day to add a class.
                            April   23:   Last day to drop with no grade on record.
                            May   5:   Last day to request Pass/No Pass grade.
                            June   2:   Last day to drop with a "W".