MATH 212 **SUMMER 2017**

Instructor: **Dr Zack Judson**

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

Prerequisite: Math 212 or an equivalent course

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

Student Learning Objectives:
1) Evaluate real-world situations and distinguish between and apply linear and 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.

Student Conduct: A student who is disruptive will be asked to leave the class. A student who refuses to leave the room will be dropped from the class and will be reported for further action.

Drop Policy: **A student who misses three classes or more may be dropped. A student who stops coming to class and does not drop the course will get an F.**

Grade: 10% Discussion 20% Homework 40% Exams(5) 30% Final

Discussion: Mathematics can only be learned by doing, so once or twice a day we will get hands on experience solving math problems during our discussion sessions. These discussions are graded strictly on participation.

Homework: Students will complete Homework assignments on MyMathLab. No late work will be accepted. **MyMathLab Course ID: judson37896**

Midterms: Five exams will be given with no make-ups. The exams will take place on the first day of the second through sixth weeks of class. If one exam is missed under extreme circumstances and for a very valid reason, an equivalent of the final score will replace the missing exam score.

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 week of class to discuss your options.

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 Summer Quarter 2017

	Monday	Tuesday	Wednesday	Thursday
July	Arithmetic and Graphing 3	Fourth of July (no class) 4	Simplifying and Exponents 5	Linear Equations and Inequalities 6
July	Exam 1 Intercepts 10	Linear Functions and Models 11	Slope and Linear Models 12	Functions 13
July	Exam 2 Systems of 17 Linear Eqns	Substitution and Elimination 18	Applications of Systems of 19 Linear Eqns	Linear Inequalities in 20 two variables
July	Exam 3 Introduction to 24 Parabolas	Vertex Form and the Square Root 25 Property	Standard Form and Quadratic 26 Equations	Maximums and Minimums 27
July/ August	Exam 4 Introduction to 31 Polynomials	Multiplication of Polynomials 1	Factoring 2	More Factoring 3
August	Exam 5 Polynomial 7 Equations	Applications of Polynomial 8 Equations	Review 9	Final 10