

MATH 212

SECTION 21

SPRING 2016

Instructor: **Dr Zack Judson**

Office Hours: MWF 10:30-11:20 E36b
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, 5th 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.

Midterm Exams: (10% each) Four exams will be given with no make-ups. If an exam is missed under extreme circumstances and for a very valid reason, an equivalent of the final score will replace the missing exam score.

Homework: (20%) Students will complete Homework assignments on MyMathLab. No late work will be accepted. **MyMathLab Course ID: judson30933**

Groupwork: (10%) Students will often work in groups. This work will largely be graded based on effort. There will be no make-up group work allowed.

Final Exam: (30%) 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.

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 2016

	Monday	Tuesday	Wednesday	Thursday	Friday
April	Arithmetic/ Graphing Ch. 1.2, 1.3 4	5	Simplifying/ Exponents Ch. 1.2, 1.6 6	7	8
April	Linear Equations/ Lines Ch. 1.4, 2.4 11	12	Lines/ Linear Models I Ch. 2.4 13	14	15
April	Slope/ Linear Models II Ch. 2.4 18	19	Functions Ch. 2.1, 2.2 20	21	22
April	Midterm 1 Graphing Systems of Eqns 25 Ch. 3.1	26	Substitution/ Elimination Ch. 3.1 27	28	29
May	Applications of Systems Ch. 3.2 2	3	Inequalities Ch. 4.1, 4.4 4	5	6
May	Midterm 2 Introduction to Parabolas 9	10	Vertex Form and the Square Root Property 11 Ch. 8.1, 8.3	12	13
May	The Quadratic Formula and Standard Form 16 Ch. 8.2, 8.3	17	Maximums and Minimums Ch. 8.3 18	19	20
May	Midterm 3 Polynomials 23 Ch. 5.1, 5.2	24	Greatest common factors, grouping and nice trinomial 25 Ch. 5.3, 5.4	26	27
May/ June	Memorial Day 30	31	Ugly Trinomials and Special Forms 1 Ch. 5.4, 5.5	2	3
June	Polynomial Equations Ch. 5.6, 5.7 6	7	Applications of Polynomials Ch. 5.7 8	9	10
June	Midterm 4 Review 13	14	Application Final Review 15	16	17
June	Final 1:45-3:45 20	21	22	23	24

Important Dates: April 16: Last day to add a class.
 April 17: Last day to drop with no grade on record.
 April 29: Last day to request Pass/No Pass grade.
 May 27: Last day to drop with a "W".