

MATH 212

SECTION 1

WINTER 2018

Instructor: **Dr. Zack Judson**

Office Hours: MW 12:30-1:20 TTh 9:30-10:20 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)

Midterm Exams: 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: Students will complete Homework assignments on MyMathLab.
No late work will be accepted.
MyMathLab **Course ID: judson38718**

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.

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 Winter Quarter 2018

	Monday	Tuesday	Wednesday	Thursday	Friday
January	Introduction 8	Arithmetic Ch. 1.2 9	Simplifying Ch. 1.2 10	Graphing Ch. 1.1,3 11	Linear Equations Ch. 1.4 12
January	Martin Luther King's Birthday 15	Functions Ch. 2.2 16	Functions Ch. 2.2 17	Linear Functions Ch. 2.4 18	Linear Models I Ch. 2.4 19
January	Graphing Lines Ch. 2.4 22	Slope Ch. 2.4 23	Linear Models II 24	Review 25	Midterm 1 26
January/ February	Systems of Linear Equations 29 Ch. 3.1	Substitution Ch. 3.1 30	Elimination Ch. 3.1 31	Applications I Ch. 3.2 1	Applications II Ch. 3.2 2
February	Inequalities Ch. 4.4 5	Inequalities Ch. 4.4 6	Inequalities Ch. 4.4 7	Review 8	Midterm 2 9
February	Introduction to Parabolas 12	Vertex Form Ch. 8.3 13	Square Root Property 14 Ch. 8.1	Quadratic Formula 15 Ch. 8.2	President's Day Weekend 16
February	President's Day Weekend 19	Standard Form Ch. 8.3 20	Min/Max Ch. 8.3 21	Min/Max Ch. 8.3 22	Complex Unit Ch. 7.7 23
February/ March	Review 26	Midterm 3 27	Exponents Ch. 1.6 28	Polynomials Ch. 5.1 1	Multiplication of Polynomials 2 Ch. 5.2
March	GCF Ch. 5.3 5	Grouping Ch. 5.3 6	Monic Trinomial Ch. 5.3 7	Ugly Trinomials Ch. 5.3 8	Polynomial Equations 9 Ch. 5.7
March	Applications Ch. 5.7 12	Applications Ch. 5.7 13	Mixed Factoring Ch. 5.6 14	Review 15	Midterm 4 16
March	Review 19	Review 20	Application Final 21	Review 22	Exit Survey 23
March	Final 7:00-9:00am 26	27	28	29	30

Important Dates: January 20: Last day to add a class.
 January 21: Last day to drop with no grade on record.
 February 2: Last day to request Pass/No Pass grade.
 March 2: Last day to drop with a "W".

Student Learning Outcome(s):

*Evaluate real-world situations and distinguish between and apply linear and quadratic function models appropriately.

*Analyze, interpret, and communicate results of linear and quadratic models in a logical manner from four points of view - visual, formula, numerical, and written.

*Demonstrate an appreciation and awareness of applications in their daily lives.