MATH 212 **SECTION 3** **CRN 45445** **SPRING 2019**

Instructor: **Dr. Zack Judson**

Office Hours: MWF 9:30-10:20 TTh 12:30-1:20 Office: 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, something will be arranged.

Homework: Students will complete Homework assignments on MyMathLab.
No late work will be accepted.
MyMathLab **Course ID: judson11481**

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.

Grade: The way in which the homework, groupwork, quizzes, midterms and finals will contribute
to your grade will be co-constructed by the class on the first day of the quarter.

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

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.

Tentative Schedule
Math 212 Spring Quarter 2019

	Monday	Tuesday	Wednesday	Thursday	Friday
April	Introduction 8	Arithmetic Ch. 1.2 9	Simplifying Ch. 1.2 10	Graphing Ch. 1.1,3 11	Review 12
April	Linear Equations Ch. 1.4 15	Functions Ch. 2.2 16	Functions Ch. 2.2 17	Linear Functions Ch. 2.4 18	Linear Models I Ch. 2.4 19
April	Graphing Lines Ch. 2.4 22	Slope Ch. 2.4 23	Linear Models II 24	Review 25	Midterm 1 26
April/May	Systems of Linear Equations 29 Ch. 3.1	Substitution Ch. 3.1 30	Elimination Ch. 3.1 1	Applications I Ch. 3.2 2	Applictions II Ch. 3.2 3
May	Inequalities Ch. 4.1 6	Inequalites Ch. 4.4 7	Inequalities Ch. 4.4 8	Review 9	Midterm 2 10
May	Introduction to Parabolas 13	Vertex Form Ch. 8.3 14	Square Root Property 15 Ch. 8.1	Quadratic Formula 16 Ch. 8.2	Standard Form Ch. 8.3 17
May	Min/Max Ch. 8.3 20	Min/Max Ch. 8.3 21	Complex Unit Ch. 7.7 22	Review 23	Review 24
May	Memorial Day 27	Midterm 3 28	Exponents Ch. 1.6 29	Polynomials Ch. 5.1 30	Multiplication of Polynomials 31 Ch. 5.2
June	GCF Ch. 5.3 3	Grouping Ch. 5.3 4	Monic Trinomial Ch. 5.3 5	Ugly Trinomials Ch. 5.3 6	Polynomial Equations 7 Ch. 5.7
June	Applications Ch. 5.7 10	Applications Ch. 5.7 11	Mixed Factoring Ch. 5.6 12	Review 13	Midterm 4 14
June	Review 17	Review 18	Application Final 19	Review 20	Exit Survey 21
June	 24	 25	**Final** **7:00-9:00am** 26	 27	 28

Important Dates:
April 20: Last day to add a class
April 21: Last day to drop with no grade on record.
May 3: Last day to request Pass/No Pass grade.
May 31: 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.