MATH 212
SUMMER 2015

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 2nd 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 10% Homework 50% 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: judson50505

Midterms: Five exams will be given with no make-ups. The exams will take place on Monday 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
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<th>Monday</th>
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<tr>
<td>June/July</td>
<td>Arithmetic 29</td>
<td>Simplifying and Graphing 30</td>
<td>Linear Equations 1</td>
<td>Linear Inequalities 2</td>
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<td>July</td>
<td>Exam 1 Exponents 6</td>
<td>Functions 7</td>
<td>Lines 8</td>
<td>Slope 9</td>
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<td>July</td>
<td>Exam 2 Systems of 13 Linear Eqns</td>
<td>Substitution and Elimination 14</td>
<td>Applications of Systems of 15 Linear Eqns</td>
<td>Linear Inequalities in 16 two variables</td>
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<td>July</td>
<td>Exam 3 Introduction to 20 Parabolas</td>
<td>Vertex Form and the Square Root 21 Property</td>
<td>Standard Form and Quadratic 22 Equations</td>
<td>Maximums and Minimums 23</td>
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<td>July</td>
<td>Exam 4 Introduction to 27 Polynomials</td>
<td>Multiplication and the GCF 28</td>
<td>Factoring 29</td>
<td>More Factoring 30</td>
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<td>August</td>
<td>Exam 5 Polynomial 3 Equations</td>
<td>Applications of Polynomial 4 Equations</td>
<td>Review 5</td>
<td>Final 6</td>
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