**Math203 Intermediate Algebra** Code **20240 (uy36288)** Spring 2013 College of Alameda

**Instructor**: M. T. Uy Email: muy@peralta.edu Website: alameda.peralta.edu/manuel-uy
**Textbook** : Angel, Elementary and Intermediate Algebra 4e, ISBN 0-321-70613-7 (unbound version plus MyMathLab online access), Pearson /Prentice Hall

**Course Descriptions**: Real number properties and operations; solutions and graphs of linear functions in one and two variables; absolute value equations; advanced factoring; complex numbers; systems of equations and inequalities; polynomials; rational expressions; rational exponents and radical; functions and relations; exponential and logarithmic functions.
**Student Learning Outcomes**: 1. Manipulate algebraic expressions; 2. Develop problem solving abilities: synthesize data, translate words into math language, and construct an abstract model that describes the problem; 3. Determine if an algebraic expression is an equation, classify the equation, solve the equation and check the solution; 4. Given data, analyze information, and create a graph that is correctly titled and labeled, appropriately designed, and accurately emphasizes the most important data content.

**Week/Date** **Homework (MyMathLab Homework due dates and times are final) and Exams**
00:01/23 **Orientation** on Wednesday, 01/23/2013, on doing homework online using MyMathlab
01:01/23 Chapter 4 Graphing Linear Equations due 02/24
02:01/28 Chapter 4 Continued
03:02/04 Chapter 5 Exponents and Polynomials due 02/24
04:02/11 Chapter 6 Factoring due 03/03
05:02/18 Chapter 6 Continued
06:02/25 Chapter 7 Rational Expressions and Equations due 03/10
07:03/04 Chapter 7 Continued
08:03/11 Chapter 8 Functions and their Graphs due 03/1909:03/18 **Mid-Term Exam review on Monday, 3/18/2013, 3/18/2013, at 12 noon
09:03/20 Mid-Term Exam** on Chapters 4 through 8 **on Wednesday, 3/20,** at **12 noon**
**SR:03/25 Spring Recess from 3/25/2013 to 3/30/2013**
10:04/01 Chapter 9 Systems of Linear Equations due 04/14
11:04/08 Chapter 9 Continued
12:04/15 Chapter 10 Inequalities in One and Two Variables due 04/28
13:04/22 Chapter 11 Roots, Radicals, and Complex Numbers due 05/05
14: 04/29 Chapter 12 Quadratic Functions due 05/12
15:05/06 Chapter 12 Continued
16:05/13 Chapter 13 Exponential and Logarithmic Functions due 05/22
17:05/15 **Optional Final Exam Review on Wednesday, 3/15/2013, at 12 noon in D237**
18:**05/20** **Final Exam** on Chapters 4 through 13 **on Monday, 05/20/2013,** **at 12 noon**

**Grading Policy (\*\*No make-up exams** and **no incomplete grades will be allowed\*\*)
Categories Homework Mid-Term Final Exam Total**
**Distribution** 40 points 20 points 40 points **100 points**

**Brackets** **90 to 90+** **80 to <90** **70 to <80** **60 to <70** **0 to <60**
**Letter Grades** \*\*\***A**\*\*\* \*\*\***B**\*\*\* \*\*\***C\*\*\* \*\*\*D\*\*\* \*\*\*F\*\*\***

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