***MAT 0018C – Developmental Math I***

***Elayn Martin-Gay, third custom edition For Valencia College***

***Time Line for Fall Term 2012, MWF Classes***

| ***Week #*** | ***Dates*** | ***Topics*** | ***Textbook Sections and Plans*** | | |
| --- | --- | --- | --- | --- | --- |
| ***Monday*** | ***Wednesday*** | ***Friday*** |
| 1 | August 27-  September 1 | Course Introductions, Lab Orientations, Standard Notation, Place Value. Addition, Subtraction, Perimeter. Rounding and Estimating. Multiplying and Area. | Lab Orientation (your orientation may occur on a different day; shift topics accordingly) | 1.2, 1.3 | 1.4, 1.5 |
| 2 | September  3 - 8 | Dividing. Exponents and Order of Operations. Introduction to Variables,  Algebraic Expressions and Equations.  ***Activity: Learning Styles*** | ***College Closed***  ***(Labor Day)*** | 1.6, 1.7 | 1.8 |
| 3 | September  10 - 15 | Introduction to Integers. Addition of Integers. Subtracting Integers.  ***Chapter 1 Lab Mastery Due Monday, September 10.*** | ***Exam***  ***Chapter 1*** | 2.1, 2.2 | 2.3 |
| 4 | September  17 - 22 | Multiplication and Division of Integers. Order of Operations. Solving Equations: The Addition and Multiplication Properties.  ***Activity: Time Management*** | 2.4 | 2.5, 2.6 | ***Review*** |
| 5 | September 24 - 29 | Simplifying Algebraic Expressions. Solving Linear Equations in One Variable. Problem Solving.  ***Chapter 2 Lab Mastery Due Monday, September 24.*** | ***Exam***  ***Chapter 2*** | 3.1, 3.2 | 3.3, 3.4 |
| 6 | October  1 - 6 | 2.7\* (only Graphing Inequalities on the Number Line)  ***Activity: Effective Note-Taking. Chapter 3 Lab Mastery Due Friday, October 5.*** | 2.7\* | ***Review*** | ***Exam***  ***Chapter 3*** |
| 7 | October  8 - 13 | Introduction to Fractions and Mixed Numbers. Factors and Simplest Form. Multiplication and Division of Fractions. | 4.1 | 4.2 | 4.3 |
| 8 | October  15 - 20 | Addition and Subtraction of Fractions. Complex Fractions. Order of Operations.  ***Activity: Home Improvement*** | 4.4 | 4.5 | 4.6, 4.7, |
| 9 | October  22 – 27 | Solving Equations Containing Fractions. ***Chapter 4 Lab Mastery Due Friday, October 26.*** | 4.8 | ***Review*** | ***Exam***  ***Chapter 4*** |
| 10 | October 29 -November  3 | Introduction to Decimals. Addition and Subtraction of Decimals. Multiplication and Division of Decimals. Fractions, Decimals, and Order of Operations. Equations containing decimals. | 5.1, 5.2, | 5.3, 5.4, | 5.5, 5.6 |
| 11 | November  5 - 10 | Ratios and Rates. Proportions. ***Activity: Preparing for and Taking Exams. Chapter 5 Lab Mastery Due Wednesday, November 7.*** | ***Review*** | ***Exam***  ***Chapter 5*** | 6.1, 6.2 |
| 12 | November  12 - 17 | Proportions and Problem Solving. Percent, Decimals and Fractions. Solving Percent Problems with Equations. Applications of Percent.  ***Activity: Financing Your Ride*** | 6.3 | 7.1, 7.2, | 7.4 |
| 13 | November  19 - 24 | Percent and Problem Solving. | 7.5, 7.6 | ***College Closed*** | ***College Closed*** |
| 14 | November 26 - December 1 | Addition and Subtraction of Polynomials. Multiplication Properties of Exponents.  ***Activity: Coping with Stress and Anxiety.***  ***Chapter 7 Lab Mastery Due Wednesday, November 28.*** | ***Review*** | ***Exam***  ***Chapters 6 and 7*** | 10.1, 10.2 |
| 15 | December 3 - 8 | Multiplying Polynomials. Volume. Conversion of Units within the US system.  ***Chapter 9/10 Lab Mastery Due Wednesday, December 5.*** | 10.3, 9.3 | 9.4, 9.5, 9.6 | ***Exam***  ***Chapters 9/10*** |
| 16 | December  10 - 15 | Final Exit Exam |  | ***Final Test week*** |  |

September 3rd: Labor Day, College closed.

October 11th: West campus, classes do not meet.

November 2nd: Withdraw deadline.

November 21-23: College closed.