**TENTATIVE OUTLINE/SCHEDULE (Subject to change): MAT 0022C 18151 Bates**

**T/R schedule:**

| ***Wk #*** | ***Dates*** | ***Topics*** | ***Textbook Sections and Plans*** |
| --- | --- | --- | --- |
| ***Tuesday*** | ***Thursday*** |
| 1 | September 1, 3 | Course Introduction, CH R, CH 1: Variables, exponents, order of Operations, perimeter, area (rectangles & triangles), and volume (rectangular prism) of geometric figures***Lab Orientation is done as scheduled by Math Center*** | Course Introduction, Orientation | CH R (Overview) CH 1: 1.1, 1.2, 1.3, 1.4 |
| 2 | September 8, 10 | CH 1: Introduction to with Integers, addition and subtraction of integers, combining like terms, definition of and combining of polynomialsCH 2: Multiplication of Integers, multiplication Laws of Exponents, products of Polynomials | 1.5, 1.6, 1.7, 1.8 | CH R/1 Exam 2.1, 2.2, 2.3, 2.4 |
| 3 | September15, 17  | CH 2: Special Products, division of integers, order of operations with integers, quotient rule, integer exponents, power rule for quotients, division of polynomials by monomials, scientific notation (Basics only: converting between standard & scientific form) | 2.5, 2.6, 2.7, 2.8, 2.9 | Review for CH 2 Test |
| 4 | September 22, 24  | CH 3: Solving Linear Equations with 1 variable, solving and using formulas | **Review for CH 2 exam**  | ***Exam******Chapter 2***CH 3: 3.1, 3.2, 3.3, 3.4 |
| 5 | September 29/October 1 | CH 3: Application Problems: General, Consecutive Integers, Distance Problems, geometric application problem, solving inequalitiesCH 4: Cartesian Coordinate System, Plotting points, graphing linear equations (2 variables), graphing linear equations using intercepts | 3.5, 3.7, 3.8 (*skip 3.6*) | **Review for exam CH 3** |
| 6 | October 6, 8  | Review and CH 3 Test | ***Exam******Chapter 3***CH 4: 4.1, 4.2 | **College Night (NO CLASSES on West Campus)** |
| 7 | October13, 15  | CH 4: Slope, slope-intercept form of a line | 4.3, 4.4, 4.5Review for Exam CH 4 | ***Exam******Chapter 4*** |
|  8 | October 20, 22  | CH 5: Prime factorization, greatest common factor, factoring polynomials with common factors and by grouping Factoring trinomials (leading coefficient of one and other than one) | CH 5: 5.1, 5.2 | 5.3, 5.4, 5.5 |
| 9 | October 27, 29 | CH 5: Factoring binomials (difference and sum of squares), factoring perfect square trinomials, solving quadratic equations by factoring.CH 6: Fractions and Rational Expressions, simplifying rational numbers and expressions, multiplication and division of rational expressions. | 5.6, 5.8 | **Review for exam,**CH 6: 6.1, 6.2, 6.3 |
| 10 | November3, 5  | CH 6: Further multiplication of rational expressions, division of rational numbers and rational expressions | ***Exam******Chapter 5*** | 6.4, 6.5 *(skip 6.6)* |
| 11 | November 10, 12  | CH 7: Addition and Subtraction of Rational Numbers and Rational Expressions (Like and Unlike Denominators)CH 8: Ratios, Rates, Proportions, Conversion of Measurement (American & Metric Systems), Percent**Withdrawal Deadline: FRIDAY - November 13, 2015 (11:59 PM on Atlas)** | CH 7: 7.1, 7.2, 7.3, 7.4 | **Review for exam,**CH 8: 8.1, 8.2 & R7, 8.3 |
| 12 | November17, 19  | CH 8: Percent applicationsCH 10: Simplifying Radicals, multiplication and division of radicals, addition, subtraction, and mixed operations with radicals, rationalizing the denominator, Pythagorean Theorem  | ***Exam******Chapter 6/7*** | 8.4, 8.5CH 10: 10.1, 10.2, 10.3 |
| 13 | November24, 26 | CH 10: Simplifying Radicals, multiplication and division of radicals, addition, subtraction, and mixed operations with radicals, rationalizing the denominator, Pythagorean Theorem  | 10.4, 10.5, 10.7 | **Thanksgiving Break (NO CLASS!)** |
| 14 | December1, 3 | Review CH 10, CH 8/10 Exam | Review CH 10 | ***Exam******Chapter 8/10*** |
| 15 | December8, 10 | **FINAL EXAM REVIEW****Check out Hands-On and Math Connections for final exam review workshop schedule!** | **Final Exam Review**  | **Final Exam Review**  |
| 16 | December15, 17 | **FINAL EXAM WEEK** | **Date, Time, and Location: TBA** |
| **All lab due dates can be found in MyMathLab or provided by instructor. Keep track of lab due dates!!**  |

***\*\*\* This schedule is subject to change at any time by your professor. \*\*\****

**NOTE:**

September 7, 2015: Labor Day (No Classes – College Closed!)

**September 8, 2015: Drop/Refund Deadline 11:59 PM on atlas**

October 6, 2015: College Night (No classes on Osceola and Lake Nona Campuses ONLY!)

October 8, 2015: College Night (No classes on West Campus, East, and Winter Park Campuses!)

**November 13, 2015: Withdrawal Deadline (Last Day to receive grade of W; must withdraw by 11:59 PM on atlas)**

November 25 – 29, 2015: Thanksgiving Break (No classes – College Closed!)

December 13, 2015: Full Term Classes End for all full-term courses

**December 14 – 20, 2015: Final Exam Week**

***December 22, 2015: Final Course Grades viewable in Atlas***

Consult <http://www.valenciacollege.edu/calendar/FinalExam.cfm> for more information!