Detailed Schedule of HLS Lessons for Spring 2019: Pocatello Sections

Lessons marked as >>> are more difficult. Expect and plan to spend more time to complete them.

Unit 1. Linear Equations and Inequalities (Quiz 1 deadline Friday, January 25):
- 2.5 More Linear Equations
- 3.1 Working with Formulas
- 3.5a Solving Absolute Value Equations
- 4.2 Graphing using x- and y-intercepts of Linear Equations
- 4.3 Graphing Linear Equations in Slope-Intercept Form
- 4.4a Finding the Equation of a Line
- 4.4b Graphing Linear Equations in Point-Slope Form

Unit 2. Systems of Linear Equations and Applications (Quiz 2 deadline Monday, February 4):
- 8.1 Solving Systems of Linear Equations by Graphing
- 8.2 Solving Systems of Linear Equations by Substitution
- 8.3 Solving Systems of Linear Equations by Addition
- >>> 8.4 Applications: Distance-Rate-Time, Number Problems, Amounts and Costs
- >>> 8.5 Applications: Interest and Mixture

---------- Exam A deadline is Wednesday, February 6 ----------

Unit 3. Polynomial and Rational Equations (Quiz 3 deadline Friday, February 22):
- 5.5 Multiplying Polynomials
- 6.3b Factoring Trinomials by Grouping
- 6.4a Special Factorizations—Squares
- 6.4b Special Factorizations—Cubes
- 6.6 Solving Quadratic Equations by Factoring
- 7.1a Defining Rational Expressions
- 7.4b Solving Equations with Rational Expressions
- >>> 7.5 Applications Involving Rational Expressions

Unit 4. Radical Expressions and Rational Exponents (Quiz 4 deadline Monday, March 11):
- 9.2 Simplifying Radicals
- 5.1 Simplifying Integer Exponents I
- 5.2a Simplifying Integer Exponents II
- >>> 9.3 Rational Exponents
- 9.4a Addition and Subtraction with Radicals
- 9.4b Multiplication with Radicals
- 9.4c Rationalizing Denominators
- 9.5 Equations with Radicals

---------- Exam B deadline is Wednesday, March 11 ----------

[Note that the last day to withdraw from the course with a W grade is Friday, March 15.]

Unit 5. Quadratic Equations and Their Applications (Quiz 5 deadline Wednesday, April 3):
- 10.1a Quadratic Equations: The Square Root Method
- 10.1b Quadratic Equations: Completing the Square
- 10.2 Quadratic Equations: The Quadratic Formula
- >>> 10.3 Applications: Quadratic Equations
- >>> 10.5 Graphing Parabolas

Unit 6. Quadratic & Rational Inequalities, Circles, Functions (Quiz 6 deadline Wednesday, April 17):
- 3.4 Solving Linear Inequalities
- 10.6a Solving Quadratic Inequalities
- 10.6b Solving Inequalities with Rational Expressions
- >>> 3.5b Solving Absolute Value Inequalities
- 12.3 The Distance Formula and Circles

---------- Exam C deadline is Friday, April 19 ----------

---------- Retake Exam deadline is Thursday, April 25 ----------

---------- Late Certifications deadline is Friday, April 26 ----------

---------- Bonus Certification (Chapter 6 Review) deadline is Friday, April 26 ----------

---------- Final Exam deadline is Tuesday, April 30 ----------