

Course Outline

Math 143 GH – Fall 2019

Class 1 – Tuesday, August 27

Lecture: [Simplifying Algebraic Expressions](#), [Review of Equations](#), [Fractions and Decimals](#),
[Real Numbers - Part 1](#)

Class 2 – Thursday, August 29

Lecture: [The Zero Product Rule](#), [Factoring A](#), [Radical Expressions](#)

Also posted: [Graphing Lines](#), [Exponents 1](#), [Quiz 2 Review](#)

? Find all positive integers x such that $1/x$ is a terminating decimal.

Class 3 – Tuesday, September 3

Lecture: [Completing the Square 1, 2, 3](#), [Factoring 1](#), [The \$n\$ th Root of a Number](#), [Introduction to Construction](#),
[Triangle Inequality](#)

Class 4 – Thursday, September 5

Lecture: [Triangle Inequality](#), [The Pythagorean Theorem](#), [The Smallest Value of a Quadratic Expression](#),

Also posted: [Quiz 4 Review](#), Systems of equations [by substitution](#), [by elimination](#), [Linear Word Problems](#)

Class 5 – Tuesday, September 10

Lecture: [Completing the Square - part 4](#), [Graph of a Parabola 1 \(Practice\)](#), [Inequality and Interval Notation](#),
[Graphical Solutions](#), [Introduction to Combinatorics](#)

Class 6 – Thursday, September 12

Lecture: Completing the Square: [Part 3](#), and [Part 4](#), [Integer Exponents](#), [Similar Triangles](#), [Non-Linear Systems](#),

Also posted: [Exam 1 Information](#), [Exam 1 Review](#), [Linear Inequalities](#)

This page will be updated after each class.