Math 108 Checklist

The following skills are recommended for Math 108, Calculus with Business Applications. Choose the following textbook from the dropdown menu:

Lial: Essentials of College Algebra

Once you have chosen the textbook, click on the words “study plan”. Expand the Chapter + to see the individual sections. For each section below, start by watching the section video then proceed to exercises. If you need help with an exercise, you can click on the menu to the right of the exercise for help, to read the related section of the textbook, or to see additional examples.

☐ Chapter 0 - Orientation Questions for Students

☐ Chapter 0 - Review of Basic Concepts
  Section 0.1 Real Numbers
  Section 0.2 Order and Absolute Value
  Section 0.3 Polynomials
  Section 0.4 Factoring Polynomials
  Section 0.5 Rational Expressions
  Section 0.6 Rational Exponents
  Section 0.7 Radical Expressions

☐ Chapter 1 - Equations and Inequalities
  Section 1.1 Linear Equations
  Section 1.2 Applications and Modeling with Linear Equations
  Section 1.4 Quadratic Equations

☐ Chapter 2 - Graphs and Functions
  Section 2.1 Graphs of Equations (skip material on circles)
  Section 2.2 Functions
  Section 2.3 Linear Functions
  Section 2.7 Function Operations and Composition

☐ Chapter 3 - Polynomial and Rational Functions
  Section 3.1 Quadratic Functions and Models