

MATH 115
College Algebra (3 units)

Course Outline

<u>Topics</u>	<u># of weeks</u>
Chapter R: “Review of Basic Concepts” Sections R.3 – R.7	1.5
Chapter 1: “Equations and Inequalities” Sections 1.1 – 1.8	2.5
Chapter 2: “Graphs and Functions” Sections 2.1, 2.3 – 2.8	2.5
Chapter 3: “Polynomial and Rational Functions” Sections 3.1 – 3.6	3.0
Chapter 4 “Inverse, Exponential, and Logarithmic Functions” Sections 4.1 – 4.6	3.5
Tests	1.0

Textbook: Margaret L. Lial, John Hornsby, David I. Schneider, Callie J. Daniels,
Essentials of College Algebra 12th ed. (Pearson, 2019)

Students are required to have a graphing calculator for this course, and the TI-83/84 is recommended.

Adopted: April 2019