

PRE-CALCULUS 11 OUTLINE

Text: Pre-Calculus 11 (McGraw-Hill Ryerson)

Chapter 3: QUADRATIC FUNCTIONS

- a) Graphing Quadratic Functions
- b) Completing the Square

Chapter 4: QUADRATIC EQUATIONS

- a) Solving Quadratic Equations by Factoring
- b) The Quadratic Formula

Chapter 2: TRIGONOMETRY

- a) Trigonometric Ratios of Angles
- b) The Sine and Cosine Laws

Supplement: POWERS AND RADICALS

- a) Operations with Powers
- b) Simplifying Radicals

Chapter 5: RADICAL EXPRESSIONS AND EQUATIONS

- a) Operations with Radical Expressions
- b) Solving Radical Equations

Chapter 6: RATIONAL EXPRESSIONS AND EQUATIONS

- a) Operations with Rational Expressions
- b) Solving Rational Equations

Chapter 7: ABSOLUTE VALUE AND RECIPROCAL FUNCTIONS

- a) Absolute Value Functions and Equations
- b) Reciprocal Functions

Chapter 9: LINEAR AND QUADRATIC INEQUALITIES

- a) Linear Inequalities in Two Variables
- b) Quadratic Inequalities in One and Two Variables

Supplement: FINANCIAL LITERACY

- a) Compound Interest
- b) Investments and Loans