FUNDAMENTALS OF MATH IV TOPICS

Chapter Four – An Introduction to Factoring (emphasis grouping)
– Factoring Trinomials of the Form $x^2 + bx + c$
– Factoring Trinomials $ax^2 + bx + c$ (teach trial and error and AC method)
– Factoring Trinomials $ax^2 + bx + c$ (continued)
– Factoring Special Product
     (including difference of squares and sum and difference of cubes)
– Factoring Strategies
– Factoring and Problem Solving

Chapter Five – Simplifying Rational Expression
– Multiplying and Dividing Rational Expressions
– Adding and Subtracting Rational Expressions

Chapter Seven – The Slope-Intercept Form
– Liner Equations (Objectives 1, 2, and 3)
– An Introduction to Functions (evaluating expressions as main emphasis)

Chapter Two – Solving Inequalities

Chapter Eight – Graphing Systems of Linear Equations

Chapter Nine – Roots and Radicals
– Simplifying Radical Expressions

Chapter Ten – The Quadratic Formula