

Recommended Math 0370 Course Sections

Basic College Mathematics, 6/E
John Tobey, Jr., *North Shore Community College*
Jeffrey Slater, *North Shore Community College*
Jamie Blair, *Orange Coast College*

Required Sections	Comments	
§1.6	Exponents and the Order of Operations	
§1.8	Solving Applied Problems Involving Whole Numbers	
§2.1	Understanding Fractions	
§2.2	Simplifying Fractions	
§2.3	Converting Between Improper Fractions and Mixed Numbers	
§2.4	Multiplying Fractions and Mixed Numbers	
§2.5	Dividing Fractions and Mixed Numbers	
§2.6	The Least Common Denominator and Creating Equivalent Fractions	
§2.7	Adding and Subtracting Fractions	
§2.8	Adding and Subtracting Mixed Numbers and the Order of Operations	
§2.9	Solving Applied Problems Involving Fractions	
§3.1	Using Decimal Notation	
§3.2	Comparing, Ordering, and Rounding Decimals	
§3.3	Adding and Subtracting Decimals	
§3.4	Multiplying Decimals	
§3.5	Dividing Decimals	
§3.6	Converting Fractions to Decimals and the Order of Operations	
§3.7	Estimating and Solving Applied Problems Involving Decimals	
§4.1	Ratios and Rates	
§4.2	The Concept of Proportions	
§4.3	Solving Proportions	
§4.4	Solving Applied Problems Involving Proportions	
§5.1	Understanding Percent	
§5.2	Changing Between Percents, Decimals, and Fractions	
§5.3A or 5.3B	Solving Percent Problems Using Equations	
§5.4	Solving Applied Percent Problems	
§5.5	Solving Commission, Percent of Increase or Decrease, and Interest Problems	Optional
§6.1	American Units	
§7.1	Angles	
§7.2	Rectangles and Squares	

§7.3	Parallelograms, Trapezoids, and Rhombuses	Optional
§7.4	Triangles	
§7.5	Square Roots	Optional
§7.6	The Pythagorean Theorem	Optional
§7.7	Circles	
§7.8	Volume	
§9.1	Adding Signed Numbers	
§9.2	Subtracting Signed Numbers	
§9.3	Multiplying and Dividing Signed Numbers	
§9.4	Order of Operations with Signed Numbers	
§10.1	Variables and Like Terms	
§10.2	The Distributive Property	
§10.3	Solving Equations Using the Addition Property	
§10.4	Solving Equations Using the Division or Multiplication Property	