

Summer 2010 Pre-Algebra

**Instructor:** Michael Lee

**Schedule:** Tuesday & Thursday, 1:00-3:00pm

**Textbook:** Pre-Algebra, ISBN: 0-07-825200-8

Date	Syllabus	Date	Syllabus
06-22	1.1 Using a Problem-Solving Plan 1.2 Numbers and Expressions 1.3 Variables and Expressions 1.4 Properties 1.5 Variables and Equations 1.6 Ordered Pairs and Relations 1.7 Scatter Plots  Homework: P.47~50 #1~5, 7~35(odd)	06-24	Test (Chapter 1) 2.1 Integers and Absolute Value 2.2 Adding integers 2.3 Subtracting Integers 2.4 Multiplying Integers 2.5 Dividing Integers 2.6 The Coordinate System  Homework: P.90~92 #1~7, 9~43 (odd)
06-29	Test (Chapter 2) 3.1 The Distributive Property 3.2 Simplifying Algebraic Expressions 3.3 Solving Equations by Adding or Subtracting 3.4 Solving Equations by Multiplying or Dividing  Homework: P.138~139 #11~30	07-01	Quiz (3.1~3.4) 3.5 Solving Two-Step Equations 3.6 Writing Two-Step Equations 3.7 Using Formulas  Homework: P.138~140 #1~10, 31~38
07-06	Test (Chapter 3) 4.1 Factors and Monomials 4.2 Powers and Exponents 4.3 Prime Factorization 4.4 Greatest Common Factor  Homework: P.191~193 #9~39	07-08	Quiz (4.1~4.4) 4.5 Simplifying Algebraic Fractions 4.6 Multiplying and Dividing Monomials 4.7 Negative Exponents 4.8 Scientific Notation  Homework: P.191~194 #1~8, 40~65
07-13	Test (Chapter 4) 5.1 Writing Fractions as Decimals 5.2 Rational Numbers 5.3 Multiplying Rational Numbers 5.4 Dividing Rational Numbers 5.5 Adding and Subtracting Like	07-15	Quiz (5.1~5.5) 5.6 Least Common Multiple 5.7 Adding and Subtracting Unlike Fractions 5.8 Measures of Central Tendency 5.9 Solving Equations with Rational

	<p>Fractions</p> <p>Homework: P.254~256 #11~55 (odd)</p>		<p>Numbers</p> <p>5.10 Arithmetic and Geometric Sequences</p> <p>Homework: P.254~258 #1~9, 57~81 (odd)</p>
07-20	<p>Test (Chapter 5)</p> <p>6.1 Ratios and Rates</p> <p>6.2 Using Proportions</p> <p>6.3 Scale Drawings and Models</p> <p>6.4 Fractions, Decimals, and Percents</p> <p>6.5 Using the Percent Proportion</p> <p>Homework: P.316~318 #7~39 (odd)</p>	07-22	<p>Quiz (6.1~6.5)</p> <p>6.6 Finding Percents Mentally</p> <p>6.7 Using Percent Equations</p> <p>6.8 Percent of Change</p> <p>6.9 Probability and Predictions</p> <p>Homework: P.316~340 #1~5, 41~67 (odd)</p>
07-27	<p>Test (Chapter 6)</p> <p>7.1 Solving Equations with Variables on Each Side</p> <p>7.2 Solving Equations with Grouping Symbols</p> <p>7.3 Inequalities</p> <p>Homework: P.360~361 #11~28</p>	07-29	<p>Quiz (7.1~7.3)</p> <p>7.4 Solving Inequalities by Adding or Subtracting</p> <p>7.5 Solving Inequalities by Multiplying or Dividing</p> <p>7.6 Solving Multi-Step Inequalities</p> <p>Homework: P.360~361 #1~10, 29~43</p>
08-03	<p>Test (Chapter 7)</p> <p>8.1 Functions</p> <p>8.2 Linear Equations in Two Variables</p> <p>8.3 Graphing Linear Equations Using Intercepts</p> <p>8.4 Slope</p> <p>8.5 Rate of Change</p> <p>Homework: P.424~426 #11~37 (odd)</p>	08-05	<p>Quiz (8.1~8.5)</p> <p>8.6 Slope-Intercept Form</p> <p>8.7 Writing Linear Equations</p> <p>8.8 Best-Fit Lines</p> <p>8.9 Solving Systems of Equations</p> <p>8.10 Graphing Inequalities</p> <p>Homework: P.424~428 #1~10, 39~55 (odd)</p>
08-10	<p>Test (Chapter 8)</p> <p>9.1 Squares and Square Roots</p> <p>9.2 The Real Number System</p> <p>9.3 Angles</p> <p>9.4 Triangles</p> <p>Homework: P.483~485 #9~24</p>	08-12	<p>Quiz (9.1~9.4)</p> <p>9.5 The Pythagorean Theorem</p> <p>9.6 The Distance and Midpoint Formulas</p> <p>9.7 Similar Triangles and Indirect Measurement</p> <p>9.8 Sine, Cosine, and Tangent Ratios</p> <p>Homework: P.483~486 #1~8, 25~38</p>