

**Fall 2010 Martin Flashman**  
**MATH 40 TR 14:00-15:20 Elementary Algebra\***  
Tentative Section Schedule: \*All sections are from the “Beginning Algebra”  
portion of the textbook--- Subject to change

Week	Section	Topic
WEEK 1 Aug 23-27	1.1	Real Number and their Graphs
	1.2	Fractions
	1.3	Exponents and Order of Operations
WEEK 2 Aug 31-Sept 3	1.4	Adding and Subtracting Real Numbers
	1.5	Multiplying and Dividing Real Numbers
	1.6	Algebraic Expressions
WEEK 3 Sept 6-10	1.7	Properties of Real Numbers
	2.1/2.2	Solving Basic Linear Equations in One Variable
WEEK 4 Sept 13-17	2.2	Solving More Linear Equations in One Variable and <b>Review</b>
	<b>Exam II</b>	<b>Exam I</b>
WEEK 5 Sept 20-24	2.3	Simplifying Equations to Solve Linear Equations in One Variable
	2.4	Formulas
	2.5	Introduction to Problem Solving
WEEK 6 Sept 27-Oct 1	2.6	Motion and Mixture Problems
	2.7	Solving Linear Inequalities in One Variable
	3.1	The Rectangular Coordinate System
WEEK 7 Oct 4-8	3.2	Graphing Linear Equations
	7.1	Solving Systems of Linear Equations by Graphing
	7.2	Solving Systems of Linear Equations by Substitution
WEEK 8 Oct 11-15	7.3	Solving Systems of Linear Equations by Elimination (Addition)and <b>Review</b>
		<b>Exam II</b>
WEEK 9 Oct 18-22	7.4	Solving Applications of Systems of Linear Equations
	7.5	Solving Systems of Linear Inequalities
	4.1	Natural-Number Exponents
WEEK 10 Oct 25-29	4.2	Zero and Negative-Integer Exponents
	4.3	Scientific Notation
	4.4	Polynomials
WEEK 11 Nov 1-5	4.5	Adding and Subtracting Polynomials
	4.6	Multiplying Polynomials
	4.7	Dividing Polynomials by Monomials
WEEK 12 Nov 8-12	4.8	Dividing Polynomials by Polynomials and <b>Review</b>
		<b>Exam III</b>
WEEK 13 Nov 15-19	5.1	Factoring out the Greatest Common factor: Factoring by Grouping
	5.2	Factoring the Difference of Two Squares
	5.2	Factoring the Difference of Two Squares
11/24/28		<b>THANKSGIVING HOLIDAYS</b>
WEEK 14 Nov 29-Dec 3	5.3	Factoring Trinomials with a Leading Coefficient of 1
	5.4	Factoring General Trinomials
	5.6	Summary of Factoring Techniques
WEEK 15 Dec 6-10	5.7	Solving Equations by Factoring
	5.8	Problem Solving
		<b>REVIEW</b>
WEEK 16		<b>FINAL EXAM Th Dec. 16 15:00</b>