

Week	Date	Lecture Topic/Section	Online HW	Due at 10am	Written HW #	Due in Recitation
1	Mon, Jan 14 Wed, Jan 16 Fri, Jan 18	<b>Syllabus, 1.2:</b> Exponents and Radicals <b>1.3a:</b> Algebraic Expressions <b>1.3b:</b> Focus on Factoring	1.2 1.3a 1.3b	Fri, Jan 18 Fri, Jan 18 Wed, Jan 23	1	Thu, Jan 24
2	Mon, Jan 21 Wed, Jan 23 Fri, Jan 25	MLK Day - No Class <b>1.4:</b> Equations <b>1.6:</b> Inequalities	1.4 1.6	Fri, Jan 25 Mon, Jan 28	2	Thu, Jan 31
3	Mon, Jan 28 Wed, Jan 30 Fri, Feb 1	<b>2.1:</b> Rectangular Coordinate Systems <b>2.2:</b> Graphs of Equations (Circles & Semi-Circles) <b>2.4:</b> Def. of Function (Domain & Difference Quotient)	2.1 2.2 2.4	Wed, Jan 30 Fri, Feb 1 Mon, Feb 4	3	Thu, Feb 7
4	Mon, Feb 4 Wed, Feb 6 Fri, Feb 8	<b>2.5:</b> Graphs of Functions <b>Review - Exam 1 (6-7:30pm):</b> 1.2-1.4, 1.6, 2.1, 2.2, 2.4 Absolute Value Functions, Piecewise Functions	2.5 Abs. Value & Piecewise	Fri, Feb 8 Mon, Feb 11	4	Thu, Feb 14
5	Mon, Feb 11 Wed, Feb 13 Fri, Feb 15	<b>2.6:</b> Quadratic Functions <b>2.7:</b> Operations on Functions <b>3.1:</b> Higher Order Polynomials	2.6 2.7 3.1	Wed, Feb 13 Fri, Feb 15 Mon, Feb 18	5	Thu, Feb 21
6	Mon, Feb 18 Wed, Feb 20 Fri, Feb 22	<b>3.2:</b> Polynomial Division <b>3.3:</b> Zeros of Polynomials <b>3.4:</b> Complex and Rational Zeros of Polynomials	3.2 3.3 3.4	Wed, Feb 20 Fri, Feb 22 Mon, Feb 25	6	Thu, Feb 28
7	Mon, Feb 25 Wed, Feb 27 Fri, Mar 1	<b>3.4, 1.5:</b> Complex Numbers <b>3.5a:</b> Rational Functions I <b>3.5b:</b> Rational Functions II	1.5 3.5a 3.5b	Wed, Feb 27 Fri, Mar 1 Mon, Mar 4	7	Thu, Mar 7
8	Mon, Mar 4 Wed, Mar 6 Fri, Mar 8	<b>4.1:</b> Inverse Functions <b>Review - Exam 2 (6-7:30pm):</b> Abs. Value & Piecewise Functions, 1.5, 2.5-2.7, 3.1-3.5 <b>4.2:</b> Exponential Functions	4.1 4.2	Fri, Mar 8 Mon, Mar 11	8	Thu, Mar 14
9	Mon, Mar 11 Wed, Mar 13 Fri, Mar 15	<b>4.3:</b> Natural Exponential Function <b>4.4:</b> Logarithmic Functions <b>4.5:</b> Properties of Logarithms	4.3 4.4 4.5	Wed, Mar 13 Fri, Mar 15 Mon, Mar 18	9	Thu, Mar 21
10	Mon, Mar 18 Wed, Mar 20 Fri, Mar 22	<b>4.6:</b> Exponential and Logarithmic Equations Exponential and Logarithmic Models <b>5.1:</b> Angles	Exp. and Log Models 5.1	Wed, Mar 20 Fri, Mar 22 Mon, Apr 1	10	Thu, Apr 4
<b>Spring Break Mar 25-29 - No Classes</b>						
11	Mon, Apr 1 Wed, Apr 3 Fri, Apr 5	<b>5.2a:</b> Intro to Trigonometric Functions <b>5.2b:</b> Trigonometric Functions of Angles <b>5.3:</b> Trig Functions of Real Numbers (Unit Circle)	5.2 5.2 5.3	Wed, Apr 3 Fri, Apr 5 Mon, Apr 8	11	Thu, Apr 11
12	Mon, Apr 8 Wed, Apr 10 Fri, Apr 12	<b>5.3, 5.4:</b> Reference Angle Method <b>Review - Exam 3 (6-7:30pm):</b> Exponential & Logarithmic Models, 4.2-4.6, 5.1-5.3 <b>5.5:</b> Trigonometric Graphs (sine, cosine)	5.4 5.5	Fri, Apr 12 Mon, Apr 15	12	Thu, Apr 18
13	Mon, Apr 15 Wed, Apr 17 Fri, Apr 19	<b>5.6:</b> Additional Trigonometric Graphs <b>5.7:</b> Applications Involving Right Triangles <b>6.1:</b> Verifying Trigonometric Identities	5.6 5.7 6.1	Wed, Apr 17 Fri, Apr 19 Mon, Apr 22	13	Thu, Apr 25
14	Mon, Apr 22 Wed, Apr 24 Fri, Apr 26	<b>6.2:</b> Trigonometric Equations <b>6.3:</b> Addition and Subtraction Formulas <b>6.4:</b> Double-Angle and Half-Angle Formulas	6.2 6.3 6.4	Wed, Apr 24 Fri, Apr 26 Mon, Apr 29	14	Thu, May 2
15	Mon, Apr 29 Wed, May 1 Fri, May 3	<b>6.6:</b> Inverse Trigonometric Functions Review <b>Reading Day - No Class</b>	6.6	Wed, May 1	15	Not Collected
<b>Final Exam: Monday May 6, 10:30am-1:00pm</b>						