MA 15300 8-Week Online Section Fall 2025 Schedule

Monday	Tuesday	Wednesday	Thursday	Friday
10/20	10/21	10/22 Exponents (Lesson 1)	10/23 Radical Notation Fractional Exponents Simplifying Radicals Rationalizing Denominators (Lesson 2)	10/24 Polynomials (Lesson 3)
10/27 Factoring and GCF Factoring by Grouping and ac-method Factoring using Formulas (Lesson 4)	10/28 Steps for Factoring Rational Expressions (Simplifying and Multiplying) (Lesson 5)	10/29 Rational Expressions (Dividing, Adding, and Subtracting) (Lesson 6)	10/30 **Exam #1**	10/31 Complex Fractions (Lesson 7)
11/3 Linear Equations Linear Formulas Applications of Linear Equations (Lesson 8)	11/4 Rational Equations Rational Formulas Applications of Rational Equations (Lesson 9)	11/5 Quadratic Equations and Applications (Lesson 10)	11/6 Other Types of Equations (Lesson 11)	11/7 Rectangular Coordinate System, Finding Slope Algebraically and Graphically, Finding the Equation of a Line Algebraically and Graphically (Lesson 12)
11/10 Lines (all remaining topics) (Lesson 13)	11/11 **Exam #2**	11/12 Functions, Function Notation, and Domain of a Function Finding Function Values Algebraically (Numeric) (Lesson 14)	11/13 Finding Function Values Algebraically (Expressions), Difference Quotients, Graphing Functions (Lesson 15)	11/14 Linear Functions (Lesson 16)

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11/17 Transformations (Vertical and Horizontal Shifts, Stretching, Compressing, and Reflecting), Transforming a Graph (Lesson 17)	11/18 Transformations (all remaining topics) (Lesson 18)	11/19 Quadratic Functions and Parabolas, The Vertex, Finding Quad. Func. Algebraically, Finding Quad. Func. Graphically, Graphing Quad. Func. (Lesson 19)	11/20 Piecewise-defined Functions and Function Values, Graphing Piecewise Functions, Information about their graphs (Lesson 20)	11/21 **Exam #3**
11/24 Applications of Piecewise-defined Functions (Lesson 21)	11/25 **THANKSGIVING BREAK NO CLASSES**	11/26 **THANKSGIVING BREAK NO CLASSES**	11/27 **THANKSGIVING BREAK NO CLASSES**	11/28 **THANKSGIVING BREAK NO CLASSES**
12/1 One-to-One Functions, Inverse Functions Domain and Range of Inverse Functions, Checking Inverse Functions (Lesson 22)	12/2 Exponential Functions, Graphs of Exponential Functions, Formula for Interest Compounded n times per Year (Lesson 23)	12/3 Natural Exponential Functions and their graphs, Finding an Exponential Function Algebraically, Formula for Interest Compounded Continuously (Lesson 24)	12/4 Logarithmic Functions and their graphs (Lesson 25)	12/5 Common and Natural Logarithmic Functions and their graphs, Finding the Inverse of Exp. and Log. Functions (Lesson 26)
12/8 **Exam #4**	12/9 Logarithmic Equations (Lesson 27)	12/10 Exponential Equations (Lesson 28)	12/11 Solving Systems of Equations using Substitution and Applications (Lesson 29)	12/12 Solving Systems of Equations using Elimination, and Applications (Lesson 30)

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12/15	12/16	12/17	12/18	12/19