

MA 15300 8-Week Online Section Spring 2025 Schedule

Monday	Tuesday	Wednesday	Thursday	Friday
3/10 Exponents (Lesson 1)	3/11 Radical Notation Fractional Exponents Simplifying Radicals Rationalizing Denominators (Lesson 2)	3/12 Polynomials (Lesson 3)	3/13 Factoring and GCF Factoring by Grouping and ac-method Factoring using Formulas (Lesson 4)	3/14 Steps for Factoring Rational Expressions (Simplifying, Multiplying, and Dividing) (Lesson 5)
3/17 Spring Break	3/18 Spring Break	3/19 Spring Break	3/20 Spring Break	3/21 Spring Break
3/24 Rational Expressions (Adding and Subtracting) (Lesson 6)	3/25 Exam #1 at 10:30am in SC G046 and at 2:30pm in LILY G428	3/26 Complex Fractions (Lesson 7)	3/27 Linear Equations Linear Formulas Applications of Linear Equations (Lesson 8)	3/28 Rational Equations Rational Formulas Applications of Rational Equations (Lesson 9)
3/31 Quadratic Equations and Applications (Lesson 10)	4/1 Other Types of Equations (Lesson 11)	4/2 Rectangular Coordinate System, Finding Slope Algebraically and Graphically, Finding the Equation of a Line Algebraically and Graphically (Lesson 12)	4/3 Lines (all remaining topics) (Lesson 13)	4/4 Exam #2 at 1:30pm in NLSN 1225 and at 3:30pm in NLSN 1225

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4/7 Functions, Function Notation, and Domain of a Function Finding Function Values Algebraically (Lesson 14)	4/8 Finding Function Values Algebraically (Expressions), Difference Quotients, Graphing Functions (Lesson 15)	4/9 Linear Functions (Lesson 16)	4/10 Transformations (Vertical and Horizontal Shifts, Stretching, Compressing, and Reflecting), Transforming a Graph (Lesson 17)	4/11 Transformations (all remaining topics) (Lesson 18)
4/14 Quadratic Functions and Parabolas, The Vertex, Finding Quad. Func. Algebraically, Finding Quad. Func. Graphically, Graphing Quad. Func. (Lesson 19)	4/15 Piecewise-defined Functions and Function Values, Graphing Piecewise Functions, Information about their graphs (Lesson 20)	4/16 Exam #3 at 1:30pm in SC 189 and at 4:30pm in WTHR 214	4/17 Applications of Piecewise-defined Functions (Lesson 21)	4/18 One-to-One Functions, Inverse Functions Domain and Range of Inverse Functions, Checking Inverse Functions (Lesson 22)
4/21 Exponential Functions, Graphs of Exponential Functions, Formula for Interest Compounded n times per Year (Lesson 23)	4/22 Natural Exponential Functions and their graphs, Finding an Exponential Function Algebraically, Formula for Interest Compounded Continuously (Lesson 24)	4/23 Logarithmic Functions and their graphs (Lesson 25)	4/24 Common and Natural Logarithmic Functions and their graphs, Finding the Inverse of Exp. and Log. Functions (Lesson 26)	4/25 Exam #4 at 1:30pm in NLSN 1225 and at 3:30pm in NLSN 1225
4/28 Logarithmic Equations (Lesson 27)	4/29 Exponential Equations (Lesson 28)	4/30 Solving Systems of Equations and Applications (Lesson 29)	5/1 Solving Systems of Equations using Elimination, and Applications (Lesson 30)	5/2 Solving Systems of Equations using Elimination, and Applications (Lesson 30)

Monday	Tuesday	Wednesday	Thursday	Friday
5/5	5/6	5/7	5/8	5/9