

MATH 103 MW – Fall 2024 Schedule

Date	Sections Covered/Assessments
Aug 26	Syllabus Section 2.5 Solve Linear Inequalities
Aug 28	Section 2.6 Solve Compound Inequalities Section 2.7 Solve Absolute Value Inequalities
Sep 2	No Class – Labor Day
Sep 4	Section 3.2 Slope of a line Section 3.3 Find the Equation of a Line
Sep 9	Section 3.4 Graph Linear Inequalities in Two Variables Section 3.5 Relations and Functions
Sep 11	Section 3.6 Graphs of Functions
Sep 16	Section 4.1 Solve Systems of Linear Equations with Two Variables Section 4.2/4.3 Solve Applications with Systems of Equations
Sep 18	Section 4.4 Solve Systems of Equations with Three Variables Review for Test 1
Sep 23	Test 1 (Covers chapters 2, 3, and 4)
Sep 25	Section 5.2 Properties of Exponents and Scientific Notation Section 5.3 Multiply Polynomials
Sep 30	Section 6.1 Greatest Common Factor and Factor by Grouping Section 6.2 Factor Trinomials
Oct 2	Section 6.3/6.4 Special Products Section 6.5 Polynomial Equations
Oct 7	Section 7.1 Multiply and Divide Rational Expressions Section 7.2 Add and Subtract Rational Expressions
Oct 9	Section 7.3 Simplify Complex Rational Expressions Section 7.4 Solve Rational Equations
Oct 14	Section 7.5 Solve Applications with Rational Equations Review for Test 2
Oct 16	Test 2 (Covers chapters 5, 6, and 7)
Oct 21	Section 8.1 Simplify Expressions with Roots Section 8.2 Simplify Radical Expressions Section 8.3 Simplify Rational Exponents

Date	Sections Covered/Assessments
Oct 23	Section 8.4 Add, Subtract, and Multiply Radical Expressions Section 8.5 Divide Radical Expressions
Oct 28	Section 8.6 Solve Radical Equations Section 8.8 Use the Complex Number System
Oct 30	Section 9.1 Solve Quadratic Equations Using the Square Root Property Section 9.2 Solve Quadratic Equations by Completing the Square
Nov 4	Section 9.3 Solve Quadratic Equations Using the Quadratic Formula Section 9.4 Solve Equations in Quadratic Form
Nov 6	Section 9.5 Solve Applications of Quadratic Equations Section 9.6 Graph Quadratic Functions Using Properties
Nov 11	Section 9.8 Solve Quadratic (and Rational) Inequalities
Nov 13	Review for Test 3
Nov 18	Test 3 (Covers chapters 8 and 9)
Nov 20	Section 10.1 Finding Composite and Inverse Functions
Nov 25	Section 10.2 Evaluate and Graph Exponential Functions Section 10.3 Evaluate and Graph Logarithmic Functions
Nov 27	No Class – Thanksgiving
Dec 2	Section 10.4 Use the Properties of Logarithms
Dec 4	Review for Final Exam
Dec 9 – Dec 13	Final Exam: Ask the instructor for the exact date