

MATH 103 MW – Winter 2024 Schedule

Date	Sections Covered/Assessments
Jan 17	Syllabus Review of Chapter 1 and/or Section 2.1
Jan 22	Section 2.5 Solve Linear Inequalities Section 2.6 Solve Compound Inequalities
Jan 24	Section 2.7 Solve Absolute Value Inequalities Section 2.2 Use a Problem Solving Strategy
Jan 29	Section 2.4 Solve Mixture and Uniform Motion Applications
Jan 31	Section 3.2 Slope of a line Section 3.3 Find the Equation of a Line
Feb 05	Section 3.4 Graph Linear Inequalities in Two Variables Section 3.5 Relations and Functions
Feb 07	Section 3.6 Graphs of Functions Review for Test 1
Feb 12	Test 1 (Covers chapters 2 and 3)
Feb 14	Section 4.1 Solve Systems of Linear Equations with Two Variables Section 4.2/4.3 Solve Applications with Systems of Equations
Feb 19	Section 4.4 Solve Systems of Equations with Three Variables Section 5.2 Properties of Exponents and Scientific Notation
Feb 21	Section 5.3 Multiply Polynomials Section 6.1 Greatest Common Factor and Factor by Grouping Section 6.2 Factor Trinomials
Feb 26	Section 6.3/6.4 Special Products Section 6.5 Polynomial Equations
Feb 28	Section 7.1 Multiply and Divide Rational Expressions Section 7.2 Add and Subtract Rational Expressions
Mar 04	Mid-Semester Recess – No Class
Mar 06	Mid-Semester Recess – No Class
Mar 11	Section 7.3 Simplify Complex Rational Expressions Section 7.4 Solve Rational Equations

Date	Sections Covered/Assessments
Mar 13	Section 7.5 Solve Applications with Rational Equations Review for Test 2
Mar 18	Test 2 (Covers chapters 4, 5, 6, and 7)
Mar 20	Section 8.1 Simplify Expressions with Roots Section 8.2 Simplify Radical Expressions Section 8.3 Simplify Rational Exponents Section 8.4 Add, Subtract, and Multiply Radical Expressions
Mar 25	Section 8.5 Divide Radical Expressions Section 8.6 Solve Radical Equations
Mar 27	Section 8.8 Use the Complex Number System Section 9.1 Solve Quadratic Equations Using the Square Root Property
Apr 01	Section 9.2 Solve Quadratic Equations by Completing the Square Section 9.3 Solve Quadratic Equations Using the Quadratic Formula
Apr 03	Section 9.4 Solve Equations in Quadratic Form Section 9.5 Solve Applications of Quadratic Equations
Apr 08	Section 9.6 Graph Quadratic Functions Using Transformations Section 9.8 Solve Quadratic (and Rational) Inequalities
Apr 10	Review for Test 3
Apr 15	Test 3 (Covers chapters 8 and 9)
Apr 17	Section 10.1 Finding Composite and Inverse Functions Section 10.2 Evaluate and Graph Exponential Functions
Apr 22	Section 10.3 Evaluate and Graph Logarithmic Functions Section 10.4 Use the Properties of Logarithms
Apr 24	Review for Final Exam
Apr 29 – May 03	Final Exam: Ask the instructor for the exact date