MATH 025 SYLLABUS SPRING 2025

Text: Tussy & Gustafson, Elementary Algebra, 5th Edition

Period	Sections	Topic
2	1.1-1.3	(Course orientation) The Language of Algebra, Fractions, The Reals.
2	1.4-1.7	Operations with Real numbers. Exponents and Order of Operations.
1	1.8-1.9	Algebraic Expressions and Simplifying Algebraic Expressions.
3	2.1-2.2, 2.4-2.7	Properties of Equality, Solving Equations, Problem Solving, Solving Inequalities.
1		Catch Up and Review
1		EXAM I
1	3.1-3.3	The Rectangular Coordinate System, Graphing Lines, Intercepts.
1 ½	4.1-4.4	Solving Systems of Equations.
2 ½	5.1-5.8	Exponents and Polynomials.
2 ½	6.1-6.4, 6.6-6.7	Factoring and Solving Quadratic Equations by Factoring.
1		Catch Up and Review
1		EXAM II
3 ½	7.1-7.8	Rational Expressions and Operations with Rational Expressions.
3 ½	8.1-8.4	Square Roots and Operations with Square Roots. Their applications.
1 ½		Catch Up and Review for Final Exam