College Algebra *– MATH 1203-32/54 · onLine – Second 8-weeks*
NorthWest Arkansas Community College – Fall 2024

Course Schedule: Below is a week-by-week breakdown of course coverage. Schedule is subject to change and email notice will be given if that happens.

Week	Dates	Coverage
1	Oct 14 - 18	*Course Intro (via email)* 2.2 – Functions and Graphs 2.3 – Finding Domain and Range 2.4 – The Algebra of Functions 2.5 – Linear Functions: Graphs and Slope
2	Oct 21 - 25	2.6 – More on Graphing Linear Equations 2.7 – Finding Equations of Lines; Applications 3.7 – Systems of Inequalities and Linear Programming 5.4 – Complex Rational Expressions 5.5 – Solving Rational Equations
3	Oct 28 – Nov 1	6.1 – Radical Expressions and Functions 6.6 – Solving Radical Equations 6.8 – Increasing, Decreasing, and Piecewise Functions; Applications 7.2 – Transformations
4	Nov 4 - 8	*Exam #1 (Section 2.2 through Section 7.2)* 7.3 – The Complex Numbers 7.4 – Quadratic Equations, Functions, Zeros, and Models 7.5 – Analyzing Graphs of Quadratic Functions
5	Nov 11 - 15	8.1 – Polynomial Functions and Models 8.2 – Graphing Polynomial Functions 8.3 – Polynomial Division; The Remainder Theorem and the Factor Theorem 8.4 – Theorems about Zeros of Polynomial Functions 8.5 – Rational Functions 8.6 – Polynomial Inequalities and Rational Inequalities 9.1 – The Composition of Functions 9.2 – Inverse Functions
6	Nov 18 - 22	9.3 – Exponential Functions and Graphs 9.4 – Logarithmic Functions and Graphs 9.5 – Properties of Logarithmic Functions 9.6 – Solving Exponential Equations and Logarithmic Equations 9.7 – Applications and Models: Growth and Decay; Compound Interest
	Nov 25 – 29	*Thanksgiving Break*
7	Dec 2 – 6	10.1 – Matrices and Systems of Equations *Exam #2 (Section 7.3 through Section 10.1)*
8	Dec 9 – 13 **Finals Week**	***Final Exam – taken by Thursday, December 12***

Last Update: October 7, 2024