Math Essentials *– MATH 0044-3 · TR 12:00 – 1:50 · WCC 225*

NorthWest Arkansas Community College – Spring 2026

Required Textbook: *Developmental Mathematics: Prealgebra, Beginning Algebra, & Intermediate Algebra* by Julie Miller, Molly O'Neill & Nancy Hyde, McGraw Hill, 2nd Edition. This textbook is available in electronic form within *ALEKS*. You also have the option to purchase a hard copy of the textbook.

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

Week	Dates	Coverage
1	January 13 & 15	*Course Intro* *Initial Knowledge Check* Integer math, exponents, and order of operations (Unit 1)
2	January 20 & 22	Fractions, Simplify, Multiply / Divide (Unit 2) LCM and LCD (Unit 3)
3	January 27 & 29	LCM and LCD (Unit 3) Fractions Add and Subtract, order of operation (Unit 4) Decimals (Unit 5)
4	February 3 & 5	Decimals (Unit 5) *Scheduled Knowledge Check #1 (complete in ALEKS, due 2/8)* *Review for Exam 1* *Exam #1 (non-calculator)*
5	February 10 & 12	Variable expressions, evaluating, and simplifying (Unit 6) Solving equations in one variable (Unit 7)
6	February 17 & 19	Solving equations in one variable that involves fractions (Unit 8) Solving multi-step equations (Unit 9)
7	February 24 & 26	Solving multi-step equations (Unit 9) *Review for Exam 2* *Exam #2*
8	March 3 & 5	Solving multivariable formulas for a single variable (Unit 10) Solving linear inequalities and interval notation (Unit 11)
9	March 10 & 12	*Scheduled Knowledge Check #2 (complete in ALEKS, due 3/15)* Ratios and percentages (Unit 12) Ratios in the real world (Unit 13)
10	March 17 & 19	Ratios in the real world (Unit 13) *Review for Exam 3* *Exam #3*
	March 24 & 26	*Spring Break*
11	March 31 & April 2	Cartesian coordinates and graphing in two variables equations (Unit 14) Finding x and y intercepts, introduction to slope (Unit 15)
12	April 7 & 9	Finding x and y intercepts, introduction to slope (Unit 15) *Scheduled Knowledge Check #3 (complete in ALEKS, due 4/16)* Solving systems of linear equations using substitution (Unit 16)
13	April 14 & 16	Solving systems of linear equations using elimination (Unit 17) Solving systems using any method (Units 15-17) *Review for Exam 4*
14	April 21 & 23	*Exam #4* Polynomial Operations (Unit 18)
15	April 28 & 30	Factoring (Unit 19) *Review for Final Exam*
	May 4 - 8 **Finals Week**	**Final Exam will be given on Tuesday, May 5, 12:30 – 2:30.**