Finite Mathematics *– MATH 2053-7 · MW 9:00 – 10:15 · Paneitz SC 335*
NorthWest Arkansas Community College – Spring 2026

eText: *Interactive Finite Mathematics,* Ritchey, Rickard & Merkin, Pearson, 11th Ed.

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

Week	Dates	Coverage
1	January 12 & 14	*Course Intro* 3.1 Graphing Linear Inequalities 3.2 Solving Linear Programming Problems Graphically
2	January 19 & 21	*King Day* 3.3 Applications of Linear Programming
3	January 26 & 28	4.1 Slack Variables and the Pivot 4.2 Maximization Problems
4	February 2 & 4	4.4 Nonstandard Problems *Exam #1 (Chapters 3 & 4)*
5	February 9 & 11	5.1 Simple and Compound Interest 5.2 Future Value of an Annuity
6	February 16 & 18	5.3 Present Value of an Annuity; Amortization 7.1 Sets 7.2 Applications of Venn Diagrams
7	February 23 & 25	7.3 Introduction to Probability 7.4 Basic Concepts of Probability
8	March 2 & 4	*Exam #2 (Chapter 5, Sections 7.1 – 7.4)* 7.5 Conditional Probability; Independent Events
9	March 9 & 11	7.6 Bayes' Formula
10	March 16 & 18	8.1 The Multiplication Principle; Permutations 8.2 Combinations
	March 22 – 27	*Spring Break*
11	Mar 30 & Apr 1	8.2 Combinations 8.3 Probability Applications of Counting Principles
12	April 6 & 8	*Exam #3 (Sections 7.5, 7.6, 8.1, 8.2 & 8.3)* 8.4 Binomial Probability
13	April 13 & 15	8.5 Probability Distributions; Expected Value 9.1 Frequency Distributions; Measures of Central Tendency 9.2 Measures of Variation
14	April 20 & 22	9.3 The Normal Distribution
15	April 27 & 29	*Exam #4 (Section 8.4 & Chapter 9)* *Review for Final Exam*
	May 4 - 8 **Finals Week**	**Final Exam will be given on Wednesday, May 6, 9:00 – 11:00**

Updated: January 9, 2026