

MATH 1314 DVD and VIDEO LIST

Video tapes and DVDs may be checked out in the LRC or viewed in the Learning Center.

Take A Teacher Home - Mathematics Series

Chapter/ Section	Title	Topics
1.5	Solving Quadratic Equations By Extracting Roots And	Solving Quadratic Equations by Extracting Roots and Completing the Square
1.5	Solving Quadratic Equations Using The Quadratic Formula	Solving Quadratic Equations using the Quadratic Formula
1.5	Solving Quadratic Equations Summary	Solving Quadratic Equations summary
1.6	Solving Equations In Quadratic Form By	Solving Equations in Quadratic Form by Substitution
1.6	Solving Equations In Quadratic Form And Higher	Solving Equations in Quadratic Form and Higher-Degree Equations by Factoring
1.6 & 1.7	Equations And Inequalities Involving Absolute Value	Equations and Inequalities involving Absolute Value
2.3 & 2.4	Linear Equations In Two Variables	Linear Equations in Two Variables
2.1 & 2.2	Cartesian Coordinate System [And] Relations And Functions	Cartesian Coordinate System/Relations and Functions
2.8	<u>Distance & Midpoint</u>	Distance and Midpoint
2.8	Graphing Equations (Intercepts And Symmetry)	Circles
2.1 & 2.2	Functions, Part I & II	Functions, Part I
2.1 & 2.2	Function Notation And Operations [And] Linear	Linear Functions/Function Notation and Operations
2.1 & 2.2	Functions, Part I & II	Functions, Part II
2.1 & 2.2	Graphing Equations (Intercepts And Symmetry)	Graphing Equations (Intercepts and Symmetry)
2.5	Transformations Of Functions	Transformations of Functions
2.5	Translation Of Axes (Alternate For...)	Translation of Axes (Alternate for Transformations)
2.6	Combining Functions	Combining Functions
2.7	Inverse Functions	Inverse Functions
3.1	Extreme Values Of Quadratic Functions	Extreme Values of Quadratic Functions
3.2	Polynomial Functions	Polynomial Function
3.3 & 3.4	Synthetic Division (Remainder & Factor...)	Synthetic Division/Real Zeros of Polynomials
3.5	Rational Functions	Rational Functions
3.6	Nonlinear Inequalities	Nonlinear Inequalities
4.1	Exponential Functions	Exponential Functions including e^x
4.2	Logarithmic Functions	Logarithmic Functions
4.3 & 4.4	Properties Of Logarithms And Equations	Properties of Logarithms
5.1	Linear Systems In Two Variables	Linear Systems in Two Variables
5.2	Linear Systems In Three Variables	Linear Systems in Three Variables
5.4	Nonlinear Systems - OPTIONAL SECTION	Nonlinear Systems
6.1 & 6.2	Solving Systems Of Equations Using Matrices	Solving Systems of Equations using Matrices
7.1	Ellipses [And] Hyperbolas - OPTIONAL	Ellipses
7.2	Ellipses [And] Hyperbolas - OPTIONAL	Hyperbolas

*Videotapes and DVDs may be checked out in the NHC Library to take home or at the Main Desk in the Learning Center (LC) to view in the LC. DVDs are formatted for standard DVD players. They may not be compatible with some computers.

** A MATH 1314 Final Exam Review may be accessed or downloaded from the following website:
<http://lonestar.edu/blogs/lsc-northharrismath> select option **Final Exam Reviews** from the left menu.