

## MATH 2413, 2414, and 2415 DVD and VIDEO LIST

### Associated with the Thomas textbook

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	Video Title	Video Topic
2.1 - 2.5	<b>Techniques for Evaluating Limits</b>	Techniques for Evaluating Limits
3.2	<b>Derivatives of Sums/ Derivatives of Products</b>	Derivatives of Sums, Constant Multiples, Powers, Sines, and Cosines [&] Derivatives of Products, Quotients, Secants, and Tangents
3.5	<b>Differentiation Using The Chain Rule [AND] Implicit</b>	<b>Differentiation Using the Chain Rule;</b> Implicit Differentiation
3.6	<b>Differentiation Using The Chain Rule [AND] Implicit</b>	Differentiation Using the Chain Rule; <b>Implicit Differentiation</b>
3.7	<b>Related Rates</b>	Related Rates
4.1-4.4	<b>The First &amp; Second Derivative and Graphs</b>	<b>The First Derivative and Graphs;</b> The Second Derivative and Graphs
4.4	<b>Summary of Curve Sketching</b>	Summary of Curve Sketching
4.5	<b>Optimization Problems</b>	Optimization Problems
4.8	<b>Antiderivatives and Indefinite Integrals</b>	Antiderivatives and Indefinite Integrals
5.1-5.4	<b>Fundamental Theorem of Calculus</b>	Fundamental Theorem of Calculus
5.5-5.6	<b>Integration By Substitution</b>	Integration by Substitution
7.2	<b>The Natural Logarithm &amp; Its Derivative</b>	The Natural Logarithm & Its Derivative
7.2	<b>The Natural Logarithm &amp; Integration</b>	The Natural Logarithm & Integration
5.6	<b>Area Between Curves</b>	Area Between Curves
8.1	<b>Review of Basic Integration Formulas</b>	Review of Basic Integration Formulas
8.2	<b>Integration By Parts</b>	Integration by Parts

\*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.