Co-requisite Topic	Calculus 1 Topic	Class Session Week # / Dates
Rationalizing the numerator, rational expressions	S2.2 Definitions of Limits S2.3 Techniques for Computing Limits	1: Aug 11/12
Lines and Rational functions	S2.4 Infinite Limits S2.5 Limits at Infinity S2.6 Continuity	2: Aug 18/19
Trig Functions	S3.1 Derivatives S3.2 Working with Derivatives	3: Aug 25/26
Trig Identities	S3.3 Rules of Differentiation S3.4 The Product and Quotient Rules S3.5 Derivatives of the Trigonometric Functions	4: Sep 1/2
Composition of Functions and Solving Rational Equations	Test 1 for Math 231 S3.6 Derivatives as Rates of Change	5: Sep 8/9
Logarithms	S3.7 The Chain Rule S3.8 Implicit Differentiation	6: Sep 15/16
Inverse Functions, Inverse Trig Functions	S3.9 Logarithmic and Exponential Functions S3.10 Derivatives of Inverse Trig Functions S3.11 Related Rates	7: Sep 22/23
Setting up equations – related rates	S4.1 Maximum and Minimum Values S4.2 Mean Value Theorem	8: Sep 29/30
Inequalities	Test 2 for Math 231 S4.3 What Derivatives Tell Us about the Shape of a Curve S4.4 Graphing Functions	9: Oct 6/7
Setting up equations - optimization	S4.5 Optimization Problems S4.6 Linear Approximation and the Differential	10: Oct 13/14

Additional practice on optimization and / or related rates	S4.7 L'Hospital's Rule S4.8 Newton's Method S4.9 Antiderivatives	11: Oct 20/21
Summation notation	S5.1 Approximating Area S5.2 The Definite Integral	12: Oct 27/28
Review (Topics TBD)	Test 3 in Math 231 The Fundamental Theorem of Calculus	13: Nov 3/4
Additional practice on u-substitution	S5.4 Working with Integrals S5.5 The Substitution Rule	14: Nov 10/11
Review (Topics TBD)	Wrap up and Review	15: Nov 17/18