1 Functions and Models (Three Days)
  ○ 1.4 Exponential Functions
  ○ 1.5 Inverse Functions and Logarithms

2 Limits and Derivatives (Six Days)
  ○ 2.1 The Tangent and Velocity Problems
  ○ 2.2 The Limit of a Function
  ○ 2.3 Calculating Limits Using the Limit Laws
  ○ 2.4 The Precise Definition of a Limit
  ○ 2.5 Continuity
  ○ 2.6 Limits at Infinity; Horizontal Asymptotes
  ○ 2.7 Derivatives and Rates of Change
  ○ 2.8 The Derivative of a Function

3 Differentiation Rules (Eleven Days)
  ○ 3.1 Derivatives of Polynomials and Exponential Functions
  ○ 3.2 The Product and Quotient Rules
  ○ 3.3 Derivatives of Trigonometric Functions
  ○ 3.4 The Chain Rule
  ○ 3.5 Implicit Differentiation

4 Applications of Differentiation (Eight Days)
  ○ 4.1 Maximum and Minimum Values
  ○ 4.2 The Mean Value Theorem
  ○ 4.3 How Derivatives Affect the Shape of a Graph
  ○ 4.4 Indeterminate Forms and L'Hospital's Rule
  ○ 4.5 Summary of Curve Sketching
  ○ 4.7 Optimization Problems
  ○ 4.9 Antiderivatives

5 Integrals (Five Days)
  ○ 5.1 Areas and Distances
  ○ 5.2 The Definite Integral
  ○ 5.3 The Fundamental Theorem of Calculus
  ○ 5.4 Indefinite Integrals and the Net Change Theorem
  ○ 5.5 The Substitution Rule

6 Applications of Integration (Four Days)
  ○ 6.1 Areas between Curves
  ○ 6.2 Volume
  ○ 6.3 Volumes by Cylindrical shells (optional)
  ○ 6.4 Work (optional)
  ○ 6.5 Average value of function (optional)