

**Please Note:**

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**Publisher Resource:**

[College Board](#)

**Other Course Supplemental Resources:**

[For All Topics – Help Materials and Online Tutorials](#)

[For All Topics – AP Calculus AB Help \(Varsity Tutors\)](#)

[For All Topics – AP Calculus Notes and Videos \(WOWmath.org\)](#)

[For All Topics – Online Tutorials](#)

**Exam Practice:**

[AP Calculus AB Sample Questions](#)

[The AP Calculus AB Exam - AP Central](#)

[AP Calculus Questions with Answers \(Practice\)](#)

[Guide for AP Calculus AB-BC - Learnerator](#)

[AP Calculus Practice Question – Khan Academy](#)

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	Week	Major Concepts / Topics	Possible Resources
Quarter 1 Aug 12 – Oct 11	1 8/12 – 8/16	<ul style="list-style-type: none"> <li>• Chapter P – Preparation for Calculus</li> <li>• Lesson 3 – Functions and Their Graphs</li> <li>• Lesson 1.2 – Finding Limits Graphically and Numerically</li> </ul>	Finding Limits Graphically – <a href="#">Khan Academy</a>
	2 8/19 – 8/23	<ul style="list-style-type: none"> <li>• Lesson 1.3 – Evaluating Limits Analytically</li> <li>• Quiz</li> <li>• Lesson 1.4 – Continuity and One-Sided Limits</li> </ul>	Evaluating Limits Analytically – <a href="#">Khan Academy</a> One Sided Limits - <a href="#">Khan Academy</a>
	3 8/26 – 8/30	<ul style="list-style-type: none"> <li>• Lesson 1.4 – Continuity and One-Sided Limits</li> <li>• Lesson 1.5 – Infinite Limits</li> </ul>	One Sided Limits - <a href="#">Khan Academy</a> Indefinite Limits - <a href="#">Khan Academy</a>
	4 9/3 – 9/6	<ul style="list-style-type: none"> <li>• Quiz</li> <li>• Test Chapter 1</li> <li>• Lesson 2.1 – The Derivative and the Tangent Line Problem</li> </ul>	Derivative and Tangent Line Problem – <a href="#">Khan Academy</a>
	5 9/9 – 9/13	<ul style="list-style-type: none"> <li>• Lesson 2.1 – The Derivative and the Tangent Line Problem</li> <li>• Lesson 2.2 – Basic Differentiation Rules and Rates of Change</li> </ul>	Rules of Rates of Change – <a href="#">Khan Academy</a> Product Rule - <a href="#">Khan Academy</a> Quotient Rule - <a href="#">Khan Academy</a>
	6 9/16 – 9/20	<ul style="list-style-type: none"> <li>• Lesson 2.3 – Product and Quotient Rules and Higher-Order Derivatives</li> <li>• Quiz</li> <li>• Lesson 2.4 – The Chain Rule</li> </ul>	Chain Rule - <a href="#">Khan Academy</a>
	7 9/23 – 9/27	<ul style="list-style-type: none"> <li>• Lesson 2.4 – The Chain Rule</li> <li>• Lesson 2.5 – Implicit Differentiation</li> <li>• Quiz</li> </ul>	Chain Rule - <a href="#">Khan Academy</a> Implicit Differentiation - <a href="#">Khan Academy</a>
	8 9/30 – 10/4	<ul style="list-style-type: none"> <li>• Test Lessons 2.1 – 2.5</li> <li>• Lesson 2.6 – Related Rates and Project</li> </ul>	Related Rates - <a href="#">Khan Academy</a>
	9 10/7 – 10/11	<ul style="list-style-type: none"> <li>• Lesson 2.6 – Related Rates and Project</li> <li>• Quiz</li> <li>• Lesson 3.1 – Extrema on an Interval</li> </ul>	Extrema on an Interval - <a href="#">Khan Academy</a>

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Quarter 2 Oct 15 – Dec 20	1 10/15 – 10/18	<ul style="list-style-type: none"> <li>Lesson 3.2 – Rolle’s Theorem and the Mean Value Theorem</li> <li>Lesson 3.3 – Increasing and Decreasing Functions and the First Derivative Test</li> </ul>	Mean Value Theorem - <a href="#">Khan Academy</a> First Derivative Test - <a href="#">Khan Academy</a>
	2 10/21 – 10/25	<ul style="list-style-type: none"> <li>Lesson 3.4 – Concavity and the Second Derivative Test</li> <li>Lesson 3.5 – Limits at Infinity</li> </ul>	Second Derivative Test - <a href="#">Khan Academy</a>
	3 10/28 – 11/1	<ul style="list-style-type: none"> <li>Lesson 3.6 – A Summary of Curve Sketching</li> <li>Quiz</li> <li>Test Lessons 3.1 – 3.6</li> </ul>	Curve Sketching - <a href="#">Khan Academy</a>
	4 11/4 – 11/8	<ul style="list-style-type: none"> <li>Lesson 3.7 – Optimization Problems and Project</li> </ul>	Optimization - <a href="#">Khan Academy</a>
	5 11/12 – 11/15	<ul style="list-style-type: none"> <li>Lesson 3.9 – Differentials</li> <li>Lesson 4.1 – Antiderivatives and Indefinite Integration</li> </ul>	Indefinite Integrals - <a href="#">Khan Academy</a> Differentials - <a href="#">Khan Academy</a>
	6 11/18 – 11/22	<ul style="list-style-type: none"> <li>Lesson 4.1 – Antiderivatives and Indefinite Integration</li> <li>Lesson 4.2 – Area</li> <li>Lesson 4.3 – Riemann Sums and Definite Integrals</li> </ul>	Indefinite Integrals - <a href="#">Khan Academy</a> Riemann Sums - <a href="#">Khan Academy</a> Definite Integrals - <a href="#">Khan Academy</a>
	7 11/25 – 11/26	<ul style="list-style-type: none"> <li>Thanksgiving Packet</li> </ul>	
	8 12/2 – 12/6	<ul style="list-style-type: none"> <li>Lesson 4.3 – Riemann Sums and Definite Integrals</li> <li>Lesson 4.4 – The Fundamental Theorem of Calculus</li> </ul>	Riemann Sums - <a href="#">Khan Academy</a> Definite Integrals - <a href="#">Khan Academy</a> Fundamental Theorem of Calculus - <a href="#">Khan Academy</a>
	9 12/9 – 12/13	<ul style="list-style-type: none"> <li>Lesson 4.4 – The Fundamental Theorem of Calculus</li> <li>Test Lessons 4.1 – 4.4</li> <li>Holiday Packet</li> </ul>	Fundamental Theorem of Calculus - <a href="#">Khan Academy</a>
	10 12/16 – 12/20	<ul style="list-style-type: none"> <li>Holiday Packet and Exams</li> </ul>	

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Quarter 3 Jan 6 – Mar 12	1 1/6– 1/10	<ul style="list-style-type: none"> <li>Lesson 4.5 – Integration by Substitution</li> <li>Lesson 4.6 – Numerical Integration</li> </ul>	Integration by Substitution - <a href="#">Khan Academy</a>
	2 1/13 – 1/17	<ul style="list-style-type: none"> <li>Review</li> <li>Test Lessons 4.5 – 4.6</li> <li>Lesson 5.1 – The Natural Logarithmic Function: Differentiation</li> <li>Lesson 5.2 – The Natural Logarithmic Function: Integration</li> </ul>	Natural Logarithm Function: Integration - <a href="#">Khan Academy</a> Natural Logarithm Function: Differentiation - <a href="#">Khan Academy</a>
	3 1/21 – 1/24	<ul style="list-style-type: none"> <li>Lesson 5.2 – The Natural Logarithmic Function: Integration</li> <li>Lesson 5.3 – Inverse Functions</li> </ul>	Natural Logarithm Function: Integration - <a href="#">Khan Academy</a> Inverse Functions - <a href="#">Khan Academy</a>
	4 1/27 – 1/30	<ul style="list-style-type: none"> <li>Quiz</li> <li>Lesson 5.4 – Exponential Functions: Differentiation and Integration</li> </ul>	Exponential Functions - <a href="#">Khan Academy</a>
	5 2/3 – 2/7	<ul style="list-style-type: none"> <li>Lesson 5.5 – Bases Other Than <math>e</math> and Applications</li> <li>Quiz</li> <li>Test Lessons 5.1 – 5.5</li> </ul>	Bases Other Than $e$ - <a href="#">Khan Academy</a>
	6 2/10 – 2/14	<ul style="list-style-type: none"> <li>Lesson 5.6 – Inverse Trigonometric Function: Differentiation</li> <li>Lesson 5.7 – Inverse Trigonometric Functions: Integration</li> </ul>	Inverse Trigonometric Functions: Differentiation - <a href="#">Khan Academy</a>
	7 2/17 – 2/21	<ul style="list-style-type: none"> <li>Review</li> <li>Quiz</li> <li>Lesson 6.1 – Slope Fields and Euler’s Method</li> </ul>	Slope Fields - <a href="#">Khan Academy</a> Euler’s Method - <a href="#">Khan Academy</a>
	8 2/24 – 2/28	<ul style="list-style-type: none"> <li>Lesson 6.2 – Differential Equations: Growth and Decay</li> <li>Lesson 7.1 – Area of a Region Between Two Curves</li> </ul>	Area Between Two Curves - <a href="#">Khan Academy</a>
	9 3/2 – 3/6	<ul style="list-style-type: none"> <li>Lesson 7.2 – Volume: The Disk Method</li> <li>Review</li> </ul>	Volume: Disk Method - <a href="#">Khan Academy</a>
	10 3/9 – 3/12	<ul style="list-style-type: none"> <li>FRQ – Differential Equation</li> <li>Spring Break Packet</li> </ul>	

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Quarter 4 Mar 23 – May 27	1 3/16 – 3/20	<ul style="list-style-type: none"> <li>• <b>SPRING BREAK – NO SCHOOL</b></li> </ul>	
	2 3/23 – 3/27	<ul style="list-style-type: none"> <li>• Review</li> <li>• Test</li> <li>• AP Exam Prep</li> </ul>	FRQ Test Prep - <a href="#">Khan Academy</a>
	3 3/30 – 4/3	<ul style="list-style-type: none"> <li>• AP Exam Prep</li> </ul>	
	4 4/6 – 4/9	<ul style="list-style-type: none"> <li>• AP Exam Prep</li> </ul>	
	5 4/14 – 4/17	<ul style="list-style-type: none"> <li>• AP Exam Prep</li> </ul>	
	6 4/20 – 4/24	<ul style="list-style-type: none"> <li>• AP Exam Prep</li> </ul>	
	7 4/27 – 5/1	<ul style="list-style-type: none"> <li>• AP Exam Prep</li> </ul>	
	8 5/4 – 5/8	<ul style="list-style-type: none"> <li>• AP Exam Prep</li> <li>• <b>AP Exam – Tuesday, May 5, 2020 8:00 am</b></li> </ul>	
	9 5/11 – 5/15	<ul style="list-style-type: none"> <li>• Projects</li> </ul>	
	10 5/18 – 5/22	<ul style="list-style-type: none"> <li>• Projects</li> </ul>	
	11 5/25 – 5/27	<ul style="list-style-type: none"> <li>• Exams</li> </ul>	

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