

**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 10 – Oct 12	1 8/10	<ul style="list-style-type: none"> <li>Chapter P – Preparation for Calculus</li> <li>Lesson 3 – Functions and Their Graphs</li> </ul>	
	2 8/13 – 8/17	<ul style="list-style-type: none"> <li>Lesson 3 – Functions and Their Graphs</li> <li>Lesson 1.2 – Finding Limits Graphically and Numerically</li> <li>Lesson 1.3 – Evaluating Limits Analytically</li> </ul>	
	3 8/20 – 8/24	<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>	
	4 8/27 – 8/31	<ul style="list-style-type: none"> <li>Lesson 1.4 – Continuity and One-Sided Limits</li> <li>Lesson 1.5 – Infinite Limits</li> <li>Quiz</li> <li>Test Chapter 1</li> </ul>	
	5 9/3 – 9/7	<ul style="list-style-type: none"> <li>Lesson 2.1 – The Derivative and the Tangent Line Problem</li> </ul>	
	6 9/10 – 9/14	<ul style="list-style-type: none"> <li>Lesson 2.2 – Basic Differentiation Rules and Rates of Change</li> <li>Lesson 2.3 – Product and Quotient Rules and Higher-Order Derivatives</li> </ul>	
	7 9/17 – 9/21	<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>	
	8 9/24 – 9/28	<ul style="list-style-type: none"> <li>Lesson 2.5 – Implicit Differentiation</li> <li>Quiz</li> <li>Test Lessons 2.1 – 2.5</li> </ul>	
	9 10/1 – 10/5	<ul style="list-style-type: none"> <li>Lesson 2.6 – Related Rates and Project</li> </ul>	
	10 10/8 – 10/12	<ul style="list-style-type: none"> <li>Quiz</li> <li>Lesson 3.1 – Extrema on an Interval</li> <li>Lesson 3.2 – Rolle’s Theorem and the Mean Value Theorem</li> </ul>	

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Quarter 2 Oct 16 – Dec 21	1 10/16 – 10/19	<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>	
	2 10/22 – 10/26	<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>	
	3 10/29 – 11/2	<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>	
	4 11/5 – 11/9	<ul style="list-style-type: none"> <li>Lesson 3.7 – Optimization Problems and Project</li> </ul>	
	5 11/12 – 11/16	<ul style="list-style-type: none"> <li>Lesson 3.9 – Differentials</li> <li>Lesson 4.1 – Antiderivatives and Indefinite Integration</li> </ul>	
	6 11/19 – 11/20	<ul style="list-style-type: none"> <li>Thanksgiving Packet</li> </ul>	
	7 11/26 – 11/30	<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>	
	8 12/3 – 12/7	<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>	
	9 12/10 – 12/14	<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>	
	10 12/17 – 12/21	<ul style="list-style-type: none"> <li>Holiday Packet and Exams</li> </ul>	

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Quarter 3 Jan 7 – Mar 14	1 1/7– 1/11	<ul style="list-style-type: none"> <li>Lesson 4.5 – Integration by Substitution</li> <li>Lesson 4.6 – Numerical Integration</li> </ul>	
	2 1/14 – 1/18	<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>	
	3 1/21 – 1/25	<ul style="list-style-type: none"> <li>Lesson 5.2 – The Natural Logarithmic Function: Integration</li> <li>Lesson 5.3 – Inverse Functions</li> </ul>	
	4 1/28 – 2/1	<ul style="list-style-type: none"> <li>Quiz</li> <li>Lesson 5.4 – Exponential Functions: Differentiation and Integration</li> </ul>	
	5 2/4 – 2/8	<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>	
	6 2/11 – 2/15	<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>	
	7 2/18 – 2/22	<ul style="list-style-type: none"> <li>Review</li> <li>Quiz</li> <li>Lesson 6.1 – Slope Fields and Euler’s Method</li> </ul>	
	8 2/25 – 3/1	<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>	
	9 3/4 – 3/8	<ul style="list-style-type: none"> <li>Lesson 7.2 – Volume: The Disk Method</li> <li>Review</li> </ul>	
	10 3/11 – 3/14	<ul style="list-style-type: none"> <li>FRQ – Differential Equation</li> <li>Spring Break Packet</li> </ul>	

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Quarter 4 Mar 18 – May 24	1 3/18 – 3/22	<ul style="list-style-type: none"> <li>• <b>SPRING BREAK – NO SCHOOL</b></li> </ul>	
	2 3/25 – 3/29	<ul style="list-style-type: none"> <li>• Review</li> <li>• Test</li> <li>• AP Exam Prep</li> </ul>	
	3 4/1 – 4/5	<ul style="list-style-type: none"> <li>• AP Exam Prep</li> </ul>	
	4 4/8 – 4/12	<ul style="list-style-type: none"> <li>• AP Exam Prep</li> </ul>	
	5 4/15 – 4/19	<ul style="list-style-type: none"> <li>• AP Exam Prep</li> </ul>	
	6 4/22 – 4/26	<ul style="list-style-type: none"> <li>• AP Exam Prep</li> </ul>	
	7 4/29 – 5/3	<ul style="list-style-type: none"> <li>• AP Exam Prep</li> </ul>	
	8 5/6 – 5/10	<ul style="list-style-type: none"> <li>• AP Exam Prep</li> </ul>	
	9 5/13 – 5/17	<ul style="list-style-type: none"> <li>• AP Exam Prep</li> <li>• <b>AP Exam – Tuesday, May 14, 2019 8:00 am</b></li> <li>• Projects</li> </ul>	
	10 5/20 – 5/24	<ul style="list-style-type: none"> <li>• Projects</li> </ul>	

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