

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 13	1 8/10 - 8/11	<ul style="list-style-type: none"> • Chapter P – Preparation for Calculus • Lesson 3 – Functions and Their Graphs • Lesson 1.2 – Finding Limits Graphically and Numerically 	
	2 8/14 – 8/18	<ul style="list-style-type: none"> • Lesson 1.3 – Evaluating Limits Analytically • Quiz • Lesson 1.4 – Continuity and One-Sided Limits 	
	3 8/21 – 8/25	<ul style="list-style-type: none"> • Lesson 1.4 – Continuity and One-Sided Limits • Lesson 1.5 – Infinite Limits • Quiz 	
	4 8/28 – 9/1	<ul style="list-style-type: none"> • Test Chapter 1 • Lesson 2.1 – The Derivative and the Tangent Line Problem 	
	5 9/5 – 9/8	<ul style="list-style-type: none"> • Lesson 2.2 – Basic Differentiation Rules and Rates of Change • Lesson 2.3 – Product and Quotient Rules and Higher-Order Derivatives 	
	6 9/11 – 9/15	<ul style="list-style-type: none"> • Lesson 2.3 – Product and Quotient Rules and Higher-Order Derivatives • Quiz • Lesson 2.4 – The Chain Rule 	
	7 9/18 – 9/22	<ul style="list-style-type: none"> • Lesson 2.4 – The Chain Rule • Lesson 2.5 – Implicit Differentiation • Quiz and Test Lessons 2.1 – 2.5 	
	8 9/25 – 9/29	<ul style="list-style-type: none"> • Lesson 2.6 – Related Rates and Project 	
	9 10/2 – 10/6	<ul style="list-style-type: none"> • Quiz • Lesson 3.1 – Extrema on an Interval • Lesson 3.2 – Rolle’s Theorem and the Mean Value Theorem 	
	10 10/9 – 10/13	<ul style="list-style-type: none"> • Lesson 3.2 – Rolle’s Theorem and the Mean Value Theorem • Quiz • Lesson 3.3 – Increasing and Decreasing Functions and the First Derivative Test 	

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AP Calculus

2017 – 2018

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Quarter 2 Oct 17 – Dec 21	1 10/17 – 10/20	<ul style="list-style-type: none"> • Lesson 3.4 – Concavity and the Second Derivative Test • Lesson 3.5 – Limits at Infinity 	
	2 10/23 – 10/27	<ul style="list-style-type: none"> • Lesson 3.5 – Limits at Infinity • Lesson 3.6 – A Summary of Curve Sketching • Quiz and Test Lessons 3.1 – 3.6 	
	3 10/30 – 11/3	<ul style="list-style-type: none"> • Lesson 3.7 – Optimization Problems and Project 	
	4 11/6 – 11/9	<ul style="list-style-type: none"> • Lesson 3.7 – Optimization Problems • Project • Lesson 3.9 – Differentials • Lesson 4.1 – Antiderivatives and Indefinite Integration 	
	5 11/13 – 11/17	<ul style="list-style-type: none"> • Lesson 4.1 – Antiderivatives and Indefinite Integration and Lesson 4.2 – Area 	
	6 11/20 – 11/21	<ul style="list-style-type: none"> • Thanksgiving Packet 	
	7 11/27 – 12/1	<ul style="list-style-type: none"> • Lesson 4.3 – Riemann Sums and Definite Integrals and Lesson 4.4 – The Fundamental Theorem of Calculus 	
	8 12/4 – 12/8	<ul style="list-style-type: none"> • Lesson 4.4 – The Fundamental Theorem of Calculus • Test Lessons 4.1 – 4.4 and Holiday Packet 	
	9 12/11 – 12/15	<ul style="list-style-type: none"> • Holiday Packet and Exams 	
	10 12/18 – 12/21	<ul style="list-style-type: none"> • Holiday Packet and Exams 	

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2017 – 2018

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Quarter 3 Jan 8 – Mar 15	1 1/8 – 1/12	<ul style="list-style-type: none"> Lesson 4.5 – Integration by Substitution 	
	2 1/16 – 1/19	<ul style="list-style-type: none"> Lesson 4.5 – Integration by Substitution Lesson 4.6 – Numerical Integration Test Lessons 4.5 – 4.6 Lesson 5.1 – The Natural Logarithmic Function: Differentiation 	
	3 1/22 – 1/26	<ul style="list-style-type: none"> Lesson 5.1 – The Natural Logarithmic Function: Differentiation Lesson 5.2 – The Natural Logarithmic Function: Integration Lesson 5.3 – Inverse Functions 	
	4 1/30 – 2/2	<ul style="list-style-type: none"> Lesson 5.3 – Inverse Functions Quiz Lesson 5.4 – Exponential Functions: Differentiation and Integration 	
	5 2/5 – 2/9	<ul style="list-style-type: none"> Lesson 5.4 – Exponential Functions: Differentiation and Integration Lesson 5.5 – Bases Other Than e and Applications 	
	6 2/12 – 2/16	<ul style="list-style-type: none"> Lesson 5.5 – Bases Other Than e and Applications Quiz Test Lessons 5.1 – 5.5 Lesson 5.6 – Inverse Trigonometric Function: Differentiation 	
	7 2/20 – 2/23	<ul style="list-style-type: none"> Lesson 5.6 – Inverse Trigonometric Function: Differentiation Lesson 5.7 – Inverse Trigonometric Functions: Integration 	
	8 2/26 – 3/2	<ul style="list-style-type: none"> Quiz Lesson 6.1 – Slope Fields and Euler’s Method Lesson 6.2 – Differential Equations: Growth and Decay 	
	9 3/5 – 3/9	<ul style="list-style-type: none"> Lesson 6.2 – Differential Equations: Growth and Decay Lesson 7.1 – Area of a Region Between Two Curves Lesson 7.2 – Volume: The Disk Method 	
	10 3/12 – 3/15	<ul style="list-style-type: none"> Lesson 7.2 – Volume: The Disk Method FRQ – Differential Equation 	

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2017 – 2018

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Quarter 4 Mar 19 – May 24	1 3/19 – 3/23	<ul style="list-style-type: none"> Spring Break Packet 	
	2 3/26 – 3/30	<ul style="list-style-type: none"> SPRING BREAK – NO SCHOOL 	
	3 4/2 – 4/6	<ul style="list-style-type: none"> Test and Exam Prep 	
	4 4/9 – 4/13	<ul style="list-style-type: none"> Exam Prep 	
	5 4/16 – 4/20	<ul style="list-style-type: none"> Exam Prep 	
	6 4/23 – 4/27	<ul style="list-style-type: none"> Exam Prep 	
	7 4/30 – 5/4	<ul style="list-style-type: none"> Exam Prep 	
	8 5/7 – 5/11	<ul style="list-style-type: none"> AP Exam – Thursday, May 5, 2016 	
	9 5/14 – 5/18	<ul style="list-style-type: none"> Projects 	
	10 5/21 – 5/24	<ul style="list-style-type: none"> Projects 	

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