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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

	Week	Major Concepts / Topics	Possible Resources
Quarter 1 Aug 10 – Oct 9	1 8/10 – 8/14	• Chapter P – Preparation for Calculus • Lesson 3 – Functions and Their Graphs • Lesson 1.2 – Finding Limits Graphically and Numerically	Finding Limits Graphically – Khan Academy
	2 8/17 – 8/21	• Lesson 1.3 – Evaluating Limits Analytically • Quiz • Lesson 1.4 – Continuity and One-Sided Limits	Evaluating Limits Analytically – Khan Academy One Sided Limits - Khan Academy
	3 8/24 – 8/28	• Lesson 1.4 – Continuity and One-Sided Limits • Lesson 1.5 – Infinite Limits	One Sided Limits - Khan Academy Indefinite Limits - Khan Academy
	4 8/31 – 9/4	• Quiz • Test Chapter 1 • Lesson 2.1 – The Derivative and the Tangent Line Problem	Derivative and Tangent Line Problem – Khan Academy
	5 9/7 – 9/11	• Labor Day Holiday – 9/7 • Lesson 2.1 – The Derivative and the Tangent Line Problem • Lesson 2.2 – Basic Differentiation Rules and Rates of Change	Rules of Rates of Change – Khan Academy Product Rule - Khan Academy Quotient Rule - Khan Academy
	6 9/14 – 9/18	• Lesson 2.3 – Product and Quotient Rules and Higher-Order Derivatives • Quiz • Lesson 2.4 – The Chain Rule	Chain Rule - Khan Academy
	7 9/21 – 9/25	• Lesson 2.4 – The Chain Rule • Lesson 2.5 – Implicit Differentiation • Quiz	Chain Rule - Khan Academy Implicit Differentiation - Khan Academy
	8 9/28 – 10/2	• Test Lessons 2.1 – 2.5 • Lesson 2.6 – Related Rates and Project	Related Rates - Khan Academy
	9 10/5 – 10/9	• Lesson 2.6 – Related Rates and Project • Quiz • Lesson 3.1 – Extrema on an Interval	Extrema on an Interval - Khan Academy

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Quarter 2 Oct 12 – Dec 18	1 10/12 – 10/16	• Teacher Planning Day 10/12 • PSAT 10/14 • Lesson 3.2 – Rolle's Theorem and the Mean Value Theorem • Lesson 3.3 – Increasing and Decreasing Functions and the First Derivative Test	Mean Value Theorem - Khan Academy First Derivative Test - Khan Academy
	2 10/19 – 10/23	• Lesson 3.4 – Concavity and the Second Derivative Test • Lesson 3.5 – Limits at Infinity	Second Derivative Test - Khan Academy
	3 10/26 – 10/30	• Lesson 3.6 – A Summary of Curve Sketching • Quiz • Test Lessons 3.1 – 3.6	Curve Sketching - Khan Academy
	4 11/2 – 11/6	• Lesson 3.7 – Optimization Problems and Project	Optimization - Khan Academy
	5 11/9 – 11/13	• Veterans Day 11/11 • Lesson 3.9 – Differentials • Lesson 4.1 – Antiderivatives and Indefinite Integration	Indefinite Integrals - Khan Academy Differentials - Khan Academy
	6 11/16 – 11/20	• Lesson 4.1 – Antiderivatives and Indefinite Integration • Lesson 4.2 – Area • Lesson 4.3 – Riemann Sums and Definite Integrals	Indefinite Integrals - Khan Academy Riemann Sums - Khan Academy Definite Integrals - Khan Academy
	7 11/23 – 11/24	• Thanksgiving Packet • Thanksgiving Holiday 11/25 - 11/27	
	8 11/30 – 12/4	• Lesson 4.3 – Riemann Sums and Definite Integrals • Lesson 4.4 – The Fundamental Theorem of Calculus	Riemann Sums - Khan Academy Definite Integrals - Khan Academy Fundamental Theorem of Calculus - Khan Academy
	9 12/7 – 12/11	• Lesson 4.4 – The Fundamental Theorem of Calculus • Test Lessons 4.1 – 4.4 • Holiday Packet	Fundamental Theorem of Calculus - Khan Academy
	10 12/14 – 12/18	• Holiday Packet and Midterm Exams	

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Advanced Placement Calculus AB   2020-2021

	Week	Major Concepts / Topics	Possible Resources
Quarter 3 Jan 5 – Mar 11	1 1/5– 1/8	• Lesson 4.5 – Integration by Substitution • Lesson 4.6 – Numerical Integration	Integration by Substitution - Khan Academy
	2 1/11 – 1/15	• Review • Test Lessons 4.5 – 4.6 • Lesson 5.1 – The Natural Logarithmic Function: Differentiation • Lesson 5.2 – The Natural Logarithmic Function: Integration	Natural Logarithm Function: Integration - Khan Academy Natural Logarithm Function: Differentiation - Khan Academy
	3 1/18 – 1/22	• Martin Luther King Jr. Holiday 1/18 • Lesson 5.2 – The Natural Logarithmic Function: Integration • Lesson 5.3 – Inverse Functions	Natural Logarithm Function: Integration - Khan Academy Inverse Functions - Khan Academy
	4 1/25 – 1/29	• Quiz • Lesson 5.4 – Exponential Functions: Differentiation and Integration • Teacher Inservice 1/29	Exponential Functions - Khan Academy
	5 2/1 – 2/5	• Lesson 5.5 – Bases Other Than e and Applications • Quiz • Test Lessons 5.1 – 5.5	Bases Other Than e - Khan Academy
	6 2/8 – 2/12	• Lesson 5.6 – Inverse Trigonometric Function: Differentiation • Lesson 5.7 – Inverse Trigonometric Functions: Integration	Inverse Trigonometric Functions: Differentiation - Khan Academy
	7 2/15 – 2/19	• Presidents Day Holiday 2/15 • Review • Quiz • Lesson 6.1 – Slope Fields and Euler's Method	Slope Fields - Khan Academy Euler's Method - Khan Academy
	8 2/22 – 2/26	• Lesson 6.2 – Differential Equations: Growth and Decay • Lesson 7.1 – Area of a Region Between Two Curves	Area Between Two Curves - Khan Academy
	9 3/1 – 3/5	• Lesson 7.2 – Volume: The Disk Method • Review	Volume: Disk Method - Khan Academy
	10 3/8 – 3/11	• FRQ – Differential Equation • Spring Break Packet	

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Advanced Placement Calculus AB   2020-2021

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Quarter 4 Mar 15 – May 25	1 3/15 – 3/19	• **SPRING BREAK – NO SCHOOL**	
	2 3/22 – 3/26	• Review • Test • AP Exam Prep	FRQ Test Prep - Khan Academy
	3 3/29 – 4/2	• AP Exam Prep • Holiday 4/2	
	4 4/5 – 4/9	• AP Exam Prep	
	5 4/12 – 4/16	• AP Exam Prep	
	6 4/19 – 4/23	• AP Exam Prep	
	7 4/26 – 4/30	• AP Exam Prep	
	8 5/3 – 5/7	• AP Exam Prep • **AP Exam – Tuesday, May 4, 2021 8:00 am**	
	9 5/10 – 5/14	• Projects	
	10 5/17 – 5/21	• Projects	
	11 5/24 – 5/25	• Final Exams	

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