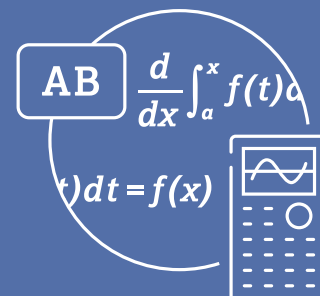


AP CALCULUS AB

AP[®] Daily: Live Review

AP Daily: Live Review is a series of livestreamed sessions on YouTube, hosted by AP teachers from across the country, that help students prepare for this year's AP Exams. Recordings of each session will be available on YouTube and on AP Classroom for students to watch on demand if they can't join live.

AP Teachers: Virge Cornelius & Mark Kiraly



The [AP Calculus AB Course and Exam](#)

[Description](#) is the core document for an AP course. It clearly lays out course content and skills and describes the exam and AP Program in general.



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Session	Session Title	Session Description	Topics	Skills
1 MONDAY 4/19/2021	Understanding Derivatives & Chain Rule	In this video, we will do multiple-choice and free-response practice of derivative rules and properties, with verbal, graphical, tabular, and numerical representations.	2.1 2.3 2.5–2.10 3.1–3.3	1.C 2.B 1.D 3.G 1.E
2 TUESDAY 4/20/2021	Contextual & Analytical Applications of the Derivative	In this video, we will practice contextual applications of the derivative and analytical applications of the derivative through multiple-choice and free-response questions.	3.6 4.1–4.3 4.5–4.6 5.3–5.4 5.6–5.7 5.9 5.11	1.D 2.D 1.E 2.E 1.F 3.D 2.A 3.F
3 WEDNESDAY 4/21/2021	How to Find Limits & Continuity	In this video, we will examine problems that address asymptotic behavior; limit definitions of the derivative, continuity, and differentiability; limit summation notation; and L'Hospital's Rule.	1.3–1.6 1.9–1.11 1.13–1.14 2.2 2.4 4.7 6.3	1.C 3.B 1.D 3.C 1.E 3.D 2.B 3.E 2.C 4.C

Session	Session Title	Session Description	Topics	Skills
4 THURSDAY 4/22/2021	Integrals & the Fundamental Theorem of Calculus	In this video, we will examine multiple-choice and free-response problems involving antiderivative rules, indefinite integrals, and definite integrals.	6.2 6.4–6.10 6.14 8.1	1.C 2.D 1.D 3.D 1.E 4.C 1.F
5 MONDAY 4/26/2021	Understanding the Big Theorems Including IVT, EVT, & MVT	In this video, we will explore multiple-choice and free-response problems involving the Intermediate Value, Squeeze, Extreme Value, and Mean Value Theorems, as well as the Fundamental Theorem of Calculus.	1.8 1.16 5.1–5.2 5.5 6.4 6.7	1.D 3.D 1.E 3.E 3.C
6 TUESDAY 4/27/2021	Application of Integrals (Part 1)	In this video, we will discuss multiple-choice and free-response questions involving particle motions, differential equations, and the accumulation model of the FTC.	5.12 7.1–7.4 7.6–7.8 8.2–8.3	1.D 3.D 1.E 3.E 2.A 3.G 2.C 4.D
7 WEDNESDAY 4/28/2021	Applications of Integrals (Part 2)	In this video, we will discuss multiple-choice and free-response questions that address area bounded by curves, volume with cross sections, and rate in/rate out applications.	8.3–8.12	1.E 3.D 2.A 4.C 2.B 4.E 2.D
8 THURSDAY 4/29/2021	Reviewing Multiple-Choice & Free-Response Questions	In this video, we will do an overarching review of a variety of multiple-choice and free-response questions in preparation for the AP Calculus AB Exam.	3.5 6.14	1.C 2.A 1.D



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