

AP Calculus AB Exam Preparation Curriculum

INTERNATIONAL ACADEMY OF SCIENCE AP Calculus AB Exam Prep Course Curriculum

Lecture Description

- 1 AP Exam/Derivatives (Chain Rule; Quotient Rule)
- 2 Equation of Tangent Line/Implicit Differential
- 3 Antidifferentiation
- 4 Antidifferentiation (u-substitution)
- 5 Limits
- 6 1st Derivative Analysis
- 7 f' and f'' Analysis Part I
- 8 f' and f'' Analysis Part II
- 9 Continuity and Differentiability
- 10 Related Rates
- 11 f' and f'' Analysis Part III
- 12 More on f' and f''
- 13 Fundamental Theorems of Calculus (I and II)
- 14 Position, Velocity, Acceleration, Speed
- 15 Inverse Functions/Chain Rule
- 16 Average Value
- 17 Definite Integrals/FTC I
- 18 Volumes of Solids
- 19 Differential Equations
- 20 Area Approximations
- 21 MVT, EVT, IVT
- 22 Free Response/Area and Volume
- 23 Fundamental Theorem of Calculus
- 24 Multiple Rep. of Functions Information Given as a Table (Data)
- 25 Implicit Differentiation/apcentral.com Released Questions
- 26 FTC I & II, g , g' , g''
- 27 Differential Equations/Slope Fields