



Build skills, raise grades, and gain confidence

## MP 70: AP Calculus

**Analytical Thinking. Mathematical Precision. College-Level Mastery.**

AP Calculus develops advanced problem-solving skills and prepares students for college-level mathematics, engineering, economics, and science. At Elevate Learning, our AP Calculus tutoring goes beyond memorizing formulas. We focus on deep conceptual understanding, real-world applications, and exam-level strategy.

Each student begins with a diagnostic assessment to evaluate strengths and gaps. We then create a customized learning plan aligned with College Board standards to maximize both understanding and AP exam performance.

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### What Your Student Will Learn

- Limits and continuity
- Derivatives and differentiation techniques
- Applications of derivatives (optimization, related rates, motion)
- Integrals and accumulation
- Applications of integrals (area, volume, physics-based modeling)
- Fundamental Theorem of Calculus
- Differential equations (AB)
- Advanced integration techniques and series (BC)

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### How We Teach

- Concept-first instruction (why before how)
- Step-by-step problem breakdowns

- AP-style free-response practice
  - Graphical, numerical, and analytical connections
  - Timed exam simulations
  - Ongoing progress tracking and score benchmarking
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### **What Students Gain**

- Strong AP exam performance
  - College readiness in STEM fields
  - Advanced analytical reasoning skills
  - Confidence solving multi-step problems
  - Preparation for Calculus II and higher-level mathematics
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### **Who This Program Is For**

- High school students enrolled in AP Calculus AB or BC
  - Students preparing for the AP exam
  - STEM-bound students (engineering, physics, computer science, economics)
  - High-achieving students seeking academic distinction
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### **Program Format**

- One-on-one private tutoring
- Small group AP prep sessions
- Online & in-person options
- Flexible scheduling