



## Curriculum Overview

### Math AP Calculus

Instruction in Amherst County Public Schools is guided by the [Virginia Standards of Learning \(SOL\)](#). The standards describe the commonwealth's expectations for student learning and achievement.

#### Advanced Placement Program (AP):

*The Advanced Placement® Program (AP) enables willing and academically prepared students to pursue college-level studies while still in high school. The AP Program develops college-level courses that high schools can choose to offer and corresponding AP Exams that are administered once a year. The AP Program supplies a detailed set of expectations about what content a college-level course in that subject should cover.*

- AP Calculus AB Course Overview [PDF](#)
- AP Calculus AB/BC Course At a Glance [PDF](#)
- AP Calculus AB and BC Course and Exam Description [PDF](#)
- [DESMOS High School: Graphing Calculator](#)

While the standards are organized by strand and identified numerically, ACPS pacing guides determine the instructional sequence of the content and high-quality instructional materials (HQIM) to support teachers in implementing effective instruction.

**Dashboard:** [ACPS Math Dashboard](#)

**Pacing Guide:** [ACPS Pacing Guide Math AP Calculus \(AB\)](#)

**Textbook/HQIM:** Calculus of a Single Variable Early Transcendental Functions, 5th Edition, Larson/Edwards

The AP Course Syllabus serves to furnish educators with a thorough comprehension of each Advanced Placement standard, furnishing insights into the standards, vital concepts, crucial terminology, interrelated standards, and assessment details indispensable for effective instruction and curriculum structuring.

#### Syllabus:

- VVA AP Calculus AB Course Syllabus [Word](#)