

AP® Calculus AB 2026.27



Instructor: Mrs. Shawn Allen

Email: shawn.allen@scholarsguild.net

Extended Session (Required): August 6, 2026 / December 10, 2026 / January 7, 2027

Supply Fee: \$75 (Due May 5, 2026) *This includes a subscription to Cool Math Guy videos

Prerequisite: Precalculus and/or placement exam. Students must have a 3.25 GPA and obtain administrative approval for acceptance into Advanced Placement courses.

Minimum Class Size: 4

Monthly Tuition - \$65 / month

(9 equal payments August - April)

Total Yearly Tuition - \$585

Course Description

This course provides AP® level instruction in Calculus. The intent of this course is to instill a love for and competence in Calculus that will serve the student well for any further study in mathematics. Students will participate in weekly class time, watch online videos, and practice concepts daily using a highly respected text. Class time will be used to introduce new concepts, give demonstrations, perform examples, and answer questions. The major topics of this course are limits, derivatives, integrals, and the Fundamental Theorem of Calculus. AP® Calculus is a one-year course designed for strong math students who have completed Precalculus. Students have the option to take the AP® exam when the 2027 dates are announced. They are usually scheduled the first two weeks of May.

Primary Course Text

Calculus of a Single Variable, 9th Edition by Larson and Edwards (Cengage Learning, 2008)
ISBN-13: 978-0547209982

Additional Required Resources

Student Solutions Manual, *Volume 1 for Larson / Edwards' Calculus, 9th Edition* by Larson (Cengage Learning, 2008) ISBN-13: 978-0547213095

*Online Instructional Videos by Dana Mosely included with supply fee
Internet Access is required for viewing online videos

Supplies

- Spiral bound graph ruled notebook (ex. Five Star Spiral Graph Ruled Notebook)
- Graphing Calculator: TI-84 Plus or TI-84 Silver

Course Expectations

The College Board suggests that students may need to spend up to 10 hours per week on Calculus outside of class. To be truly successful you need to be spending at least an hour a day on mathematics. Often, it may take more. Like exercise, Calculus does not lend itself well to doing it all in one session. To gain real strength, it is something you build upon daily. This time outside of class will involve watching each assigned video, doing the assigned homework, and contacting the instructor with any questions.

Homework will be done in a spiral-bound, graph-ruled notebook. Homework must be done neatly, and all work must be shown. Homework will be uploaded weekly to Google Classroom.

Taking the AP[®] exam is encouraged, but not required. The AP[®] Calculus AB exam is usually scheduled during the first two weeks of May. Students will need to make arrangements with instructors of their other SGA classes if this is a normal class day.

Assessments

Homework 20%, Quizzes 20%, Tests 50%, Final 10%

Summer Assignments

Assignments start two weeks before class begins in August. There will be extra credit opportunities in July.

Teacher Responsibility

The instructor will provide weekly in-class lectures covering the course material. Sample problems will be performed, questions will be answered, and homework problems will be reviewed as needed. The instructor will be available by email to respond to any questions.

Student Responsibility

Students will be required to watch videos and do the homework daily, as assigned, and upload those assignments to Google Classroom. Students are responsible for communicating any lack of understanding to the teacher immediately so that it can be addressed and the student can continue moving forward.

Parent Responsibility

Parents are responsible for providing internet access to Cool Math Guy, Google Classroom, and FACTS for their student. Test proctoring will be required. Parents are also required to communicate with the teacher if they see signs of the student struggling or taking an exorbitant amount of time to complete assignments