

AP Precalculus Application

The Advanced Placement (AP) Program in Precalculus offers students the opportunity to take a college-level mathematics course while still in high school. This rigorous program not only prepares students for higher-level math but also provides an excellent way to stand out among peers and impress colleges.

AP Precalculus is the **most natural progression** for students coming from **Algebra 2 Honors** and has a **very high success rate** compared to many other AP courses. Students can earn **up to 6 college credit hours** by taking this course and scoring well on the AP exam. This is significantly more than the **3 credit hours** offered by **AP Statistics**. For comparison, **AP Calculus AB** earns **4 credit hours**, and **AP Calculus BC** provides an additional **4 hours**, totaling **8 credit hours**.

Before enrolling, students and parents must carefully review the course expectations outlined below. Both the student and a parent or guardian must sign this application, acknowledging their understanding and commitment, by **March 7, 2025**.

Course Expectations

1. Homework, Pace, and Grading:

- **Pacing:** The College Board sets the AP curriculum nationally, ensuring all courses meet college-level standards. This means the course pace cannot be adjusted.
- **Homework:** Students should expect an average of **30 minutes of homework per night**.
- **Class Attendance:** Regular attendance is crucial for success.
- **Balancing Commitments:** Students involved in many extracurricular activities or part-time jobs may find it challenging to keep up with the workload. It is also essential to consider the difficulty of other courses.
- **Timely Completion:** Homework must be completed on the day it is assigned. Limited time will be available to review homework questions in class, so students needing further help should schedule a time to meet with me.
- **Quizzes:** Frequent quizzes will test problem-solving, definitions, and conceptual understanding. These will be announced in advance.
- **Tests:** Tests are typically challenging and may take two class periods to complete. Most tests will have a **Non-Calculator Section** and a **Calculator Section**.

2. AP Exam Requirements:

- **Mandatory Exam:** All students enrolled in AP Precalculus are required to take the AP exam, which occurs nationwide in early May.
- **Preparedness:** All course content must be covered by the exam date. Staying on track is critical.

- **No Formula Sheet:** Students must memorize and fully understand all techniques, formulas, and rules, as no formula sheet will be provided during the AP exam.

3. Calculators:

- Students must have a **TI-83** or higher graphing calculator. Many problems on homework, tests, and the AP exam require a graphing calculator.
- I will use a **TI-84 Plus C Silver Edition** during instruction.
- Students may also use a **TI-nspire** but will need to learn some of the programs independently.

Acknowledgment and Commitment

By signing below, the student and parent/guardian confirm their understanding of the expectations and their commitment to the effort required for success in AP Precalculus.

Student Name (Print): _____

Student Signature: _____ **Date:** _____

Parent/Guardian Signature: _____ **Date:** _____

Additional Information:

- **Concurrent Enrollment:** Please list any other AP or Dual Enrollment (DE) courses you will be taking:

- **Algebra II Grades:** Please list your grades for Algebra II:

1st Quarter: _____

2nd Quarter: _____

3rd Quarter: _____