

Pre-Calculus: This course takes the algebra and geometry you've learned and transforms them into tools for understanding patterns, motion, growth, and the world around you. In Pre-Calculus, you'll explore big ideas like functions, trigonometry, limits, and mathematical modeling—ideas that power fields such as engineering, architecture, physics, computer graphics, medicine, business, and even music and art.

AP Statistics: AP Statistics is more than a math class—it's a new way to understand the world. From predicting weather to analyzing sports strategies to spotting trends on social media, everything uses data. In this course, you'll learn how to collect, analyze, and interpret data so you can make informed, real-world decisions. Through hands-on investigations and simulations, you'll see how statistics helps us understand uncertainty and draw meaningful conclusions. Whether you're interested in STEM, business, psychology, sports analytics, or just curious about how decisions get made, AP Statistics gives you tools you'll use long after high school.

Intro to College Mathematics: Intro to College Mathematics is designed to give you the confidence and skills you need for math classes you'll take after high school. This course reviews and strengthens essential topics—like algebra, functions, probability, and statistics—while introducing new ideas you'll see in college-level math. This course is perfect for students who want to strengthen their math foundation, build confidence, and prepare for success in college-level quantitative reasoning courses.

AP Calculus AB: AP Calculus AB is where math becomes powerful, visual, and unbelievably useful. This course takes everything you've learned so far and launches it into a new level—one where you can analyze motion, predict change, model real-world systems, and finally understand why so many things in science, engineering, economics, and technology work the way they do. In AP Calculus, you'll explore big ideas like limits, derivatives, integrals, and mathematical modeling—the same tools used to design roller coasters, build animations in movies and video games, create medical models, optimize business decisions, and understand the physics behind almost everything that moves.

AP Calculus BC: AP Calculus BC is the course for students who want to push their math skills to the highest level in high school. Building on everything from Pre-Calculus (and AB), this class dives deeper into the ideas of change, motion, and accumulation—giving you powerful tools used in engineering, physics, economics, computer science, and beyond. If you love a challenge, enjoy problem-solving, or want a true college-level math experience, BC is your chance to stretch your thinking and open doors.