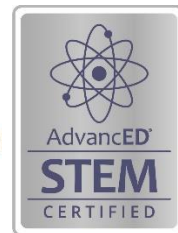




The Academy of Mathematics, Science, & Technology at Kennesaw Mountain High School



• KMHS Magnet Profile •

• More than Classroom Success •

To prepare for college and beyond, students become involved in a wide-variety of extracurricular activities. Look on a field, in the theater, or anywhere on school grounds and you will find these active students! Additionally, these dedicated students give back to the community through a wide variety of service activities.



23^{AP®}

courses
offered!



678.331.3954

• Overview •

The Academy of Mathematics, Science, & Technology at Kennesaw Mountain High School is a Georgia STEM Certified and AdvancEd STEM Certified program. Students enter the Academy as freshmen through a competitive application process and progress through the coursework at an accelerated rate so that they can participate in courses beyond those found in traditional high schools. Freshmen complete cross-curricular literature reviews, compete in Inventure Challenge, and earn Microsoft Specialist (MOS) Certification. All of this is to prepare for the rigorous coursework to come. Students must complete a minimum of 11 honors/AP[®] math and science courses and a minimum of eight AP[®] courses as part of the program. However, many students complete more than required as they prepare for the senior year Scientific Research and off-site 13-week Internship program in preparation for college and beyond.



• Mathematics •



- Honors: Geometry, Algebra II, Accelerated Analytic Geometry B/Advanced Algebra, Accelerated Pre-Calculus
- AP[®]: AP Statistics, AP Calculus AB, AP Calculus BC
- Post AP: Multivariable Calculus, Differential Equations
- Distance Learning: GA Tech Calculus

• Research and Internship •



The required capstone for seniors is a field experience/internship with a local institution of higher learning, professional group, or business. This experience is combined with scientific research. Additionally, seniors gain insight into future careers while learning valuable networking skills.



• Science •



- Honors: Magnet Biology, Magnet Chemistry, Honors Anatomy/Physiology, Honors Astronomy, Honors Biochemistry, Honors Zoology
- AP[®]: AP Biology, AP Chemistry, AP Environmental Science, AP Physics 1, AP Physics C Mechanics
- Advanced Genetics/DNA Research, Chemical Materials Science Engineering, Advanced Scientific Research, Advanced Scientific Internship
- Computer Science: AP Computer Science Principles, AP Computer Science A
- Triple Play: Integrated Honors Anatomy, AP Biology, and Advanced Genetics/DNA Research