



**MRS. ERIN HANNA**  
MATHEMATICS FACULTY



# MATHEMATICS

Courses in the Math Department teach students everything from algebra to advanced calculus, as well as computer programming. The course sequence has been designed to help students from a wide variety of backgrounds achieve their goals.

*"Math is a subject that often takes students out of their academic comfort zones. In this struggle, I enjoy seeing my students develop the ability to think critically and apply themselves to new concepts, especially in a group setting. Enhancing the skill of working together to tackle a problem is something we all use on a daily basis."*

**-RODNEY GALLAWAY**  
MATHEMATICS FACULTY

## OUR CLASSES:

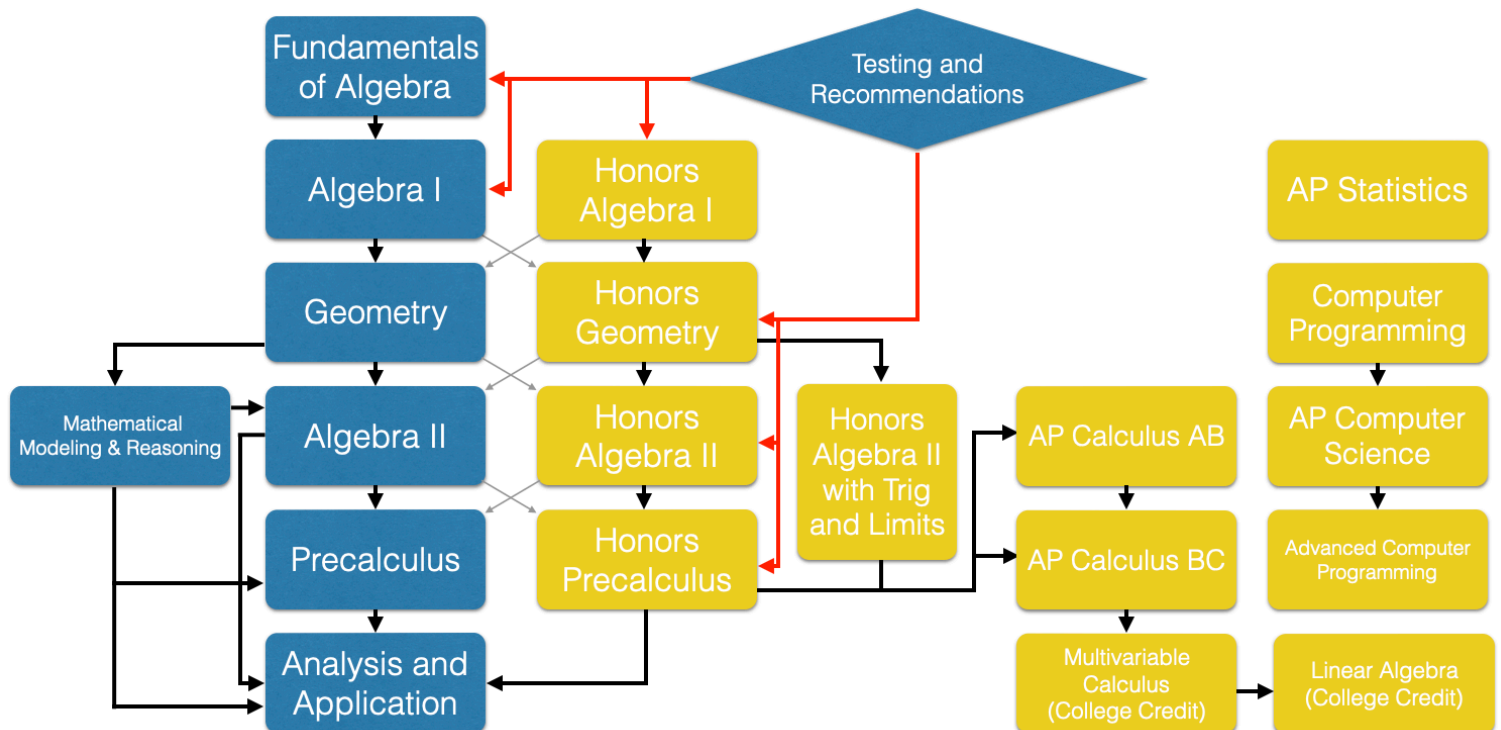
- Fundamentals of Algebra
- Algebra I
- Honors Algebra I
- Geometry
- Honors Geometry
- Algebra II
- Honors Algebra II
- Honors Algebra II Trig with Limits
- Precalculus
- Mathematics Modeling & Reasoning
- Honors Precalculus
- Analysis and Application
- AP Statistics
- Computer Programming
- Advanced Computer Programming
- AP Computer Science
- AP Calculus AB
- AP Calculus BC
- Multivariable Calculus
- Linear Algebra



# MATHEMATICS DEPARTMENT

We strive to help students develop the critical thinking skills essential not only for questions they will find on a geometry exam, SAT, or AP test, but we also want them to analyze complex situations in financial markets, a chemistry lab, or a moral dilemma. We believe that math applies to all avenues of a young man's future not because he will need to compute sums and products, but because he will need to organize, process, conclude, and evaluate countless times along his journey--indeed, countless times each day! Here are a few highlights of our program:

- ◆ Multiple resources for one-on-one tutoring with faculty members and peer tutors. Full time tutors are available to work with struggling students. In addition, courses have specially-developed sections to accommodate struggling students.
- ◆ Our faculty emphasizes a combination of critical thinking skills and communication. Communication is one of the most vital 21st century skills.
- ◆ Students use BYOT devices to interact with innovative tools and dynamic geometry software to develop and discover concepts.
- ◆ Four AP courses and two College Credit Plus course offer students a chance to earn college credit.
- ◆ Our 8th grade algebra program offers Catholic grade school boys and girls the chance to take high school algebra in a high school classroom every school day.



MATHEMATICS DEPARTMENT

Our course map shows the many pathways students may choose during their four years. With multiple entry points and opportunities for acceleration, students benefit from great flexibility to make changes as their goals and interests develop.