



# THE MATH PROGRAM

## AT ST. JOSEPH'S ACADEMY

### FREQUENTLY ASKED QUESTIONS

#### Do all freshmen take the same math course?

Freshmen take Algebra I, Algebra I Accelerated, or Honors Geometry. Occasionally a freshman, who has taken both Algebra 1 and Geometry in middle school, takes Honors Algebra II. Algebra IE is a course designed for students who have had substantial experience in Algebra but not enough to place out of the course.

#### If a student has studied Algebra in the eighth grade, does she qualify to take Honors Geometry as a freshman?

All freshman entering the Academy will take a placement test in February to determine which of the following courses is most appropriate for her: Algebra I, Algebra I Accelerated, or Honors Geometry. Any student who tests into Honors Geometry will be required to complete a summer math packet.

#### Is it possible for a student who began with Algebra I to accelerate to college-level classes?

With department approval, a strong student in mathematics can follow the Honors math program, allowing for the opportunity to take our highest math classes.



#### Can the student get college credit for any of the high-school math courses she takes?

Yes, college credit for a full-year course in AP Calculus AB, AP Calculus BC, Precalculus, and ACC Calculus 3 is available through SLU's 1818 Program; AP Statistics is available through UMSL. AP Calculus AB is the equivalent of Calculus 1, and AP Calculus BC is the equivalent of both Calculus I and Calculus II.

#### Does the school offer courses that directly prepare the student to take any of the Advanced Placement Examinations given by the Educational Testing Service?

Yes, in mathematics as well as in other subject areas. In mathematics, the AP-Calculus courses prepare students to take the "AB" or "BC," examination. The AP Statistics course prepares students for the AP Stats examination.

#### What calculator do the students use?

Currently, all students use the TI-84+ Graphing Calculator.

#### Does the school have a math club?

The Academy has a chapter of the national mathematics club "Mu Alpha Theta." Students who are taking or have taken Honors Algebra II or higher-level math courses are eligible for membership.

*For more information  
regarding the  
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