

MATHEMATICS DEPARTMENT

Philosophy:

As Scripture teaches in Isaiah 28:10 ESV, — “For it is precept upon precepts, precept upon precept, line upon line, line upon line, here a little, there a little.” The Mathematics Department provides a complete and comprehensive program, training students to advance in proficiency by providing opportunities for success at all levels of ability. Our goal is for every student to achieve the greatest possible performance in math, recognize their God-given talents through this process, and develop an appreciation for learning and using mathematics. All math courses emphasize problem-solving, mathematical concepts and applications, and critical thinking.

Goals:

1. The students will be able to extrapolate the meaning of the problems and formulate a plan to solve them.
2. The students will be able to reason abstractly and quantitatively.
3. The students will be able to construct viable arguments and critique the reasoning of others.
4. The students will be able to utilize appropriate tools strategically.
5. The students will be able to calculate and communicate with precision.
6. The students will be able to recognize and apply mathematical structure.
7. The students will be able to formulate generalizations.