

MATHEMATICS

“Great is our Lord and mighty in power – His understanding is infinite!” (Psalm 147:5).

DESCRIPTION OF EXCELLENCE

The Math Department’s comprehensive program is designed to create successful academic opportunities for all ability levels, training students to be analytical, logical, and precise thinkers while exploring how mathematics reveals God’s perfection, beauty, and logic.

MATH DEPARTMENT FACULTY

Our Math Department faculty includes nine teachers with master’s or doctoral degrees; the average instructor has taught at VCS eight years.

MATH DEPARTMENT DISTINCTIVES

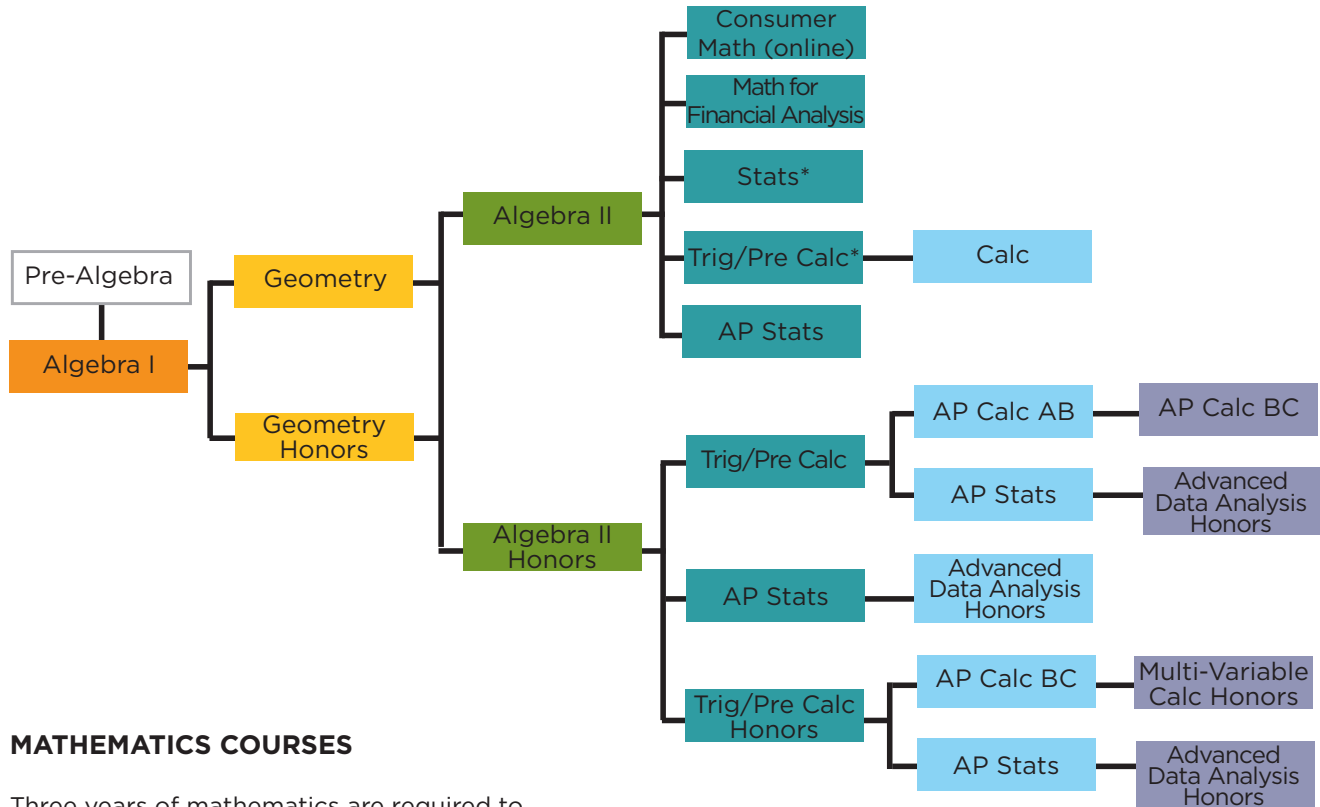
- Through persistence, effort, and practice, our students outperform the national average.
- A variety of different technology programs are used in our classrooms, including: TI Navigator, iPads with apps, ALEKS, Moodle, TI Presenter, Java, Core, Webassign, JMP, and R language. Students are trained to solve problems with and without technology to prepare for exams prohibiting the use of calculators.
- VCHS offers an active math honors club that is a chapter of Mu Alpha Theta, the National Mathematics Honor Society. The VCHS Math Team placed first at the 2019 Math League National Championships, and Best Overall in the Nation at the American Statistical Association Fall Data Challenge two years in a row.
- The Math Department participates in VCHS’ Dual Credit Program, which allows students selecting certain classes to take those for college credit.



“Do it heartily as to the Lord.” Col. 3:23

Students will start at different levels based on previous completed math courses.

* Statistics, and Trig/Pre Calc can be taken in any order. Trig/Pre Calc must be taken before Calculus.



MATHEMATICS COURSES

Three years of mathematics are required to graduate from VCHS. Students should be able to reach Algebra II in order to be college eligible. VCHS highly recommends four years of mathematics to compete in the college market.

This map is a general planning tool, intended to show the course and typical student tracks. Students may deviate from the map and should consult with the counselors and teachers to find the best classes to meet their academic and spiritual goals. Courses offered may vary year to year.

MATH COURSES DESCRIPTIONS

All of our course descriptions are found online: vcs.net/hscoursecatalog.