

HIGH SCHOOL SUMMER COURSES

Hybrid High School Credit Courses (1 Credit) are High School courses aimed at students looking to advance or obtain credit recovery! Designed for students who are ready to learn and work hard, Village's hybrid credit courses are self-paced and offer students a chance to get ahead. Each course will take approximately 75 hours per semester or 150 hours for the entire course to complete. Geometry, Algebra II, and Pre-Calculus will be offered this summer. Additional book fees may apply.

GENERAL INFORMATION

- Students may enroll in both Geometry and Algebra II concurrently, but please keep in mind the time required to complete each course.
- It is important to note, grades received in these summer courses are not included in a student's GPA, and credit received for the courses will be noted in the "Transcript Notes" for "Other Credits". (No numerical grade will be listed.)
- Students who are enrolled in summer credit courses for advancement must pass with at least an 85%.
- For students who enroll for credit recovery of a failed semester, please keep in mind that the course must be passed with at least a 60% to recover credit for the purpose of graduation only.
- These courses are meant for current Village School students, and we do not guarantee that these courses will be accepted at any other school in the U.S. or abroad for transfer purposes for non-Village students.
- These courses ARE NOT in person, they are ONLINE.
- These courses are the ONLY courses for Geometry, Algebra II, and Pre-Calculus that will be accepted for course advancement credit or credit recovery at The Village High School.

Registration Link vscamps.clubsbuddy.net



COURSE SCHEDULE

COURSES (*Rising 9th - 12th Grade*)



COST: \$300

Per Semester

COURSES	OPENING DATE	COMPLETION DATE
Geometry	<u>Semester 1</u> March 18, 2024	
Algebra II		August 2, 2024
Pre-Calculus	<u>Semester 2</u> May 24, 2024	



1.Enroll your student online at vscampus.clubsbuddy.net and select which course/semester you would like to sign your child up for 2.Within 5 business days, you will receive an email with a course link

and login information inclusive of detailed instructions on how to get started

3.Students will work at their own pace through the online course

- 4.Online support/guidance will be available as needed
- 5.Upon completion of the course, students will be required to complete

a course test/assessment to ensure they have full comprehension and mastery of the subject.

6.Students scoring at least 85% on the assessment will be awarded .5 credit for each semester of completion

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COURSE DESCRIPTIONS



GEOMETRY

Pre-requisite: Algebra I

Geometry provides students with experiences that deepen their understanding of two and three-dimensional objects and their properties. Students will use both deductive and inductive reasoning to draw conclusions about the properties and relationships of geometric objects. Topics include: points, lines, angles and planes, parallel and perpendicular line relationships, properties of triangles, quadrilaterals, circles, right triangle trigonometry, perimeter and area of two-dimensional objects, and surface area and volume of three-dimensional objects. Use of the graphing calculator is also incorporated.

ALGEBRA II

 $\Pi \approx 3,1415$ $f \approx 3,1415$

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The primary goal of Algebra II is for students to conceptualize, analyze, and identify relationships among the following classes of functions: linear, absolute value, quadratic, polynomial, radical, exponential, logarithmic, and rational. For each of these function types, students will learn to solve associated equations and inequalities, create and analyze graphs both with and without technology, and create and analyze mathematical models that are applicable to real-life situations. In addition to these functions, students will study systems of equations, matrices, transformations, and inverse functions. Extensive use of the graphing calculator will be incorporated.

PRE-CALCULUS 04+40

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Pre-requisite: Algebra II

Pre-Calculus delves more deeply into some topics introduced in Algebra II, including piecewise functions, polynomial, rational, exponential, and logarithmic functions. It also covers the new topics of vectors, trigonometric functions and identities, sequences and series, and limits at a surface level. In all of these topics, the skills of solving equations, creating and analyzing graphs, and developing and analyzing mathematical models will be emphasized. Use of the graphing calculator will be incorporated. Students who complete this course successfully will be poised to enter IB Math Applications & Interpretations Higher Level.

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E Adaptable Learning for Every Schedule

This summer, we understand that flexibility is key for families with busy schedules. Students can engage in our courses at their own pace and master content specifically tailored for The Village School curriculum.

Advancement at Your Fingertips

Last year, we witnessed a surge in student advancements, showcasing the dedication to academic progress. Our courses are designed to cater to those seeking to advance or recover credit, ensuring a high-quality learning experience tailored to your needs.

Flexible Scheduling for Your Convenience

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Why Choose Our Courses?

Curriculum Expertise: Our courses are crafted to meet the unique needs of Village students and the courses they wish to take. Unlike other institutions, we understand the nuances required for success in an IB math class.

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Teacher-Led Videos: Engage in dynamic learning experiences through our teacher-led videos, providing in-depth explanations and insights.

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Built-in Practice: Reinforce your understanding with built-in practice, ensuring a solid grasp of each concept covered.

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Knowledge Checks: Regularly required assessments and knowledge checks help track progress, ensuring mastery of essential concepts before moving on in the curriculum.

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Personalized Support: Access teacher support during office hours tailored to the cohort's needs. Whether in-person or virtual, our teachers are dedicated to the student's success.

Join Us for a Summer of Academic Excellence

Enroll as early as March 18th to begin the course and experience a unique blend of flexibility, academic rigor, and personalized support. Be confident that you're investing in your educational journey with a program dedicated to your success.

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