

Rhetoric School Course Catalog



At Calvary Christian Academy Rhetoric School we desire to cultivate students who discern, defend, and declare the Truth effectively and with grace. It is our goal to nurture men and women of conviction; men and women with the wisdom, knowledge, and ability to influence others for the advancement of God’s kingdom; men and women of character who stand firmly on and for the Truth, for the glory of God.

“The influence a child receives in one year of school is equal to twenty years from the pulpit.” – Pastor Tim LaHaye

Tuition & Course Fees

Full-Time Tuition & Fees	
Tuition (Grades nine through twelve) <i>Includes all Study Hall fees.</i>	\$14,100
Re-Enrollment Fee	\$600
Books and Materials Fees Required books, workbook, and supplies vary by course/subject - The textbook and supply list is available when students have completed the course registration. - Note that art classes have a recommended supply list (~\$100-\$150)	~\$500 (Varies by course)
Textbook Fee* (On Loan from CCA)	\$75
Science/Tech Lab Fee (for students enrolled in a science class)	\$50
Cooking Class Fee (for students enrolled in this elective)	\$25
Class Trip 9th & 10th: - Creation Museum & Ark Encounter (2023) - Washington D.C., New York City, & Boston (2024) 11th & 12th: - Christian Colleges and Museums Tour (2024) - Mexico Missions (2024)	~\$1,500 ~\$3,000 ~\$700 ~\$700
Other Fees (i.e., school dances, additional activities, etc.)	to be determined
Uniforms, purchased by families individually	~\$300-400

*Books covered by the Textbook Fee will remain property of the school.

Part-Time Tuition & Fees	
Individual Class Fees	
<i>Core Classes: English, History, Math, Science, and Languages</i>	\$2,500
<i>Core Classes: Bible</i>	\$2,000
<i>Elective Classes: P.E.</i>	\$1,300
<i>Additional Friday Elective Classes and Logic</i>	\$1,150
Application Fee	\$100
Assessment Fee (multiple core classes)	\$100
Assessment Fee (single class only)	\$50
Part-Time Enrollment Fee	\$ 200/first class \$100 for each additional class (up to \$600)
Books and Materials Fees	(Varies by course)
Required books, workbook, and supplies vary by course / subject	
- The textbook and supply list is available when students have completed the course registration.	
- Note that art classes have a recommended supply list (~\$100-\$150)	
Textbook Fee Per Class* (On Loan)	\$25
Science/Tech Lab Fee (for students enrolled in a science class)	\$50
Cooking Class Fee (for students enrolled in this elective)	\$25
Activities Fee	\$225
<i>Required for part-time students to participate in field trips, class trips, and monthly student events.</i>	
Tutorial/Study Hall Fee	\$600
Class Trip	
- 9th & 10th: Washington D.C., New York City, & Boston (2024)	~\$3,000
- 11th & 12th: Mexico Mission OR Christian Colleges and SoCal Museums Tour (2024)	~\$700
Other Fees (i.e., additional activities, etc.)	to be determined
Uniforms, purchased by families individually	~\$300-\$400

*Books covered by the Textbook Fee will remain property of the school.

Course Schedules

This section contains the high school course selections for the 2024-2025 school year by grade. Please note that the Friday elective classes are tentative.

Ninth Grade	Tenth Grade
Algebra 1, Geometry, or Geometry Honors	Geometry, Geometry Honors, or Algebra 2
Biology	Physical Science or Chemistry
American History	Ancient World History
American Literature	Ancient World Literature
French, Spanish, or Latin	French, Spanish, or Latin
Logic	Bible Survey
P.E.	P.E. or Weightlifting
Student Ministry Internship + Electives	Electives

Eleventh Grade	Twelfth Grade
Algebra 2, Pre-Calculus, or Consumer Math	Pre-Calculus, Calculus, or Consumer Math
Chemistry, Physics, or Anatomy & Physiology	Chemistry, Physics, or Anatomy & Physiology
Medieval History	Economics and Government
Medieval Literature	British and Early Modern Literature
French, Spanish, or Latin	French, Spanish, or Latin
Apologetics	Senior Thesis
P.E. or Weightlifting	P.E. or Weightlifting
Electives	Electives

Friday Electives	
Art	Mechanical Engineering
Musicianship	Life Skills (Cooking)
Yearbook	Student Ministry Internship
Computer Science	House Leadership and Discipleship (by application)

Course Descriptions

English 9: American Literature

In grade nine, students read the great works which define American literature. Authors include Bradstreet, Wigglesworth, Taylor, Bunyan, Wheatley, Longfellow, Hawthorne, Poe, Emerson, Frost, Dickinson, Douglass, Webb, Fitzgerald, and Orwell. This survey provides a sampling of the literature which has shaped the American landscape, allowing students to recognize the ways in which the backdrop of the new world both underscored recurrent themes of the western canon and transformed them.

Students continue to develop vocabulary with which to analyze and discuss texts well, working through a list of literary and poetic descriptors and increasingly incorporating them into their own speech and writing. They also learn to construct arguable, nuanced thesis statements and develop properly formatted written responses. Students regularly participate in class discussion and are assessed through quizzes, written responses, essays, presentations, and examinations.

English 10: Ancient World Literature

This course, beginning with *The Iliad* and moving through *The Odyssey*, *The Aeneid*, and *The Metamorphoses*, sheds light on the foundations of literary development which have shaped the trajectory of western thought. The students read these works in entirety; they serve as an in-depth examination of the beginnings of The Great Conversation, and students will continually reference these texts throughout their high school career.

While it is true that these texts may initially seem remote, students quickly learn that they remain relevant and full of wisdom. As Plato notes, “an unexamined life is not worth living.” In light of that, the students insert themselves into this conversation, asking “how ought we to live?” Moreover, as we situate these works within their historical contexts, we reflect upon the dynamic relationship between literature and reality; we examine the ways that ideas shape history which, in turn, shapes the next generation of ideas.

Students learn to develop language with which to describe and analyze epic poetry. They also increasingly develop their own opinions, constructing arguable, nuanced thesis statements which foresee and acknowledge potential counter-arguments.

English 11: Medieval Literature

Beginning with *Beowulf* and *The Divine Comedy* and moving into works by Shakespeare and Milton, students continue their study and discussion of some of the most significant texts of Western culture. These texts allow the students to build upon their knowledge from grade ten, as they continue through the western canon. Consequently, they will regularly identify the manifold allusions which exist in these texts to the classical epics; our classroom discussions will regularly reflect the ways in which these medieval writers contribute to and transform previously studied themes.

In addition, students build upon the rhetorical skills which they are continually developing. They work to construct well-considered arguments and to express them through persuasive writing, which incorporates detailed language and specific analysis. Students regularly participate in class discussion and are assessed through timed writing, written responses, major essays, presentations, and examinations.

English 12: British and Early Modern Literature

As a culmination of their literary studies, students will read texts which have been transformative throughout the 19th and 20th centuries. Beginning a survey of Romanticism, and continuing with works by Shelley, Austen, Bronte, Dickens, Wilde, Remarque, and Eliot, the students will perceive firsthand the thread which runs throughout all of Western literature, beginning with Homer and still enduring.

Assessments in this course reflect the high quality rhetorical work of which these students are now capable. They regularly produce analytical arguments in which they not only analyze text, but also insert their own opinions. Assuredly, at the end of their high school career, the students will have an assiduous understanding of Whitman's sentiment: "that the powerful play goes on, and you may contribute a verse."

History 9: American History

Curriculum: Land of Hope by Wildred M. McClay and the American Story by David and Tim Barton.

In History 9, students come into contact with the New World and discover the people, events, and documents that shaped the United States of America. Along with our guiding textbooks, which provide historical and geographical context, students will study biographies and primary documents in the form of speeches, articles, essays, and legal documents that have shaped our country. Authors include Christopher Columbus, John Winthrop, George Washington, James Madison, Patrick Henry, Thomas Jefferson, Dr. Benjamin Rush, George Whitfield, Charles Finny, Abraham Lincoln, Calvin Coolidge, Robert Kennedy, Theodore Roosevelt, Ronald Reagan, and more. These texts, in combination with the literature covered in English 9, allow the students to immerse themselves into the ideas and principles on which America was founded. Special focus is given to the biblical framework of American liberty and to the responsibility we have to

uphold the ideals which formed the foundation of our nation. Overall, students will become familiar with the special status that America has had upon the world, and the sacrifices that many endured to not only secure our liberty, but to preserve it. These discussions will consistently be framed through a lens of considering what is needed to once again secure our freedoms.

This class consists of reading and analyzing various texts through discussion and writing. The students will also learn to construct thesis statements and develop properly formatted essays. Students are assessed through quizzes, timed writing, written responses, major essays, presentations, and examinations.

History 10: Ancient World History

In grade ten, the students examine the ancient world, beginning with Genesis and moving through the writings and culture of the Augustan Age. Amid this study, weighty questions arise and, indeed, linger throughout the entire course; in particular: “How do we define justice?” and “What constitutes a noble society?” To inform this discussion, students read excerpts of Herodotus, Plato, Aristotle, Cicero, Livy, and Vergil. In addition, three texts published by *Memoria Press* provide context to this trajectory.

History 11: History of the Middle Ages

Curriculum: History of the Middle Ages & Renaissance and Reformation Times, Memoria Press as well as assorted Classical History Texts.

History 11 continues on the trajectory of grade ten history, moving into the medieval world. Along with a text which provides historical and geographical context for the Middle Ages, students will study Middle Ages, Renaissance, and Reformation through the great works which define the Medieval World. Authors include Augustine, Athanasius, Bede, Benedict, Aquinas, Machiavelli, Luther and more. These texts, in combination with the literature covered in English 11, allow the students to immerse themselves into the ideals of the Medieval, Renaissance, and Reformation periods, providing an understanding of the ideas and events that shaped our western civilization throughout the Middle Ages.

This class consists of reading and analyzing various texts through discussion and writing. They also learn to construct arguable, nuanced thesis statements and develop properly formatted essays. Students are assessed through quizzes, timed writing, written responses, major essays, presentations, and examinations.

History 12: Government & Economics

Curriculum: BJU Press American Government & Economics, Third Edition.

In the first semester course, students will learn about essential features of American government, from its historical and scriptural foundations to detailed analysis of its

inner workings. The course provides an overview of changes and developments in our government with an emphasis on the U.S. Constitution and current events. Students will learn to biblically and critically examine governmental issues.

The second semester course introduces and explores key principles of economics from a conservative approach. The course will cover topics such as economic models, the stock market, banking, fiscal policy, and economic theorists from a biblical perspective. Students will gain a foundational understanding of economics as a science as well as the economics of countries, businesses, the financial markets, and the government.

Biology

Curriculum: BJU Press *Biology*, Fifth Edition.

In this Biology course, students will see God's power and glory in creation as they learn about cellular biology, genetics, taxonomy, microbiology, botany, zoology, and human anatomy. When studying topics such as evolution, human cloning, abortion, and stem cell research, students refer to Scripture as the ultimate authority, and teachers model a biblical perspective for the students.

In addition, students will conduct dissections and write lab reports as they learn to use the tools of scientific inquiry to investigate various forms of life.

Anatomy & Physiology

Prerequisite: Biology.

Curriculum: F.A. Davis - *Understanding Anatomy and Physiology: A Visual, Auditory Interactive Approach*, 3rd Edition - Gail Sloan Thompson RN.

In this Anatomy and Physiology course, students explore God's most fascinating creation, the human body. This class focuses on the structures and functions of human tissues, organs and organ systems, all necessary to sustain life. We will also explore many of the disease processes and pathology related to each organ system. This class will integrate a holistic view of health throughout the year, and discover that God designed our bodies to heal. We will finish the year studying the miracle of how we are formed in the womb, fearfully and wonderfully made in the image of God.

Physical Science

Prerequisite: Algebra 1

Curriculum: BJU Press *Physical Science*, Sixth Edition

Physical Science will provide students with the foundation for further study in the fields of chemistry and physics.

Students will focus on Chemistry for the first half of the year learning about matter and what it is made of to how matter interacts in chemical reactions, nuclear changes, solutions, and acids and bases. In the second half of the year physics will be introduced and students will learn about how matter and energy move and why they move as well as the different forms of energy. Students will think like scientists and view physical science from a biblical perspective. In addition to classwork, a series of laboratory experiences will be included.

This course is algebra-based and will not include trigonometry or calculus.

Chemistry

Prerequisite: Algebra 2.

Curriculum: BJU Press *General Chemistry*, Fifth Edition

In this course, students will discover the fundamentals of modern chemistry from a Biblical perspective. History, mathematical problem-solving, technical communication, and practical applications are integrated in to the narrative. By exploring the microscopic aspects of matter, students will explore the elegant, purposeful order of God's Creation, and learn scientific methods and models to understand and use chemistry for Godly purposes.

Physics

Prerequisite: Pre-Calculus, concurrently.

Curriculum: John D. Mays *Physics: Modeling Nature*, Second Edition

In this Physics course, students will discover the real-world importance of physics in exercising biblical dominion in the physical world. They will interact with raw data from actual physical phenomena and historical experiments as they create and evaluate scientific models—just like real physicists, present and past.

The Physics text presents the traditional physics topics of classical mechanics, as well as energy, matter, thermodynamics, electromagnetics, optics, and modern physics, all within a vibrant Christian worldview. Students will put their math skills to use in a derivative and logical problem-solving approach.

Algebra 1

Curriculum: BJU Press *Algebra 1*, Third Edition

This course will shape the worldview of each student by emphasizing the way that mathematics helps Christians serve others and glorify God. Each lesson contains a thorough development of key concepts and detailed examples to promote student comprehension. Practical applications are integrated throughout. Algebra 2 covers concepts such as linear, quadratic, polynomial, radical, and rational functions, exponential and logarithmic functions, and probability and statistics. Complex numbers are also covered throughout the text.

Geometry

Prerequisite: Algebra 1.

Curriculum: BJU Press *Geometry*, Fourth Edition

Geometry is a branch of mathematics that deals with measurement, properties and relationships of points, lines, angles, surfaces and solids. The content of the course includes: historical and philosophical foundations of geometry, the nature of reasoning and deductive proof, properties of lines and angles, congruence and inequality relationships in triangles, characteristics of quadrilaterals, regular polygons, circles, similarity, geometric solids, and calculations of area and volume.

Beyond specific topics, geometry equips students to think logically and reason effectively. Through this course students are introduced to the concept of mathematical proof, how it proceeds, and how it compares and contrasts with the concept of proof in other disciplines.

Geometry Honors

Prerequisite: Algebra 1 with a final grade of B+ or higher.

Curriculum: *Euclid's Elements*, and BJU Press *Geometry*, Fourth Edition

Geometry is a branch of mathematics that deals with measurement, properties and relationships of points, lines, angles, surfaces, and solids. The content of this honors course will be based on the classical axiomatic method taught by Euclid of Alexandria. From the outset, students will learn and practice how to prove theorems using a “building-block” (simple to complex) approach. The variety of proofs will develop both deductive and inductive reasoning in the student. These skills will be highly valuable in many other fields of study.

The student will learn properties of lines and angles, congruence and inequality relationships in triangles, characteristics of quadrilaterals, regular polygons, circles, similarity, transforms, tessellations, geometric solids, and calculations of area and volume.

A large portion of the class will be accomplished using the Euclidean construction method of compass and straight-edge. Modern geometric construction methods using technology will also be introduced. The course will also include a series of projects, in which physical models will be built by students.

Algebra 2

Prerequisite: Algebra I and Geometry/Geometry Honors

Curriculum: BJU Press *Algebra 2*, Third Edition

Course Description: In this course, each lesson contains a thorough development of key concepts and detailed examples to promote student comprehension. Practical applications are integrated throughout. Algebra 2 covers concepts such as linear, quadratic, polynomial, radical, and rational functions, exponential and logarithmic functions, and probability and statistics. Complex numbers are also covered throughout the text.

Consumer Math

Prerequisite: Algebra 1.

Curriculum: BJU Press *Consumer Math*, Third Edition

Using math as a consumer is inescapable. From buying food and clothing to taking out loans for cars and houses, Consumer Math prepares students for making real-world financial decisions. This course teaches students how to be good stewards of the resources God has given them through basic math, principles for handling money, and an understanding of scriptural teaching about money.

Pre-Calculus

Prerequisite: Algebra 2.

Curriculum: BJU Press *Precalculus*, Second Edition.

In this course, problem solving and mathematical modeling are introduced early and reinforced throughout, providing students with a solid foundation in the principles of mathematical thinking. Comprehensive and evenly paced, the book provides complete coverage of the function concept and integrates a significant amount of graphing material to help students develop insight into mathematical ideas.

Calculus

Prerequisite: Pre-Calculus.

Curriculum: Wiley *Calculus Early Transcendentals*, Eleventh Edition

The primary objective of this course is to introduce the beauty of calculus and the far-reaching practical and theoretical implications of its principles. Calculus provides an analytical means by which the infinitely large and the infinitesimally small can be evaluated. With calculus, we can model physical processes from the motions of galaxies to the behavior of subatomic particles—that is possible because God has imbued the world with mathematical characteristics.

The course develops the three primary ideas of calculus—limits, derivatives, integrals—from both theoretical and practical standpoints. Students learn broad applications of calculus to a variety of fields, with liberal use of real-world applications for most concepts and techniques.

French 1

Curriculum: BJU *French 1*, Second Edition

This course is for beginning students who want to learn the language and share the gospel in franco-speaking countries, and with this course the students will join in daily devotionals and prayers, centered around an American family arriving in France for missionary service. With the Dupont family, the students will encounter the various experiences of everyday life in an unfamiliar setting and the adjustments that every missionary in a foreign culture must make. This presentation is from the perspective of a newcomer who is eager to adapt in order to reach the lost more effectively.

Spanish 1

Curriculum: BJU Press *Spanish 1*, Third Edition

This course introduces students to beginning Spanish. Students will learn how to ask and answer questions in Spanish, give and follow directions, purchase items, make small talk, and present the gospel. The textbook is rich with activities to help students gain confidence with the Spanish language.

Spanish 2

Prerequisite: Spanish 1 (or equivalent).

Curriculum: BJU Press *Spanish 2*, Third Edition

This course teaches students to communicate comfortably at an intermediate level with Spanish-speaking people in a variety of settings— stores, banks, airports, hotels, doctor's offices, auto shops, and on the mission field. Grammar, pronunciation, writing, listening, verb tenses, and moods are emphasized in a variety of exercises and Spanish dialogues.

Spanish 3

Prerequisite: Spanish 2 (or equivalent).

Curriculum: Avancemos

This course further develops students' mastery of vocabulary, oral communication skills, and grammatical structure with a special focus on verb forms. The text features true stories and letters from missionaries in Spanish-speaking countries, with an emphasis on teaching culture along with language.

Spanish 4

Prerequisite: Spanish 3 (or equivalent).

Curriculum: Avancemos 4

This course is for advanced students who can demonstrate higher proficiency that requires communication using all four language skills (listening, speaking, reading and writing) as well as critical thinking. The text provides comparison between culture in the United States and the multi-faced Hispanic world and linguistic competence are equally important in successful communication.

Latin I

Curriculum: Hans Ørberg's *Lingua Latina per se Illustrata*

In this Latin course, students will work through an in-depth examination of Latin grammar. They will also study the context of that grammar through rich primary source materials. These ensure that students do not merely learn about the Latin language, but that they study the language in the context of its culture. This helps to exemplify that Latin grammar arose as a function of use; systemization occurred afterwards, so studying systemic rules before encountering the language seems counterintuitive. To that end, we will work through Hans Ørberg's *Lingua Latina per se Illustrata*, which presents Latin via the "Natural Method:" we will immediately begin reading excerpts of text, and we will view these texts as opportunities to think in the Latin language, rather than to translate into English.

Latin II

Curriculum: Hans Ørberg's *Lingua Latina per se Illustrata*

This Latin course moves through the second half of Ørberg's *Lingua Latina per se Illustrata*, concluding the study of Latin grammar begun either during the middle school years or in Latin I. The latter half of this text seamlessly integrates primary materials into the text itself, increasingly encouraging the students to approach "real Latin" via the "Natural Method." The students read excerpts of Catullus, Martial, and Ovid, and there are some particularly riveting chapters about gladiatorial combat. Remarkably, the students will also read excerpts from the Vulgate in this course. This vivid, immersive text allows students to experience the richness of Roman language and culture while simultaneously encountering the enduring ways in which the Latin language has irreversibly affected the western landscape.

Latin III, IV, & V (Advanced Latin)

In this course, students encounter some of the most celebrated writers of Roman antiquity, such as Vergil, Livy, Aulus Gellius, Ovid, Nepos, Sallust, and Horace. At this stage of Latin study, students will approach the Latin as literature, implementing analytical discussion both in class and in written form. Each year, students will encounter both poetry and prose, and the completion of all three years will serve as a thorough survey of Latin literature.

Logic

Logic class will focus on how we think, discern, make decisions, and lead. Students will practice recognizing and responding to fallacies and discover the correlation between experience, ideas, and point of view. The course focuses on developing proficiency in levels of logical thinking and decision making through collaborative thinking and discussion. Through practice, students will develop critical thinking, logic, and discernment.

Senior Thesis

The Senior Thesis is the capstone of our Classical Christian education at CCA. Through the Thesis process, students practice analytical and syntopical reading, and all of their rhetorical skills (discernment, composition, presentation, and defense). CCA seniors are expected to display excellence in a wide variety of academic skills in their Senior Thesis, which must be researched, coded, written, promulgated, and successfully defended, before the student is permitted to graduate from CCA. The written presentation and speech are presented in May.

*Note that this course is reserved for full time students only.

Bible Survey

This course is a survey of all sixty-six books of the Bible, focusing on the story of God's relationship with His people, from creation to redemption and the new heaven and earth. Along the way, this course will impart a deeper understanding of biblical interpretation and theological themes, backgrounds and genres. This class presents the entire Bible as it ties both Old and New Testaments into one story.

Apologetics

This class is an introduction to the related fields of theology and apologetics. Students will study Christian doctrine and learn to provide a reasoned defense of the faith. Along the way, students will improve their understanding of, and ability to articulate, the essential doctrines of Christianity, especially the gospel. In addition, students will increase their ability to speak winsomely, respectfully, and persuasively to people holding different beliefs and world views, and will learn to answer common objections to the Christian faith.

Physical Education

Students will participate in various sports with a focus on skill development and sport appreciation. They will also receive instruction in personal fitness, weight lifting, and basic health concepts.

Art 1

Art will introduce students to the Elements of Art, composition, and color theory through drawing and painting. This course will provide opportunities to develop observational skills, build a visual vocabulary, and learn drawing and painting techniques. Art history is an important part of this course as students will evaluate works from the Renaissance period to modern and contemporary artists. In the first semester, students will focus on developing basic drawing skills with graphite, ink, and charcoal. In the second semester, students will learn color theory and painting techniques with watercolor. Students will also explore mixed media drawing and painting techniques.

Art 2

Prerequisite: Art 1

Course Description to follow.

Musicianship

Introductory/Intermediate Level

This is an introductory/intermediate course designed to equip students with a basic facility on three instruments, an intro to vocal training, and an understanding of leading worship in the context of smaller and larger ensembles. The course will be broken up into 2 main sections (Fall & Spring) with each section focusing on key points. Students will also be expected to occasionally lead music for H.S. Chapel, and may lead music for TKO or Sunday Morning Worship.

Yearbook

In this class, a team of high school students will work together to document the current school year. CCA yearbook covers a wide variety of activities in which students participate from K-12. Coverage includes academics to sports to student life to extracurricular activities. The yearbook class will introduce basic elements of photography and page building. Students are expected to be organized and detail-oriented.

Student Ministry Internship

Student Ministry Internship is a service-focused elective. Through this course, students will learn a variety of skills related to community outreach, media support, and facility management and repair. The goal is to help students effectively live out the Great Commission by utilizing personal skills to reach their “Jerusalem” with the gospel, glorifying God with their hands and feet, minds and words.

Mechanical Engineering

Prerequisite: Algebra 1.

Mechanical Engineering applies technical principles to solve all kinds of problems in the real world. In this course, students will use physical concepts and the engineering design process to create designs of their own in hands-on projects. Projects in this course include the egg drop challenge, mousetrap cars, wind-powered cars, and more. Students will also learn how to use a 3D modeling program and how to do 3D printing. Using the engineering design process and the skills gained in the class, they will design 3D models and produce gadgets through an interactive and engaging creative process. Most classes will be spent designing and building projects, contraptions, and models for experience, practice, and friendly competitions.

Independent Research

Prerequisite: Teacher approval.

The goal of this course is to practice the methods of scientific inquiry into God's natural world. Students will apply the knowledge gained from their core science classes to complete a research project of their own, chosen according to the Biblical principles of glorifying God and serving and loving their neighbor.

Computer Science

This is an undergraduate-level introductory computer science course, which provides students with a strong foundation in basic computer science principles: syntax, typing systems, classes, functions, the basics of object-oriented programming. Upon completion, students should have a basic grasp of Python, culminating in a basic final project that builds a basic search engine.

Students in this course will also be able to apply lessons to other aspects of their education. For example, a large part of writing code is clear documentation; enforcing high-quality documentation standards will require students to pull from their writing abilities from other classes. Additionally, collaboration with other students on the same software project will require respectful and effective communication across a different range of coding styles and backgrounds. Further, students will have the opportunity to explore ideas for final projects related to other parts of their coursework (ie: visualizing data in physics / math).

Life Skills

Each quarter of this course will focus on teaching students a different "life skill." In past years, these skills have included: sewing, carpentry, survival skills, finances, and cooking.

House Leadership

This course is required for students selected for the House Leadership Program. This course will provide the student with valuable leadership and communication skills. During this course, a student will develop project-management, team-building and decision-making skills through hands-on proposing and planning of school activities,

fundraisers and spirit events.