



Heathwood Hall

Upper School Curriculum Guide

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INTRODUCTION

As with any curriculum guide, this is a document in flux. Each year we not only evaluate each class to ensure that both content and pedagogy are consistent with best practices, but we also look for ways in which we can enrich our course offerings to allow students to explore new subjects in a formal way or to continue their study of existing subjects in deeper, more meaningful ways.

While our individual courses may change, our philosophy does not. It is our deeply held belief that a dynamic, student-centered curriculum; curious, disciplined learners; and talented, innovative teachers (in fact, the most honored independent school faculty in the state) is a recipe for academic success. By walking with our students and helping them master skills of reflection, critical thinking and self-discovery, the Heathwood Hall faculty strives to inspire students to a life of learning, personal excellence, and service both to God and to their fellow human beings.

GRADUATION REQUIREMENTS

To meet graduation requirements, each student must successfully complete the following.

| | |
|--|--|
| English 4 credits | Science 3 or 4 credits* |
| Mathematics 4 credits | Social Studies 3 or 4 credits* |
| Religion 1 credit <i>(Old Testament OR New Testament)</i> | Languages 3 credits (same language) |
| Fine Arts 1 credit | Physical Education 1 credit |
| Computer 0.5 credit | Electives 3.5 credits |
| Senior Exhibition 1 credit | TOTAL 26 credits <i>plus</i> 20 hours community service each year |

**A total of 7 credits in the science and social studies disciplines, to be satisfied with a minimum of 3 in one and 4 in the other.*

Note: Students seeking admissions to a 4-year public university in South Carolina must earn a minimum of four credits in science.

A maximum of one credit in Physical Education will be granted through full participation in interscholastic athletics, at the rate of 1/4 credit per season. In sequential courses such as mathematics and foreign language, a minimum standard is necessary before the next level of the subject may be undertaken. If the final grade falls in the “C- or D” range, summer work will be required, or the course may need to be repeated the following year.

VISUAL ART CONCENTRATION (VAC)

Students who wish to exceed the Fine Arts requirement of the standard Heathwood Hall diploma may elect to participate in the VAC, a program that challenges, recognizes, and celebrates a student's drive to pursue the arts. In addition to taking specified Visual Arts and Art History classes, VAC candidates must catalog independent studio time every semester, complete an artistically relevant Internship during Winterim, produce an art-themed Senior Exhibition, and generate an ambitious Art Exhibit during the Spring semester of the Senior Year. For more information, consult Appendix A.

SENIOR EXHIBITION

In the senior year, every Heathwood Hall student must complete a "Senior Exhibition", a yearlong project that requires sustained and substantive independent research in an academic area of the student's choice. The Exhibition, which takes the form of either an academic paper or original product and contextualization, must exhibit knowledge, scholarly research, and appropriate methodology. In the late spring, a public symposium is held, and each student presents his/her work. Upon successful completion of the Exhibition, the senior receives one credit of independent study in his/her academic discipline.

GPA INFORMATION

Heathwood Hall computes GPAs (grade point averages) on a 100-point scale for all Upper School students. These GPAs are calculated from grades received in courses taken during grades 9-12. Both Honors and AP courses are weighted (3 points and 5 points, respectively) in determining the grade point average. The weight is used only to compute the GPA and does not alter the year-end grade on the transcript. Grades for courses in the academic areas of English, world languages, history, social studies, religion, mathematics, and science are used to determine a student's academic GPA. Grades from other elective courses, such as PE, Fine Arts, and Yearbook are not used to compute the academic GPA. A few courses are graded on a pass/fail basis, and these receive credit but are not calculated in the student's GPA. In addition to the standard Heathwood GPA, transcripts will also indicate a SC UGP GPA (South Carolina Uniform Grading Policy GPA), converted in accordance with guidelines established by the SC Commission on Higher Education.

CLASS RANK

Heathwood Hall has a strong academic program and a relatively small senior class, each member of which is college-bound. It is our belief that a report of each student's class rank would be statistically invalid. Consequently, class rankings are calculated for in-house use and typically are not included on the school transcript. However, a class rank will be reported for certain scholarship consideration and other programs.

COURSE REGISTRATION INFORMATION

Upper school students in grades 9-11 are expected to carry a minimum of **six courses each semester**, of which at least **five** must be academic (English, mathematics, science, history/social studies, foreign languages, religion). Seniors are expected to take a minimum of **five courses each semester**, in addition to fulfilling the requirements of the Senior Exhibition, of which at least **four** must be academic. Course registration forms will be available for enrolled students in the spring

prior to the beginning of the school year, and students should complete the registration form with the utmost care. With the assistance of parents, teachers, and advisor, students choose appropriate classes that conform to the requirements of the core curriculum, as well as the student's interests and long-term objectives. All Course Registration forms should be signed by both the student and a parent before being submitted. Students must be formally enrolled with the Business Office for the next school year before being scheduled in any course.

PLANNING CONSIDERATIONS

In planning one's educational program, each student should challenge him/herself by taking a strong and varied course load with a mixture of required and elective courses. It is true that colleges are impressed with students who extend themselves academically by taking extra courses and advanced courses for which they are qualified. It is not wise, however, to overextend oneself. Before making the final course selections, each student should consider his/her entire school involvement, including athletics, service commitments, and other extracurricular activities. Students are urged to seek advice from teachers, advisors, and college counselors. All students should examine their curricular progression through their senior year before making the final selection for the next year's course load.

If a qualified student chooses to take courses labeled "Honors" or "Advanced Placement," he/she may take no more than one of these courses during sophomore year and three of these courses during junior year.

- Each student must take at least **six courses each semester**, including a minimum of five academic subjects (English, math, religion, science, social studies, and modern/classical languages).
- Elective options in fine arts, technology, and physical education are strongly recommended.
- If a student includes a one-semester course as one choice, he/she must be sure to select one for each semester. Indicate second choices for all electives in case a preferred class is undersubscribed or in conflict with an academic core course.
- Grades and credits from classes at other schools or from online classes are transferable and applicable to the Heathwood graduation requirements as long as they are from fully accredited educational institutions and approved by the Academic Committee in advance.
- If a student is interested in pursuing Heathwood Hall's Visual Art Concentration Program, he/she should review carefully the requirements of the program and register for classes accordingly. Classes that satisfy the program's requirements are indicated in the Curriculum Guide with a VAC designation.
- Honors and AP courses are offered to students who have demonstrated the aptitude, work ethic, and previous academic performance to be successful. In order to enroll in an Honors or AP course, a student must satisfy the academic requirements and be recommended by the department. Interested students should consult with their current teachers about appropriate course placement.
- Courses designed as "Honors" (H) are accelerated and require a strong background and more intensive preparation than other courses. They will be labeled as "Honors" courses on the

transcript and receive a three-point weighting in the GPA calculation.

- Courses labeled "AP" are Advanced Placement courses designed to prepare students for the College Board Advanced Placement examinations. They are the equivalent of college level courses, and taking the Advanced Placement examination is required for completion of the course. They will be labeled as "AP" courses on the transcript and receive a five-point weighting in the GPA calculation.
- A student may take **1 AP** course as a sophomore and no more than **4 AP** courses as a junior
- A student may receive credit only once per academic course. If a student repeats an academic course for which credit has been granted, the grade will be reflected on the transcript and calculated in the GPA, but the credit will not be counted as one of the credits required for graduation.
- A year-end grade below C- in an academic course (especially in math and world languages) may necessitate summer school or another form of remediation. Failure to follow the School's recommendations will likely require repetition of the entire course during the following school year.

UPPER SCHOOL RECOMMENDED PROGRAM AT A GLANCE

| | 9th | 10th | 11th | 12th |
|---|---|---|---|---|
| 1 | English | English | English | English |
| 2 | Math | Math | Math | Math |
| 3 | Physics | Chemistry | Biology | Academic Elective |
| 4 | Modern World History | Government Economics | United States History | Academic Elective |
| 5 | World Language | World Language | World Language or Academic Elective | Elective |
| 6 | Computer/Fine Arts | Religion/Fine Arts | Elective | Elective or Study Hall |
| 7 | PE / Religion / Study Hall | PE / Computer / Study Hall | Elective / Study Hall | Sr Exhibition |
| | 5 Academic Courses 1-2 Elective Courses (each semester) | 5 Academic Courses 1-2 Elective Courses (each semester) | 5 Academic Courses 1-2 Elective Courses (each semester) | 4 Academic Courses 1 Elective Course 1 Senior Exhibition (each semester) |

UPPER SCHOOL COURSE GUIDE

ENGLISH

The English department seeks to engage, instruct, and inspire students in the value and art of reading and writing. At various grade levels, students read from a plethora of genres as they are introduced to the characteristics of and relationships between fiction, non-fiction, essays, poetry, and drama. At the same time, we sharpen writing skills by assigning not only analytical essays, but also research papers, personal narratives, argumentative essays, and lyric poems. Because we believe that individualized, one-on-one teaching is the best way to help students hone their writing skills, every English class encourages student-teacher writing conferences beyond the classroom as part of the course requirements. All grades study vocabulary and grammar as well.

005 Composition and Literature: The Foundations [grade 9]

(yearlong: 1 Academic Credit)

In this course students read classics such as the *Odyssey*, *Macbeth*, *Lord of the Flies*, and a variety of modern and classic short stories from around the world. Students continue their study of grammar and vocabulary with the goal of crafting more cogent and fluid narrative and analytical writing.

006 British Literature and Composition [grade 10]

(yearlong: 1 Academic Credit)

A survey course of British literature, this class introduces students to works ranging from *The Canterbury Tales* and Shakespearean plays to poetry of the Romantic era and the novels of Jane Austen. Students will learn to read these texts in terms of thematic expression, formal construction, and historical background. Central to the course are continued vocabulary enhancement as well as the improvement of creative, analytical, and research writing skills.

007 British Literature and Composition (Honors) [grade 10]

(yearlong: 1 Academic Credit)

Requires departmental approval.

This advanced course will survey British literature from medieval poems such as *Beowulf* to 20th-century novels like *Purple Hibiscus* or *Wolf Hall*. In addition to primary literary texts, students will read and respond to scholarship and critical analysis, with forays into cultural, genre, and historical studies. The course will continue to emphasize the development of creative, analytical, and research writing skills as well as vocabulary enhancement in the context of joining the critical conversations in and around British literature.

022 American Literature and Composition [grade 11]

(yearlong: 1 Academic Credit)

Inspired by such iconic and contemporary American writings as *All the Light We Cannot See*, *The Scarlet Letter*, *Their Eyes Were Watching God*, *Long Way Down*, and *The Great Gatsby*, this course examines the promise of America, the American imagination, and the power and responsibility of the individual. Poetry is also studied, particularly works of the Harlem Renaissance and American nature poetry. Continuing the English department's emphasis on composing in a variety of genres, American Literature and Composition includes writing assignments that vary from the creative poem to the expository/analytical paper and the research project.

025 AP English Literature and Composition [grade 11]

(yearlong: 1 Academic Credit)

Requires departmental approval, which is based on previous English grades, PSAT performance, work ethic, ability to meet deadlines, and writing skills.

Involving students in careful, close reading and critical analysis of poetry, short stories, and novels, AP English 11 is a college-level course that seeks to sharpen students' awareness and understanding of the means by which writers convey meaning in their works. Students study primarily American literature through such texts as *The Bluest Eye*, *The Scarlet Letter*, *Their Eyes Were Watching God*, *Salvage the Bones*, and *The Great Gatsby* and such writers as Anne Bradstreet, Paul Laurence Dunbar, Robert Frost, Maya Angelou, and Mary Oliver. Along with careful reading, students are required to complete several types of writing assignments, including creative, interpretive, analytical, and research.

035 AP English 12 – English Language and Composition [grade 12]

(yearlong: 1 Academic Credit)

Requires B+ or higher in previous English classes, satisfactory PSAT/SAT scores, and departmental approval.

In this course, we will examine the rhetorical strategies that great writers use to achieve their goals, and then students will emulate these strategies in their own writing. Students will read a wide variety of non-fiction including speeches, essays, Op-Eds, and articles; they will write in several of the rhetorical modes, including narration, argumentation, and exposition; and they will continue their study of vocabulary, grammar and research methods. Though the course is focused on non-fiction, students will read works such as Shakespeare's *Othello* or Dante's *Inferno* to round out their literature education. Students will work on timed writings and reading comprehension to prepare for the AP exam.

091 Rhetoric and Composition [grade 12]

(yearlong: 1 Academic Credit)

In this course, we will examine the rhetorical strategies that great writers use to achieve their goals, and then students will emulate these strategies in their own writing. Students will read a wide variety of non-fiction including speeches, essays, Op-Eds, and articles; they will write in several of the rhetorical modes, including narration, argumentation, and exposition; and they will continue their study of vocabulary, grammar and research methods. Though the course is focused on non-fiction, students will read works such as Shakespeare's *Othello* or Dante's *Inferno* to round out their literature education.

580 Public Speaking [grades 9-12]

(one semester: **Fall Semester**: 0.5 Academic Credit)

This class provides an overview of the essential skills necessary for effective oral communication as it examines the principles and practices of effective public speaking, argument, and debate. Contemporary and historical speeches serve as models for improving student skills. Students construct and present arguments in a debate format with an emphasis on developing critical thinking skills. Objectives of the class include building self-confidence, enhancing interpersonal relationships, resolving conflict, applying effective interviewing techniques, interacting with groups, dealing with stage fright, and speaking in front of a group. Students present an original oratory piece in lieu of a final exam.

556 Creative Writing: Walking and Writing [grades 9-12]

(one semester: **Fall Semester**: 0.5 Academic Credit)

This course is designed for students with an interest in creative writing who are looking to extend their composition skills. Using a combination of writing exercises, workshops, and writing models, students in this class will develop their skills in creative nonfiction. Walking and writing are closely intertwined. Both require direction and detour, observation and thought. To walk is to think, and to write is to put thoughts down on the page, to wrestle with them, to turn ideas into journeys, into explorations for your readers. We will use Rebecca Solnit's *Wanderlust: A History of Walking* and Janet Burroway's *Imaginative Writing: The Elements of Craft* as our primary texts for the course and will read a variety of supplemental essays on walking. Ultimately, students will write their own brief history of writing, an examination of how walking over the course of a semester has changed the way they think and the way they interact with the world around them. They will learn to write creative nonfiction and to tell true stories using elements of craft such as scene, dialogue, figurative language, and plot. In this course, students should expect to read, write, and walk daily.

(offered on a rotating basis)

033 World Literature: Advanced Spanish Literature [grades 11-12]

(one semester: **Fall Semester**: 0.5 Academic Credit)

The goal of this class is to expose students to peninsular Spanish literature. The course will cover poetry, prose, and drama from the Medieval period to the end of the Enlightenment. We will explore the background of the time period, including political, popular, and religious issues, as well as relevant biographical information of the author. By the end of the class, students will be able to view Spanish literature with similar, if not the same, understanding as British and American literature. (offered on a rotating basis)

379 Mythology [grades 11-12]

(one semester: **Spring Semester**: 0.5 Academic or Religion Credit)

**May still be counted as a religion graduation credit for the Class of 2023 and 2024.*

This course will introduce students to the mythology of ancient Greece (and to a lesser extent, ancient Rome). As a project-based course, students will engage with the material through a variety of projects that task them with reading texts, analyzing and discussing issues, and creating products that represent their understanding of the material. In lieu of a final exam, students will complete a final portfolio in which they will catalog their projects and discuss how their understanding of mythology has changed over the course of the semester. All works will be read in translation,

though students will be introduced to key Greek terms as well as common English words derived from Greek.

(offered on a rotating basis)

046 Christianity in Literature: Finding God in *Harry Potter* [grades 9-12]

(one semester: **Spring Semester**: 0.5 Academic or Religion Credit)

Prerequisite: Old Testament or New Testament

**May be counted as a religion graduation credit*

The Harry Potter series creates controversy and has sometimes been banned because it includes magic and spells which seem to undermine religious beliefs and practices. Yet J. K. Rowling describes herself as Christian and has said that her books are rooted in Christianity. This course seeks to take a deep dive into Rowling's numerous Biblical allusions and Christian themes.

Although Harry attends Hogwarts School of Witchcraft and Wizardry, he learns that the most powerful magic cannot be taught or conjured, and its implications are profoundly religious. Through selected books from the series and scenes from the movies, students will discuss the significance of Biblical allusions and Christian themes in Rowling's series. Assessments will include both traditional papers and creative projects, and each student will be responsible for knowing three to four books in the series very well, depending on the length of the books. Everyone from the Harry Potter expert to the beginner is welcome.

MATHEMATICS

110 Algebra I [grade 9]

(yearlong: 1 Academic Credit)

Algebra I explores a variety of topics. Topics include solving linear equations and inequalities, graphing linear functions, writing linear functions, solving systems of linear equations, exponential functions, exponent properties, polynomials, factoring, graphing quadratics, solving quadratics, radical functions, and data analysis. Students will also become proficient in using a TI-84 graphing calculator.

130 Geometry [grades 9-10]

(yearlong: 1 Academic Credit)

Prerequisite: Algebra I

Geometry incorporates skills developed in Algebra I to introduce Euclidean geometry. This course is designed to emphasize the study of the properties and applications of common geometric figures in two and three dimensions. It includes the study of Perpendicular Lines, Transformations, Triangle Congruence, Relationships with Triangles, Polygons and Quadrilaterals, Similarity, Right Triangles and Trigonometry Introduction, Circles, Circumference, Area, Volume, and Probability. Inductive and deductive thinking skills are used in problem solving situations. It also emphasizes writing proofs to solve (prove) properties of geometric figures.

115 Algebra II [grades 9-11]

(yearlong: 1 Academic Credit)

Prerequisite: Geometry

Algebra II is an extension of the skills and concepts developed in Algebra I. It includes the study of linear functions, graphing quadratics, factoring, solving quadratics, modeling, complex numbers, polynomial functions, rational exponents, exponential and logarithmic functions, rational functions, and data analysis. Students will also become advanced in using a TI-84 graphing calculator.

114 Honors Algebra II [grades 9-10]

(yearlong: 1 Academic Credit)

Requires departmental approval, which is based on previous math grades, PSAT math performance, and teacher recommendation.

Honors Algebra II is an in-depth study of the topics of regular Algebra II including quadratics, complex numbers, polynomial functions, radicals and rational exponents, exponential and logarithmic functions, rational functions, and data analysis. It provides students the opportunity to develop the skills and knowledge they will need to be successful in their study of upper level mathematics.

118 Advanced Algebra with Trigonometry [grades 10-12]

(yearlong: 1 Academic Credit)

Prerequisite: Algebra II

Advanced Algebra with Trigonometry is a study of algebraic function analysis with an emphasis on fundamentals. Linear, quadratic, exponential, logarithmic, rational, and polynomial function models are examined closely and applied to real-world problems.

144 Precalculus [grades 10-12]

(yearlong: 1 Academic Credit)

Prerequisite: Algebra II

Precalculus is designed for students to build upon the fundamental high school math sequence (two years of algebra and geometry) and further prepare them for college math study. This course surveys advanced algebraic concepts and trigonometry. Topics include quadratic functions, inverse functions, complex numbers, equations and inequalities, rational functions, exponents, logarithms, and trigonometry.

145 Honors Precalculus [grades 10-11]

(yearlong: 1 Academic Credit)

Prerequisite: Honors Algebra II

Requires departmental approval, which is based on previous math grades, PSAT math performance, and teacher recommendation.

Honors Precalculus challenges the students to investigate and understand topics in Analytic Geometry and Trigonometry. It moves beyond the fundamentals by exploring principles underlying these areas and using the TI-84 to investigate and interpret mathematical behavior. Topics covered include those in Precalculus with the following additional topics: parametric and polar equations, sequences and series, and limits.

140 Introduction to Calculus [grades 11-12](one semester: **Spring Semester**: 0.5 Academic Credit)*Prerequisite: Precalculus*

Usually taken in conjunction with Probability and Statistics, Introduction to Calculus is a one-semester course that introduces students to topics that will be covered in a college level calculus course. Students study functions, graphs and models, differentiation and its applications, and integration and its applications.

160 Probability and Statistics [grades 11-12](one semester: **Fall Semester**: 0.5 Academic Credit)*Prerequisite: Precalculus*

Usually taken in conjunction with Introduction to Calculus, Probability and Statistics is designed to provide an introduction to probability and statistics with applications. Topics include descriptive statistics, basic probability models, random variables, discrete and continuous probability distributions, statistical estimation and testing, confidence intervals, and an introduction to linear regression.

162 AP Statistics [grades 11-12]

(yearlong: 1 Academic Credit)

Requires departmental approval, which is based on previous math grades, PSAT math performance, and teacher recommendation.

The AP Statistics course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes evident in the content, skills, and assessment in the AP Statistics course: exploring data, sampling and experimentation, probability and simulation, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding.

155 AP Calculus AB [grades 11-12]

(yearlong: 1 Academic Credit)

Requires departmental approval, which is based on previous math grades, PSAT math performance, and teacher recommendation.

AP Calculus AB focuses on students' understanding of calculus concepts and provides experience with methods and applications. Through the use of big ideas of calculus (e.g., modeling change, approximation and limits, and analysis of functions), each course becomes a cohesive whole, rather than a collection of unrelated topics. This course requires students to use definitions and theorems to build arguments and justify conclusions. The course features a multi-representational approach to calculus, with concepts, results, and problems expressed graphically, numerically, analytically, and verbally. Exploring connections among these representations builds understanding of how calculus applies limits to develop important ideas, definitions, formulas, and theorems. A sustained emphasis on clear communication of methods, reasoning, justifications, and conclusions is essential. Teachers and students should regularly use technology to reinforce relationships among functions, to confirm written work, to implement experimentation, and to assist in interpreting results.

154 AP Calculus BC [grades 11-12]

(yearlong: 1 Academic Credit)

Requires departmental approval, which is based on previous math grades, PSAT math performance, and teacher recommendation.

AP Calculus BC focuses on students' understanding of calculus concepts and provides experience with methods and applications. Through the use of big ideas of calculus (e.g., modeling change, approximation and limits, and analysis of functions), each course becomes a cohesive whole, rather than a collection of unrelated topics. This course requires students to use definitions and theorems to build arguments and justify conclusions. The course features a multi-representational approach to calculus, with concepts, results, and problems expressed graphically, numerically, analytically, and verbally. Exploring connections among these representations builds understanding of how calculus applies limits to develop important ideas, definitions, formulas, and theorems. A sustained emphasis on clear communication of methods, reasoning, justifications, and conclusions is essential. Teachers and students should regularly use technology to reinforce relationships among functions, to confirm written work, to implement experimentation, and to assist in interpreting results.

159 Advanced Math Topics: Multivariable Calculus and Differential Equations [grades 12]
(yearlong: 1 Academic Credit)

Requires administrative and departmental approval, which is based on previous math grades, PSAT math performance, and teacher recommendation.

This yearlong course covers a typical college-level Calculus III curriculum, including vectors and vector-valued functions, curves and surfaces in space, partial derivatives and gradients, multiple integration, and line and surface integrals. Students will register for this course online and will work independently. There may be additional costs for this course depending on enrollment.

SCIENCE

A minimum of three credits are required for graduation, but students seeking admission to a four-year public university in South Carolina must earn a minimum of four credits in science.

245 Conceptual Physics [grade 9]
(yearlong: 1 Academic Credit)

This is a lab-based qualitative study of the central concepts of physics that concentrates on matter and energy, and Newtonian mechanics. The goal of the course is to develop conceptual understanding of basic physical principles while developing critical thinking and problem solving skills. The course will also focus on reinforcing the connections between the algebra-1 course and the conceptual physics course. An emphasis on data collection and analysis using linear graphs are stressed in the laboratory and involve the use of analog as well as electronic data collection techniques. Logger Pro ® software will be used in data analysis. The pacing and mathematical skills required are appropriate for students currently enrolled in Algebra I.

251 Physics I [grade 9]
(yearlong: 1 Academic Credit)

Prerequisite: Algebra I

This is a lab-based qualitative study of the central concepts of physics that concentrates on matter and energy, and Newtonian mechanics. The goal of the course is to develop conceptual understanding of basic physical principles while developing critical thinking and problem solving skills. Data collection and analysis are stressed in the laboratory and involve the use of analog as well as electronic data collection techniques. Logger Pro ® will be used in data analysis. The pacing and mathematical skills required are appropriate for students currently enrolled in Geometry.

248 Honors Physics I [grade 9]
(yearlong: 1 Academic Credit)

Prerequisite: Geometry

Requires an A- or better in 8th grade science and math courses and department approval.

This is a lab-based qualitative and quantitative algebraic study of the central concepts of physics that concentrates on matter and energy, and Newtonian mechanics. The course emphasis is on conceptual understanding and critical thinking and problem solving skills as well as quantitative analysis of physical principles. Data collection and quantitative analysis are stressed in the laboratory and involve the use of analog as well as electronic data collection techniques. Logger Pro ® software will be used in data analysis. Computational modeling and the use of coding in the Pyret computer language will also be a part of the course experience. The course moves at a faster pace than the regular physics-1 course and requires stronger math skills than a non-honors course.

The pacing and mathematical skills required are appropriate for students with a strong algebra foundation and are currently enrolled in Algebra 2.

235 Chemistry I [grade 10]

(yearlong: 1 Academic Credit)

Prerequisite: Physics I

This course is a lab-based approach to exploring and investigating fundamental principles and concepts of chemistry. Topics include: matter and behavior, periodic properties and patterns, nomenclature, qualitative/quantitative analysis of reactions, stoichiometry, calorimetry and molecular structure. There is a strong emphasis on concept building, basic problem solving skills, application of math and calculator skills, scientific report writing, and research of related chemical issues.

236 Honors Chemistry I [grade 10]

(yearlong: 1 Academic Credit)

Prerequisite: Physics I

Requires departmental approval, which is based on previous science and math grades, PSAT math performance, and teacher recommendation.

This course is an interactive lab-supported study of chemical principles requiring strong problem-solving skills and experimental analysis, sound scientific report writing skills, and ready math acumen. Instructional topics include all those in Chemistry I, as well as additional topics and lab techniques. The topics beyond chemistry I may include: thermochemistry, spectrophotometry, titrations, and advanced solution preparation. Experimentation is regularly student designed with greater mathematical complexity and logical interpretation.

210 Biology I [grade 11]

(yearlong: 1 Academic Credit)

Prerequisite: Physics I, Chemistry I

This introductory course will follow a molecular and cellular biology approach and emphasize six unifying principles: 1) Evolution: principles and products of change, 2) Genetic continuity and reproduction, 3) Cellular growth, development, and differentiation, 4) Ecological principles and interactions within our ecosystem, 5) The diversity of life, and 6) Science, technology, and society. Laboratory experiences are integral to learning cooperative learning, critical thinking, technical writing, problem solving, data collection and analysis, as well as developing an understanding of fundamental lab techniques and biological concepts.

217 Honors Biology I [grade 11]

(yearlong: 1 Academic Credit)

Prerequisite: Physics I, Chemistry I

Requires departmental approval, which is based on previous science and math grades, PSAT math performance, and teacher recommendation.

This course is an inquiry-based study of molecular and cellular biology, including biochemistry, cellular energetics, genetics, biotechnology, evolution, diversity of life, and ecology. Critical thinking is fostered with problem solving activities. The pacing and depth of study are designed to prepare students for Advanced Placement science courses.

240 Astronomy [grade 10-12]

(one semester: **Spring Semester**: 0.5 Academic Credit)

Prerequisite: Physics I, Geometry

This course includes an historical analysis of the development of the basic concepts of modern astronomy and of current theories of astronomy and cosmology. Topics include the history of astronomy, the study of gravity and motion, optical astronomy, the solar system, properties of stars, stellar evolution, galaxies, and cosmology. Modern astronomy, physics, and space exploration will be connected with units on ray optics, telescopes, and spectroscopy. Extensive use of Internet material is interposed at various times in the course. Students must attend a minimum of 2 evening or early morning star-gazing programs and a possible, after hours, field trip to a meeting of the Midlands Astronomy Club or Planets for the People.

(offered on a rotating basis)

208 Advanced Science Topics: Forensics [grades 12] (one semester)

(one semester: **Fall or Spring Semester**: 0.5 Academic Credit)

Prerequisite: Chemistry and Biology.

This course surveys key topics in forensic science, including the application of the scientific process to forensic analysis, procedures and principles of crime scene investigation, physical and trace evidence, and the law and courtroom procedures from the perspective of the forensic scientist. Students learn about forensic tools, technical resources, forming and testing hypotheses, proper data collection, and responsible conclusions.

(offered on a rotating basis) NOT OFFERED IN 2022-2023

203 Advanced Science Topics: Genetics [grade 12] (one semester)

(one semester: **Fall or Spring Semesters**: 0.5 Academic Credit)

Prerequisite: Chemistry and Biology.

This course surveys key topics in the field of genetics, including Mendelian genetics, the chromosomal and molecular basis of inheritance, biotechnology, and bioethics. Students learn about genetic analysis tools, forming and testing hypotheses, proper data collection, and forming conclusions. The laboratory component emphasizes genetic analysis of the principles of heredity.

(offered on a rotating basis) NOT OFFERED IN 2022-2023

253 Honors Biology II A: Flora and Fauna [grade 12]

(one semester: **Fall Semester**: 0.5 Academic Credit)

Prerequisite: Chemistry and Biology. Concurrent enrollment in Biology required for juniors.

This course is a survey of the diversity of life, including plants, animals, bacteria, viruses, fungi, and protists. Building on the tenants of Biology I, students will learn how to classify and identify the world around them. Emphasis will be on the interactions between living and nonliving organisms and evaluation of the impacts these organisms have on humans and ecosystems. The laboratory component focuses on comparative anatomy and students will have the chance to frequently observe living specimens under the microscope.

272 Honors Biology II B: Anatomy and Physiology [grade 12]

(one semester: **Spring Semester**: 0.5 Academic Credit)

Prerequisite: Chemistry and Biology. Concurrent enrollment in Biology required for juniors.

This course is a survey of the structure and function of the major human body systems. An introduction to life and body organization and each of the major organ systems of the body will be investigated. Emphasis will be on how the body systems work together to provide homeostasis, how the body functions in the healthy and diseased states, and bioethical concerns. The laboratory component emphasizes gross and histological anatomy through dissections and investigations of physiological processes.

220 AP Biology**224 AP Biology Lab** [grades 11-12]

(yearlong: 1.5 Academic Credit)

Prerequisite: Physics and Chemistry. Requires departmental approval, which is based on previous science and math grades, PSAT performance, and teacher recommendation.

The AP Biology course is designed to be the equivalent of a two-semester college introductory biology course for science majors. The intent of the course is to enable students to develop advanced inquiry and reasoning skills, such as designing experiments, representing and describing data, conducting statistical tests, analyzing data, and justifying scientific arguments using evidence. Core concepts and their application via science practices are the basis of the AP Biology curriculum. Core concepts include the chemistry of life, cell structure and function, cell energetics, cell communication and the cell cycle, heredity, gene expression and regulation, natural selection, and ecology. Additional lab periods and the AP Biology Exam are required.

234 AP Chemistry**226 AP Chemistry Lab** [grade 11-12]

(yearlong: 1.5 Academic Credit)

Prerequisite: Physics and Chemistry. Requires departmental approval, which is based on previous science and math grades, PSAT performance, and teacher recommendation.

AP Chemistry provides students with a college-level foundation to support future advanced coursework in chemistry. Students will cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics in atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, advanced stoichiometry, thermodynamics and equilibrium. Additional lab periods and the AP Chemistry Exam are required.

(offered on a rotating basis: odd numbered years)

225 AP Environmental Science [grade 12]

(yearlong: 1.0 Academic Credit)

Prerequisite: Physics, Chemistry and Biology. Requires departmental approval, which is based on previous science and math grades, PSAT performance, and teacher recommendation.

This course is designed to be the equivalent of a one-semester, introductory college course in environmental science. The goal of the course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems, both natural and human-made, to evaluate the relative

risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Successful completion of the AP Environmental Science course will enable students to undertake, as first-year college students, a more advanced study of topics in environmental science or, alternatively, to fulfill a basic requirement for a laboratory science. Additional lab periods and the AP Environmental Science exam are required.

260 AP Physics C- Mechanics [grades 11-12]

261 AP Physics C-Mechanics Lab (yearlong: 1.5 Academic Credit)

Prerequisite: Physics, Chemistry and Biology. Completion or concurrent enrollment in Calculus is required.

Requires departmental approval, which is based on previous science and math grades, PSAT performance, and teacher recommendation.

AP Physics C-Mechanics is a college level, calculus-based course in classical mechanics that is designed to prepare students for the AP Physics exam in mechanics. The course objectives are to provide students with an in-depth understanding of Newtonian mechanics and to help them develop successful problem-solving strategies for real physical problems. Students will also develop the skills associated with experiment design, data collection, and various analysis techniques. The main topics in this course are motion, forces, kinetic and potential energy, rotation, angular momentum, equilibrium, gravitation and oscillations. Additional lab periods and the AP Physics C (mechanics only) exam are required.

(offered on a rotating basis: even numbered years)

SOCIAL STUDIES

350 Modern World History [grade 9]

(yearlong: 1 Academic Credit)

Modern World history, a required year-long course for all ninth graders, is a course that examines the development of global processes from the period of the late Middle Ages to modern day. Students learn to recognize how societies have developed by studying the evolution of ideas, culture, government, economy, and society. In addition to exploring the nature of world societies, this curriculum is designed to develop critical reading, writing, research, and thinking skills. Working independently and cooperatively, students learn to “think and act like historians” by comparing, contrasting, and evaluating primary and secondary sources.

370 Economics [grade 10-12]

(one semester: **Fall and Spring Semester**: 0.5 Academic Credit)

This course will incorporate components of economic philosophy and economic systems. Students will then examine basic economic principles to include the operation of product and factor markets, the role of government in markets, and the workings of the financial sector. The course is intended to increase awareness of how our society functions, both politically and financially. In addition to unit exams and a term paper, students will be responsible for keeping abreast of relevant current events and actively participating in class discussions.

375 Government [grade 10]

(one semester: **Fall and Spring Semester**: 0.5 Academic Credit)

This course is a comprehensive study of the United States (U.S.) government presented to include the role of politics within the republic. Historical analysis of the U.S. Constitution with independent study of the legislative, executive, and judicial branches through the established system of checks and balances will guide the course. Students will also be introduced to the government’s role in protecting civil liberties and the evolution of civil rights throughout our nation’s history. A political science research project will be completed at the end of the semester.

378 AP United States Government and Politics [grades 10-12]

(yearlong: 1 Academic Credit)

Requires departmental approval, which is based on previous history grades, PSAT performance, and teacher recommendation.

Students will study broad theories of the United States (U.S.) government, analyzing data and text-based sources to provide a thorough understanding of U.S. political processes and functions of government, as established by the Constitution. The powers and roles of the three branches of government will be emphasized, with modern political concepts applied to this historical framework. Political participation and the development of public opinion as a byproduct of mass media, interest groups, and political parties will be analyzed. The course will also provide a study of civil liberties and civil rights, and their interpretation as ruled by the U.S. Supreme Court. A political science research project will be completed during the third quarter. Students will master the writing skills necessary to apply political concepts and Supreme Court decisions to scenarios in context, interpret quantitative data and foundational documents, and develop an argument in essay format. All students enrolled in this course are required to take the Advanced Placement United States Government and Politics Examination.

317 Honors Studies in Leadership and Applied Journalism [grades 10-12]

(yearlong: 1 Academic Credit)

Honors level course will provide a comprehensive study of leadership resulting in the production of published podcasts on the topic of leadership. Students will examine various models and theories of leadership, including case studies of effective leaders throughout history. Factors affecting leadership in government, social movements, athletics and business will also be studied. Meetings with local leaders from each of these fields will further demonstrate varied styles of leadership. The course will also provide instruction in journalistic skills to include creative writing and interviewing techniques. Students will become proficient in the technology applications essential in the production of podcasts. These skills will be utilized in the scheduling, creation, and post-production work of podcasts featuring interviews with notable leaders, both locally and nationally. Promotion of the podcasts will allow participants to develop and utilize marketing skills while sharing their work with the Heathwood community, and beyond.

(offered every other year-in even years)

325 United States History [grade 11]

(yearlong: 1 Academic Credit)

United States history is a course designed to provide students with the opportunity to acquire an understanding of the chronological development of the American people and government by examining the political, economic, social, religious, military, and cultural events that have affected the rise and growth of the nation. This curriculum is designed to further develop the students' ability to think critically about readings, strengthen skills in writing and research, and evaluate and analyze historical interpretations using primary and secondary sources.

326 AP United States History [grade 11]

(yearlong: 1 Academic Credit)

Requires departmental approval, which is based on previous history grades, PSAT performance, and teacher recommendation.

AP United States History is designed to develop students' analytical and writing skills, and further develop their content knowledge of American History. The course provides preparation for intermediate and advanced college courses. In addition to reading various college-level historical interpretations, students examine a wealth of primary documents, maps, statistics, and pictorial evidence of America's past. Students learn to provide sophisticated written analysis of the central themes and relevant documents of United States history. Classroom activities include lecture and group discussions, scaffolded writing exercises and a short research paper. All students enrolled in this course are required to take the Advanced Placement United States History Examination.

308 Conflict in the 20th Century [grades 11-12](one semester: **Fall Semester**: 0.5 Academic Credit)

This is a survey course designed to introduce students to significant military conflicts, both large and small, that occurred during the 20th century. Students will be asked to read primary and secondary source materials, analyze historical events for causation and outcome, and to write short, analytical papers on various topics pertinent to the course. They will apply their knowledge in a capstone simulation at the end of the class.

(offered on a rotating basis)

History of the Ancient Mediterranean [grades 10-12]

(one semester: **Fall Semester**: 0.5 Academic Credit)

The History of the Ancient Mediterranean course offers students the opportunity to engage with the ancient Egyptian, Greek, and Roman cultures through a survey of their art, archaeology, architecture, history, and literature. The course begins with a look at Egyptian unification efforts under Narmer in the 31st century BCE and the development of Egyptian hieroglyphics and engineering. Students will then delve into the Greek world, stretching from the Minoans and Mycenaeans to Perikles and the rise of Alexander. The course concludes with a survey of the Romans, from their mythical founding by Romulus through the long-standing republic and expansive empire.

(offered on a rotating basis-not offered 2022-2023)

301 Introduction to Finance [grades 11-12]

(one semester: **Fall Semester**: 0.5 Academic Credit)

Prerequisite: Precalculus

This course offers an introduction to the basics of financial management decision-making. The course will cover the fundamentals of financial statements and how to measure the short and long term health of a business through the use of financial ratios. The course will also explore how a company creates value through capital allocation. Upon completion of the course, the student will have a better understanding of how financial institutions and capital markets operate.

(offered on a rotating basis)

718 Multicultural Studies [grades 9-12] (one semester)

(one semester: **Spring Semester**: 0.5 Academic Credit)

**May still be counted as a religion graduation credit for the Class of 2023 and 2024.*

The course is designed to provide students with an introduction to multicultural studies and some of the challenges and opportunities presented by an expanding global and more interconnected society. Students will examine different cultures within the United States of America. They will explore various expressions for living to include, but not limited to, cultural identifiers such as social class, gender, ethnicity, and religion. Classroom activities will include discussions, small group dialogue, computer lab research, special projects and student presentations.

338 Honors Psychology I [grades 11-12] (one semester)

(one semester: **Fall Semester**: 0.5 Academic Credit)

Requires departmental approval, which is based on previous grades, PSAT performance, and teacher recommendation.

This course offers an introduction to psychology. Students cultivate their understanding of the systematic and scientific study of human behavior and mental processes through inquiry-based investigations as they explore concepts like the biological bases of behavior, sensation and perception, learning and cognition, and motivation.

339 Honors Psychology II [grades 11-12] (one semester)

(one semester: **Spring Semester**: 0.5 Academic Credit)

Prerequisite: Honors Psychology I

Requires departmental approval, which is based on previous grades, PSAT performance, and teacher recommendation.

This course offers a continuation of the introduction to psychology. Students will cover the major themes and findings from various subfields of psychology through inquiry-based investigations. This will include areas such as developmental psychology, cognitive psychology, social psychology, and clinical psychology. Upon completion of both Honors Psychology I and Honors Psychology II, students *may be* able to take the AP Psychology exam in May.

Students who have taken Psychology prior to 2022-2023 may be able to take Honors Psychology II without taking Honors Psychology I and may be able to take the AP exam in May with additional AP work.

387 AP Human Geography [grades 11-12]

(yearlong: 1 Academic Credit)

Requires departmental approval, which is based on previous history grades, PSAT performance, and teacher recommendation.

Equivalent to an introductory college course in human geography, this course introduces students to the systematic study of patterns and processes that have shaped human understanding, use and alteration of the Earth's surface. Students learn how to interpret maps and to employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. Main topics include the dynamics of human population growth and settlement patterns, cultural dimensions, economic activities, political organization, agriculture and rural land use, urbanization, regionalization, and globalization. All students enrolled in this course are required to take the Advanced Placement Human Geography Examination in May.

371 AP Microeconomics [grade 11-12]

(one semester: **Spring Semester**: 0.5 Academic Credit)

Prerequisite: Algebra II and Introduction to Economics

Requires departmental approval, which is based on previous history grades, PSAT performance, and teacher recommendation.

AP economics is an introductory college-level course that focuses on the principles of economics that apply to the functions of individual economic decision-makers. The course also develops students' familiarity with the operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. All students enrolled in this course are required to take the Advanced Placement Microeconomics Examination in May.

348 AP European History [grade 12]

(yearlong: 1 Academic Credit)

Requires departmental approval, which is based on previous history grades, PSAT critical reading performance, and teacher recommendation.

This is designed to be the equivalent of an introductory college survey of modern European history. Students investigate significant events, individuals, developments, and processes from approximately 1450 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. Students explore themes throughout the course in order to make connections among historical developments in different times and places: interaction of Europe and the world, economic and commercial development, cultural and intellectual development, states and other

institutions of power, social organization and development, national and European identity, and technological and scientific innovations. All students enrolled in this course are required to take the Advanced Placement European History Examination in May.

WORLD LANGUAGES

Beginning in the seventh grade, Heathwood Hall students may begin a two-year foreign language study that provides one upper school credit. Students may select among French, Latin, and Spanish. Each class emphasizes grammar, vocabulary, speaking, reading comprehension, and writing skills. If a student receives a year-end grade of a D to a C- (65-72) in a first or second year course, it is encouraged that he or she completes summer work before moving on to the next course level.

412 French II

(yearlong: 1 Academic Credit)

Prerequisite: French I or IB

Students continue to develop their reading, writing, oral and aural skills as they are exposed to more detailed, authentic texts and videos in the language. Emphasis is placed on interpretive activities that build interpersonal and presentational communication. A more detailed study of grammar provides students a strong communicative base on which to create more sophisticated language. There is a strong emphasis on culture. By the end of the year, students are able to understand and interpret written and spoken language on a variety of topics: Traveling and vacationing, daily routine, childhood memories, creative writing, ways of communication, holidays and celebrations, high school, stereotypes, *Le Chandail* by Roch Carrier.

413 French III

(yearlong: 1 Academic Credit)

Prerequisite: French II

There is a strong emphasis on communication and culture. The communication standard stresses the use of language for communication in "real life" situations. It emphasizes, "What students can do with language" rather than "what they know about language." Students are asked to communicate in oral and written form, interpret oral and written messages, show cultural understanding when they communicate, and present oral and written information to various audiences for a variety of purposes. Cultural understanding is an important part of world languages education. Experiencing other cultures develops a better understanding and appreciation of the relationship between languages and other cultures, as well as the student's native culture. Students become better able to understand other people's points of view, ways of life, and contributions to the world. Teacher approval is required at the end of this course to place into level IV as well as a minimum grade of 80% for the year. Topics include: *La dernière classe* by Alphonse Daudet, inequalities, current events, the European Union, college life, the environment, the French-speaking world, *La belle et la bête* by Jeanne Marie Leprince de Beaumont, famous French people.

416 Honors French IV

(yearlong: 1 Academic Credit)

Requires departmental approval; minimum grade of B in French III; open to high-achieving 11th and 12th grade students with a genuine interest in the study of the French language and culture.

Through literary and document based readings, more in-depth grammar, and extensive writing and speaking, students are asked to verbalize ideas, do comparative studies and discuss cultural points. The experienced language learner will also be exposed to a variety of key topics in French culture and current events, using them as a content guide to create discussions, debates and presentations. Students will practice and develop accuracy, clarity and precision in conveying their intended message. Topics include: *Au-revoir les enfants* by Louis Malle, family structures, religions, immigration, technology and commerce, healthcare, politics, media, work and free time.

419 AP French V

(yearlong: 1 Academic Credit)

Requires departmental approval; open to students who satisfactorily complete Honors French IV with a minimum grade of B.

The AP French Language and Culture course is intended for students who have successfully completed four years of French study and demonstrated the enthusiasm and aptitude necessary for a college-level course. These students have shown significant competence in the interpersonal, interpretive, and presentational modes of communication. This course will be structured around six themes: global challenges, science and technology, contemporary life, personal and public identities, families and communities, and beauty and aesthetics. In each unit students will focus on a variety of sources, including but not limited to current events, literature, and film. The goal will be to refine communication skills as well as an understanding of the relationship between cultural practices and perspectives.

432 Latin II

(yearlong: 1 Academic Credit)

Prerequisite: Latin I or Latin IB

This course builds on the foundations laid in Latin I. Students will acquire a deeper understanding of Classical Latin and ancient Roman culture through the development of their vocabulary, grammar, and syntax, including pronouns, passive voice, participles, infinitives, and subjunctives. Students will read short, unadapted works as well as longer, adapted works by authors like Vergil, Caesar, Catullus, and Cato to build their reading and recognition skills. Students will also engage in regular projects including *bullae*, curse tablets, and the *cursus honorum* that will require them to make connections between ancient Rome and the modern world.

434 Latin III

(yearlong: 1 Academic Credit)

Prerequisite: Latin II

This course will complete students' introduction to Latin grammar and syntax, including topics like subordinate clause constructions, deponents, irregular verbs, gerunds, and supines. Students will begin reading longer, more complex Latin texts, including excerpts from Petronius and the entirety of Cornelius Nepos' *Life of Hannibal*. Alongside these unadapted texts, students will delve into the study of ancient Roman culture through projects and they will be tasked with creating deeper, more substantial connections between the ancient Roman world and our own.

436 Honors Latin IV (Pre-AP)

(yearlong: 1 Academic Credit)

Requires departmental approval; open to high-achieving juniors and seniors interested in following the Pre-AP program.

Students in this course will read original, unadapted works from Classical Age authors. In the first semester, students will delve into the poetry of Catullus, a poet whose passionate works give readers indelible insights into the lives of ancient Romans. In the second semester, students will survey excerpts from Vergil's *Aeneid* and Julius Caesar's *De Bello Gallico*, two of the most impactful surviving works of verse and prose in the Latin language. Students will also begin analyzing more complex paragraph and argument structures, rhetorical and poetic devices, metrical practices, and elements of style.

439 AP Latin V

(yearlong: 1 Academic Credit)

Requires departmental approval; open to students who satisfactorily complete Honors Latin IV.

Developed for the College Board's Advanced Placement Latin Exam, this course will ask students to read a significant portion of Vergil's *Aeneid* Books 1, 2, 4, and 6, sections of Books 1, 4, 5, and 6 of Julius Caesar's *De Bello Gallico* in Latin, and excerpts of both in English. Themes include an analysis of Roman values on leadership, war and empire, human beings and the gods, views of non-Romans, and history and memory. As the capstone course in the Latin program, students will demonstrate their advanced recognition of literary style, with an emphasis on contextualization, reading comprehension, translation, textual analysis, and argumentation. In May, students are required to sit for the AP Latin exam, and those who successfully complete the AP Latin course and earn a grade of 3 or higher on the exam may be eligible to receive college credit and/or may be allowed to enter higher level Latin courses in college.

460 Spanish I

(yearlong: 1 Academic Credit)

This introductory course teaches the basics of the Spanish language and provides a foundation on which the student can develop reading, writing, oral and aural language skills. Students learn to communicate in a variety of social settings using simple sentences, creating language by combining familiar vocabulary and grammar structures. They read and write about school, classes, family members, friends, hobbies, culture, countries and maps, and sports. Students learn how to talk about where they are going, and what they are going to do, as well as what they have to do. They discuss likes, wants, preferences and interests. To improve listening skills, students listen to native speakers in videos, songs and online recordings. To develop better speaking, students create simple skits from the material studied or seen. Culturally, students are exposed to greetings, soccer, songs, famous Hispanics, Mexico (art, food, independence, Mayan civilization and silver mining), and celebrations and places in Spain. By the end of the year, a level one student should be able to sustain basic conversations, express personal observations, understand and respond to direct questions in present tense Spanish, and follow and give instructions to destinations (right, left, behind, etc.). Topics include: Greetings/goodbyes, courtesy expressions, counting, telling time, people/places of the university, courses of study/classes, making basic questions, family relationships, professions and descriptions, the weekends, hobbies/pastimes, places in the city, travel and vacations, seasons and weather.

462 Spanish II

(yearlong: 1 Academic Credit)

Prerequisite: Spanish I or IB

In this intermediate course, students continue to develop reading, writing, oral and aural skills as they are exposed to more detailed, authentic texts, videos, and songs in the language. Emphasis is placed on interpretive activities that build interpersonal and presentational communication. Students discuss relationship topics, such as dating, marriage and divorce. They interview friends about feelings, favorite pastimes and sports, and learn to narrate a situation using the present and past tenses. Daily routines are an important part of life, and students learn to share and elaborate on their individual tasks. Cultural understanding is an important part of world languages education, and it allows a student to see connections within their own culture, as well as within other cultures of the world. Spanish two students are exposed to various “real life” situations such as paying compliments to someone, meeting for coffee, discussing music, arguing a point of interest, listening to a news story, asking and answering questions about an event in the past, giving instructions on a task, etc. Bullfighting has changed over the years, but it continues to be important in many parts of the Spanish speaking world. Level two students read a detailed explanation of the historical bullfight, and watch several videos on the differences found in the modern version. They write and present their opinions using more sophisticated language. By the end of the year, students can offer a defense for personal opinions, interpret and respond to social situations in the language, give instructions on simple tasks, and relate information in the present and past tenses. Topics include: Level 1 review, personal relationships, personality, emotional states, feelings, dating, Pablo Neruda, personification, Poema 20, fun activities, music and theater, recreational places, sports, likes/interests/hurts, daily routines, El toreo - history, culture & people of bullfighting, daily life, chores, shopping, Picasso - el Guernica, Diego Velázquez - Las Meninas/Old Lady Frying Eggs, health/wellbeing

464 Spanish III

(yearlong: 1 Academic Credit)

Prerequisite: Spanish II

The third in a series of three required consecutive levels, Spanish III introduces more sophisticated sentence structures and verb tenses such as the four subjunctive tenses. The students are expected to engage in meaningful conversation with ease, to understand the essential points of a lecture, narrative, conversation or explanation. Students have ample opportunities to do presentations. Topics include: health and wellbeing, travel, nature, technology and science, economy and work, pop culture and methods of communication, literature and art, politics and religion, and history and civilization. Teacher approval is required at the end of this course to place into level IV as well as a minimum grade of 80% for the year.

466 Honors Spanish IV (Pre-AP)

(yearlong: 1 Academic Credit)

Prerequisite: Spanish III

Requires departmental approval; open to high-achieving juniors and seniors interested in following the Pre-AP program.

Through literary and document based readings, more in-depth grammar, and extensive writing, students are asked to verbalize ideas, do comparative studies and discuss literary points. Listening comprehension is brought to a higher level with audio broadcastings, authentic films and student

participation in class discussions. The course provides extensive practice in the following modes of communication: Interpersonal writing/ speaking; Presentational writing/speaking. Topics include origins of hispanic culture: Europe, origins of hispanic culture: Americas, religion in the Spanish-speaking world, family aspects in the hispanic world, men and women in hispanic society, customs and beliefs, economic aspects of Hispanic America, revolutionary movements of the 20th century, education in the hispanic world, and the city in the hispanic world.

469 AP Spanish V

(yearlong: 1 Academic Credit)

Requires departmental approval; open to students who satisfactorily complete Honors Spanish IV.

This course focuses on the preparation needed to successfully master the skills and material for the AP Spanish Language Examination in May. The development of skills in answering Document Based Questions and in recording such answers and presentations are essential to this course. There is an expectation of grammar mastery by the fifth level, and its application to correct writing of essays and short personal correspondence is also crucial. Listening comprehension is broadened by listening and understanding authentic broadcasts and tapings. This is a rigorous course that provides preparation for intermediate and advanced college placement in Spanish. Themes covered include family and community, science and technology, beauty and aesthetics, contemporary life, global challenges, and personal and public identities.

002 English Enrichment

(yearlong: 1 Academic Credit)

English Enrichment is a course that is required of all non-native English speakers studying full-time in the United States for the first time and constitutes a student's foreign language class for the year. Class activities are designed to strengthen students' English skills in reading, writing, speaking and listening; guide and assist students in their exposure to both American life and school culture; to provide targeted work in English grammar, vocabulary, idiom; and to prepare students for their work with the TOEFL examination.

RELIGION

*One credit is required to meet Heathwood's graduation requirement. All of the courses below are one semester in length, so students must take a minimum of two. Some of the classes, as indicated, may be counted as either a social studies or religion credit. *Starting with the class of **2023**, students will be required to take a one semester course in Old Testament or New Testament and an additional semester religion course of their choice. *Starting with the class of **2025**, Mythology, Multicultural Studies and Philosophy will no longer fulfill a religion graduating requirement.*

719 Religious Study: Liturgy [grades 9-12]

(one semester: **Yearlong/Alternating**: 0.5 Academic Credit)

Prerequisite: Old Testament or New Testament

In this course, students will look closely at the theology of the Book of Common prayer. Using this insight and the Revised Common Lectionary students will be responsible for creating Chapel each week. Their creativity combined with the structure and history of the prayer book will help to inform chapel for the year.

710 New Testament [grades 9-12]

(one semester: **Fall Semester and Spring Semesters**: 0.5 Academic Credit)

This is a survey course of the New Testament that will include an in depth comparison of the four gospels. Students will also closely examine the historical Jesus and then from this knowledge develop a theological framework of Christianity.

713 Old Testament [grades 9-12]

(one semester: **Fall and Spring Semesters**: 0.5 Academic Credit)

This introductory course will focus on the Torah walking through Genesis and Exodus to gain insight into the Abrahamic religions of Judaism, Christianity, and Islam. Students will focus on the line of Abraham and the Old Testament law.

720 World Religions [grades 9-12]

(one semester: **Fall or Spring Semester**: 0.5 Academic Credit)

Prerequisite: Old Testament or New Testament

World Religions is designed to introduce students to the five major world religions; Hinduism, Buddhism, Judaism, Christianity, and Islam. Students will learn the basic tenets of each faith, study the religious texts associated with each, and learn about the contemporary cultural manifestations of the faith practices.

732 Women in the Bible: [grades 10-12]

(one semester: **Yearlong/Alternating**: 0.5 Academic Credit)

Prerequisite: Old Testament or New Testament

In this class students will take a deep dive into the role of women in scripture. Studying the stories of the Old Testament (Eve, Rebekah, Sarah, Esther) and the New Testament students will discover the role of women throughout history in following God's plan and proclaiming the gospel message. In addition to scripture we will use writers like Evangeline Anderson, Rajkumar Rajula and Annie

Watson to help us think theological about the role of women in history and the role of women of faith today. (offered on a rotating basis-not offered 2022-2023)

FINE ARTS

550 Acting [grades 9-12]

(one semester: **Fall Semester**: 0.5 Fine Arts Credit: Pass/Fail)

Acting is a course designed for serious theatre students seeking to explore and develop their acting skills. Students will focus on character creation and development, the actor's tools, and the actor's process. Projects will range from physical and vocal character explorations to monologue and scene study. The course will include a final performance, selected and voted on by students. Acting students will also have the opportunity to participate in various guest artist workshops, contribute to Heathwood Drama productions and attend Drama Festivals throughout the year. *This course may be taken more than once.*

521 Art History [grades 9-12] (VAC)

(one semester: **Spring Semester**: 0.5 Fine Arts Credit: Academic Credit)

In Art History, students will explore the age-old question of "what is art" by studying the major artistic movements from prehistory through the modern era. Students will develop a discerning eye by comparing and contrasting works of art from around the globe. The course will allow students to bring art to life by test-driving various artistic media and taking field trips to galleries and art museums. *(offered on a rotating basis-not offered 2022-2023)*

531 Band [grades 9-12]

(one semester: **Yearlong/Alternating**: 0.5 Fine Arts Credit: Pass/Fail)

In the upper school band class, instrumentalists continue to develop their music reading skills and knowledge of their individual instruments. An emphasis on overall musicianship is achieved through preparation for performances as a large ensemble and with smaller groups. In addition to two formal performances in the fall and spring, the Jazz Band, Pep Band and various chamber ensembles can be heard throughout the school year at a variety of events and chapel services. Band students also have the opportunity to audition for the South Carolina Region Band and All State ensembles, which are composed of students representing both public and independent schools. *This course may be taken more than once.*

506 Ceramics [grades 9-12] (one semester) (VAC)

(one semester: **Spring Semester**: 0.5 Fine Arts Credit: Pass/Fail)

This course is a survey of methods and techniques used to manipulate clay into form. Slab, coil and other hand-building processes will be covered with an introduction to the potter's wheel and basic throwing techniques. Sculptural and functional purposes will be examined as various glazing techniques are also explored.

Chorus [grades 9-12]**540 Chorus-A-Yearlong/Alternating**

(one semester: **Yearlong Alternating**: 0.5 Fine Arts Credit: Pass/Fail)

This course is designed for the performance of musical selections utilizing the study of music theory, music history, and ear training. Students experience training in breathing techniques, posture, diction, intonation, balance and overall musical aspects of the voice. Seasonal concerts and community performances are required functions. Selected students may participate in solo and ensemble festivals, All State Chorus auditions, regional and national festivals. After-school or before-school rehearsals may be required. *This course may be taken more than once.*

527 Collage Art [grades 9-12] (VAC)

(one semester: **Fall Semester**: 0.5 Fine Arts Credit: Pass/Fail)

This course is an introduction and study of using found materials and mixed media for personal artistic expression. Students will cut, arrange, assemble, manipulate and/or embellish found materials into original two-dimensional compositions. Repurposed materials such as fabric, product packaging, clippings from magazines and books, etc., will be strategically utilized to create expressive artworks. Students will learn techniques for cutting, glueing, and manipulating various materials and become familiar with historical artists who have produced collage-based artworks.

(offered on a rotating basis)

548 Drawing [grades 9-12] (VAC)

(one semester: **Fall and Spring Semester**: 0.5 Fine Arts Credit: Pass/Fail)

This course is an introduction and study of drawing techniques and materials. Observational and Perspective Drawing will be learned while also practicing the fundamentals of 2-D design. Students will learn techniques for careful observation of 3-D objects and environments in order to render this observed information on a 2-D drawing surface. Students will learn and use drawing and design terminology and become familiar with important historical artists.

533 Introduction to Music Fundamentals [grades 9-12]

(one semester: **Yearlong Alternating**: 0.5 Fine Arts Credit: Pass/Fail)

Music Fundamentals is open to any student looking to further their understanding of and experience with various musical concepts and skills such as notation, rhythm, listening, harmony, history, terminology and many other aspects of overall musicianship. Beginning and expert musicians alike will benefit from dedicating time in their class schedule to learn and practice in a very hands-on, self-paced manner through the use of keyboards, percussion, voices, other instruments and technology. Music Fundamentals is designed to equip students with the prerequisite skills necessary to begin the AP Music Theory curriculum.

534 AP Music Theory [grades 10-12] (yearlong)

(yearlong: 1 Fine Arts Credit: Academic Credit)

Requires departmental approval

Music Theory provides students with an opportunity to study the many building blocks that form a musical composition. Students learn the fundamentals of music notation and spend a great deal of time developing their aural skills through sight-singing and dictation activities. The class equips students with the skills necessary to take the AP Music Theory exam, to interpret a score of music

and to compose original music. Enrollment is open to students who have been pre-approved by the music faculty for participation in this challenging curriculum.
(offered on a rotating basis-not offered 2022-2023)

575 Painting [grades 9-12] (VAC)

(one semester: **Spring Semester**: 0.5 Fine Arts Credit: Pass/Fail)

Prerequisite: Drawing

This course is an introduction and exploration of painting techniques and materials. Students become familiar with wet media through experimentation as well as the continued observational rendering practices of Drawing class. Students will learn the fundamentals of color usage while working with Acrylic and watercolor paints, mixed-media collage and basic printmaking techniques. Historical and contemporary artists will be examined through image-based lectures.

508 Photography [grades 9-12] (VAC)

(one semester: **Fall and Spring Semester**: 0.5 Fine Arts Credit: Pass/Fail)

DSLR Camera and Laptop required

This is an introduction to Digital SLR camera operation and an exploration of photographic art making practices. Personal Laptop computers will be used for basic editing and storage, but the class will focus more on the use of the camera as a tool for personal artistic expression and visual communication. The history of photographic art making will be examined.

573 Sculpture [grades 9-12] (VAC)

(one semester: **Fall Semester**: 0.5 Fine Arts Credit: Pass/Fail)

Students utilize a variety of materials and construction methods to create three-dimensional artworks having height, width, depth and essential relationships to their surrounding spaces. Students create small and large art works, indoor and outdoor, while considering site-specificity and a conceptual use of materials.

(offered on a rotating basis-not offered 2022-2023)

Studio Art [grades 11-12] (VAC)

522 Studio Art-Semester (0.5 credit)

584 Studio Art-Yearlong/Alternating (0.5 credit)

515 Studio Art-Yearlong (1 credit)

(one semester: **Fall and Spring Semester and Yearlong/Alternating**: 0.5 Fine Arts Credit: Pass/Fail)
(may be taken up to four semesters for a 1/2 credit each semester.)

Prerequisite: US Art class in the medium(s) student will continue exploring, and consent of instructor

This course is designed for highly motivated students who have acquired the foundation skills necessary to produce a self-directed body of artworks. Exploration and experimentation are encouraged in an effort to identify the student's artistic interests and goals. The student will develop and maintain a digital portfolio to track progress, which may also be used for college and scholarship applications during the student's senior year. Most class time will be used for

independent work, but periodic group exercises, critiques, lectures and films will serve to broaden the student's art making experiences and exposure to the art and criticism of others. Final semester Seniors in Studio Art will also produce a cohesive and well-presented public solo exhibition during the final weeks of the semester. For their exhibits, Seniors will research solo Art Exhibitions, produce an Artist Statement, Exhibit Card/Invitation, and be responsible for Framing, Exhibit Layout/Design and Installation.

551 Theatre Studies [grades 9-12]

(one semester: **Spring Semester**: 0.5 Fine Arts Credit: Pass/Fail)

Great theatre should not only entertain - it should also ask big questions that require personal investigation, discussion and connecting concepts. A sense of humor is helpful, but not required. We will cover a kaleidoscope of material that represents very specific theatrical points of view. You, the student, can use this material as a basis to shape your own theatrical aesthetic. Whether you are a performer or not, this course will give you exposure to classical and contemporary plays and musicals, as well as equip you with the tools to evaluate any theatrical production. Students will apply learned skills and concepts to create their own theatre company, with a vision statement and sample portfolio for its premiere production. Unlike Acting, this class is not performance-based.

This course may be taken more than once.

535 Yearbook [grades 9-12] (one semester)

(one semester: **Fall or Spring Semester**: 0.5 Fine Arts or Computer Credit: Pass/Fail)

This course is designed to support the production and publication of the school yearbook. There is limited enrollment, and excellent English and artistic skills are needed for this class. Students have the opportunity to be creative while they use their writing skills and learn new techniques in layout and composition, photography and teamwork. The software used in this class is expressly digital, and all layouts are completed on the computer. Students work individually to produce their assigned pages, and deadlines are strictly followed. A combination of creativity, attention to detail, and hard work is needed to produce a great yearbook.

TECHNOLOGY**625 Computer-Aided Design (CAD) and 3D Printing** [grades 9-12]

(one semester: **Spring Semester**: 0.5 Technology or Fine Arts Credit: Pass/Fail)

This course is for the student with an interest in advanced 3D modeling. Students will use a variety of modeling software, from very simple (TinkerCAD) to professional CAD software (Onshape), as well as 3D sculpting software (Blender). Students will have access to high-quality 3D printers to output their designs in order to alter and perfect them through several iterations.

Graphic Arts [grades 9-12] (VAC)**512 Graphic Arts-Semester****519 Graphic Arts-Yearlong/Alternating**

(one semester: **Fall Semester and Yearlong/Alternating**: 0.5 Technology or Fine Arts Credit: Pass/Fail)

This course covers the use of professional software for creating digital art, from Graphic Design to Digital Illustration. Students will engage in creative problem solving across multiple areas of graphic arts, including original expressions through digital mediums.

557 Advanced Graphic Arts [grades 9-12] (VAC)

(one semester: **Spring Semester**: 0.5 Technology or Fine Arts Credit: Pass/Fail)

Prerequisite: Introduction to Graphic Arts

This course is a continuation of the principles of the Graphic Arts course and continues beyond the basics to more advanced concepts, tools, and processes within graphic arts. Advanced study of Adobe Suite products including, but not limited to, Photoshop, Illustrator, and InDesign. Personal interests will be explored during the course, allowing students time and resources to strengthen knowledge of a chosen graphic arts area such as creative illustration with emphasis given to portfolio preparation and evaluation.

640 Introduction to Computer Programming [grades 9-12] (one semester)

(one semester: **Fall and Spring Semester**: 0.5 Technology or Fine Arts Credit: Pass/Fail)

This course will provide students with a solid background in standard computer logic, which will enhance problem-solving skills. It is designed to be a rewarding and fun learning experience for students who have no prior programming experience and also for those who have been exploring programming on their own. The curriculum centers around the CodeHS online course, which is a

series of hands-on activities, so the majority of class time will be spent learning the fundamentals of computer programming and working on programming challenges.

633 AP Computer Science-A [grades 11-12]

(yearlong: 1 Technology Credit: Academic Credit)

Prerequisite: Introduction to Computer Programming

Requires departmental approval

AP Computer Science is a college-level course that requires students to take the corresponding AP exam in May. Students will benefit from both classroom instruction and a subscription to an online course. Through the study of the Java programming language, students will learn the essentials of computer science. Topics include: data types, algorithm development, decisions and loops, arrays, structures and files, recursion, searches and sorts, data abstraction, and classes.

629 Introduction to Robotics [grades 9-12] (one semester)

(one semester: **Fall Semester**: 0.5 Technology Credit: Pass/Fail)

Introduction to Robotics teaches students the fundamentals of engineering and problem solving by having students design and build a robot. The course uses the yearly FIRST Tech Challenge season as a framework, by providing students with a specific set of goals and actions the robot should be able to complete. This course teaches students a wide variety of skills including the use of CAD programs, and programming fundamentals. Students will also gain hands-on time with the tools of the MakerSpace.

505 Video Editing [grades 9-12] (one semester) (VAC)

(one semester: **Fall Semester**: 0.5 Technology or Fine Arts Credit: Pass/Fail)

This course will cover the making and editing of video projects, digital picture enhancement, sound editing and post production DVD creation. The grade for this class will be determined by student achievement in the completion of seven different projects.

(offered on a rotating basis-not offered 2022-2023)

PHYSICAL EDUCATION

Athletics [grades 9-12]

801 Athletics-JV or Varsity Sport-1 season-0.25 credit

802 Athletics-JV or Varsity Sport-2 seasons-0.5 credit

819 Athletics-JV or Varsity Sport-3 seasons-0.75 credit

818 Athletics-JV or Varsity Sport-4 seasons-1.0 credit

A maximum of one PE credit may be granted through full participation in interscholastic athletics, at a rate of 0.25 credit per season up to 1 credit.

Strength and Conditioning [grades 9-12]

841 Strength and Conditioning-Semester

842 Strength and Conditioning-Yearlong Alternating

(one semester: **Fall and Spring Semester and Yearlong/Alternating**: 0.5 PE Credit: Pass/Fail)

Strength and Conditioning is a training course focused on building all students from the ground up by using sound exercise physiology principles based on scientific knowledge and practical experiences. Each student will take part in initial screening and assessments to determine their

current needs and a comprehensive plan will be developed based on the following criteria: moving efficiently, moving strong and moving fast. Through designated periods of the course, student progress is evaluated based on the initial screenings and assessments in order to determine progress over time. The goal of the course is to allow students to become well-rounded independent individuals who understand the importance of proper training and nutrition in order to reach optimal levels of health and performance.

815 Wilderness Exploration [grades 9-12]

(one semester: **Fall and Spring Semester**: 0.5 PE Credit: Pass/Fail)

Students are introduced to skills and techniques related to modes of wilderness exploration including climbing, paddling, and camping. At the same time, students explore aspects of ecology and geology as they relate to natural environments conducive to wilderness activities. Field trips to backcountry areas are an integral part of the class. *This course may be taken only once.*

829 Yoga [grades 9-12] (one semester)

In this class, students will utilize yoga practices to become more physically, mentally, energetically, and emotionally fit. This class will present a wide variety of yogic techniques, with an emphasis on asana practice (yoga poses) designed to develop flexibility, improve stability, and increase muscular strength and endurance. Focus will be placed on correct physical alignment and safe practice. Yoga students will learn concepts of physical fitness, identify stress reduction techniques, gain an increased ability to concentrate, learn breathing techniques and develop relaxation methods.

(offered on a rotating basis-not offered 2022-2023)

STANDARDIZED TEST PREP-STUDY HALL-STUDY SKILLS

930 SAT/ACT Standardized Test Preparation [grades 11-12] (one semester)

(one semester: **Fall Semester:** 0.5 General Elective Credit: Pass/Fail)

Students will practice techniques for enhancing performance on college admissions exams.

Although there will be some overlap with the ACT, students primarily will work on preparation strategies for all sections of the SAT: critical reading, mathematics, and writing skills. The focus of the work will be skill and concept review, vocabulary development, and test practice.

Study Hall [grades 9-11]

993 Study Hall-1st Semester

995 Study Hall-2nd Semester

994 Study Hall-Yearlong/Alternating

(one semester: **Fall and Spring Semester and Yearlong/Alternating:** 0.0 Credit)

The purpose of this course is to provide time for students to complete homework and assignments, to prepare for tests and quizzes, and to complete make-up tests and quizzes after absences.

No academic credit is given for this faculty-supervised study period.

Study Skills-AAC [grades 9-12]

967 Study Skills-AAC-2x a rotation-1semester-0.25 credit

965 Study Skills-AAC-2x a rotation-2 semesters-0.50 credit

966 Study Skills-AAC-4x a rotation-2 semesters-1.00 credit

(**Fall and Spring Semester-as scheduled with AAC tutor:** 0.25 or 0.5 Elective Credit: Pass/Fail)

Individualized tutoring in specific content areas is available to HHES students who require additional academic support to master subjects and study skills. Students may earn non-academic credit for individual sessions with academic tutors that take place during study halls. Credit depends on the number of Academic Achievement Center sessions scheduled. *Attending AAC 2 times/rotation for 1 semester=0.25 credit. Attending AAC 2 times/rotation for 2 semesters=0.5 credit. Attending AAC 3 times/rotation for 1 year=0.75 credit. Attending AAC 4 times/rotation every day over the year=1.0 credit.*

ACADEMIC FOUR-YEAR RECORD/PLAN

| Discipline & Minimum Credits Required | 9th | 10th | 11th | 12th |
|--|-----------------------|------------------------|------------------------|------------------------|
| English (4) | | | | |
| Social Studies * (3 or 4) | | | | |
| Mathematics (4) | | | | |
| Science * (3 or 4) | | | | |
| World Languages (3) | | | | |
| Religion (1) | | | | |
| Fine Arts (1) | | | | |
| Technology (½) | | | | |
| Physical Educ ** (1) | | | | |
| Electives (3½) | | | | |
| Senior Exhibition (1) | | | | 1 |
| Community Service | 20 hours | 20 hours | 20 hours | 20 hours |
| Total Credits (26) | | | | |

NOTE: Upon successful completion of the Senior Exhibition, the student receives one credit of independent study in his/her academic discipline.

*A total of seven credits in the science and social studies disciplines, to be satisfied with a minimum of three in one and four in the other.

** A maximum of one PE credit may be granted through full participation in interscholastic athletics, at a rate of ¼ credit per season up to 1 credit.

APPENDIX A: VISUAL ART CONCENTRATION

Interested students should contact Lisa Norman and Scotty Peek to discuss and construct their course schedules for the upcoming semester and years. Students may apply for admittance to the Art Concentration during 9th or 10th grade. Students beginning their 11th grade year may be considered if previous coursework allows for the fulfillment of the Art Concentration requirements. Interested students will be interviewed by Art Faculty, including an examination of previous artworks to determine acceptance into the Art Concentration. In order to graduate with the VAC diploma distinction, a student must successfully complete all of the following requirements. All documentation must be submitted no later than May 1st of the student's graduation year.

1. **Coursework** – The VAC student must complete Drawing and take at least 4 additional directed classes designated as VAC (minimum of 2.5 credits). VAC courses (directed) include:

Ceramics, Collage Art, Graphic Arts, Painting, Photography, Sculpture, Video Editing, Art History (required when offered), or other directed Special Topics Art Courses

A VAC student must enroll in Studio Art (self-directed) in both the Junior and Senior Year (2 total credits of Studio Art)

2. **Studio Time** – Each VAC student must catalogue a minimum number of hours of studio time outside of class meetings – 120 hours per academic year for 10th, 11th, and 12th grade. Hours may be worked on or off campus.
3. **Winterim Internship** – A VAC student must spend at least one Winterim in an internship relevant to the student's artistic interests.
4. **Senior Exhibition** – A VAC student must choose an art-themed topic for either the Research Paper (Option A) or the Product and Paper (Option B) of the Senior Exhibition requirement.
5. **Art Exhibit** – Each VAC student must produce an ambitious Art Exhibit during the Spring Semester of their Senior Year