



High School Planning Guide

2023 - 2024

USING THE PLANNING GUIDE

The High School Planning Guide contains all the essential information needed for students to plan their educational program. This guide should be read carefully by both students and parents prior to making course requests.

HIGH SCHOOL GRADUATION/UNC BOARD OF GOVERNORS COLLEGE ENTRANCE REQUIREMENTS

Subject Area	Number of Credits
English	4 credits: <ul style="list-style-type: none"> • 1 Credit English I • 1 Credit English II • 1 Credit English III • 1 Credit English IV OR AP English Literature and Composition
Social Studies	4 credits: <ul style="list-style-type: none"> • 1 Credit World History • 1 Credit Founding Principles of the United States of America and North Carolina: Civic Literacy • 1 Credit American History OR AP U.S. History • 1 Credit Economics and Personal Finance
Science	3 credits: <ul style="list-style-type: none"> • 1 Credit Physical Science OR Chemistry • 1 Credit Earth/Environmental Science OR AP Environmental Science • 1 Credit Biology
Math	4 credits: <ul style="list-style-type: none"> • 1 Credit Math I • 1 Credit Math II • 1 Credit Math III • 1 Credit Pre-Calculus or Integrated Math IV <p>NOTE: Exceptions to this traditional four-course sequence exist. Please contact the School Counselor for more details.</p>
Health/ Phys Ed	1 credit
Electives	4-6 credits (May be a World Language)
World Language	Not required for high school graduation. A two-credit minimum is required for admission to a university in the UNC system.
TOTAL	22 CREDITS

COURSE OFFERINGS

**Please note that some courses are subject to cancellation based upon enrollment.*

ENGLISH

ENGLISH I

This course is available at the Honors level. Selection determined by eighth grade EOG scores and teacher recommendation.

This course is designed to meet the needs of students transitioning from middle to high school instruction in reading and language arts. The course builds on the analytical, writing and close reading skills developed in middle school but with increasingly complex texts. Many of the texts are chosen to complement the students' courses in history and science. We work with Greek and Latin affixes and roots and increase familiarity with the rules of English grammar.

ENGLISH II

Prerequisite: English I

This course is available at the Honors level with permission of the instructor.

This course continues the high school sequence's focus on developing skills of close reading, sophisticated analysis, imaginative engagement and focused writing. Students will write numerous critical essays, with an emphasis on developing original ideas and supporting them with careful analysis of specific quotations from the text. We will also work throughout the year to expand students' vocabulary and increase their familiarity with the rules of English grammar.

NOTE: Students enrolled in this course will take the North Carolina English II EOC Exam.

ENGLISH III

Prerequisite: English II

This course is available at the Honors level with permission of the instructor.

This course continues the high school sequence's focus on close reading, analytical, expository, and creative writing, and building students' vocabulary, with an eye towards college readiness. The reading list focuses on American literature.

ENGLISH IV

Prerequisite: English III

This course expands on the skills learned in English I, II and III. The course also addresses a variety of practical writing skills that the majority of students will need after graduation.

AP ENGLISH LITERATURE AND COMPOSITION

Prerequisite: 85+ uncorrected grade in English III, AP instructor's permission, 3+ on English II EOC, completion of two previous honors level courses

The AP English Literature and Composition course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works.

NOTE: Students enrolled in AP English Literature and Composition will take the AP English Literature and Composition exam.

CREATIVE WRITING

In this course, students will gain skills in expressing themselves with originality, creativity, and clarity in stories, poetry, and personal essays. Students will use the writing process to generate and improve creative pieces while giving and receiving feedback in a writing community.

SOCIAL STUDIES

WORLD HISTORY

This course is available at the Honors level. Selection determined by eighth grade EOG scores and teacher recommendation.

World History is designed to be a historical study of societies, nations, economies, events, and cultures of the many regions of the world, providing historical background for each area and details inclusive of change over time, historical impact, religion, diplomacy, culture practices and beliefs, and economic, political, and social institutions. The course is intended to examine the historical development of the world and global issues and patterns since 1200. The course also explores underlying themes of: power and authority; change and continuity; human-environment interaction; globalization; cultural diffusion; and individual and group identity.

Founding Principles of the United States of America and North Carolina: CIVIC LITERACY

This course is available at the Honors level with permission of the instructor.

Through the integration of inquiry-based learning, students will investigate how the American system of government has evolved over time while learning how to analyze topics, issues, and claims in order to communicate ideas and take action to effect change and inform others.

AMERICAN HISTORY

The American History course will begin with the end of the French and Indian War (1763) and end through the latest Presidential Election (i.e. 2020, 2024, etc.). This course will explore the overarching themes, trends, and concepts of our nation's history, including the development and evolution of the American system of government, the patterns and impact of migration and immigration, cultural development through the arts and technological innovations, relationships with foreign nations, and the role of both the individual and diverse groups in building the American story. Students in this course will be asked to investigate major turning points in American History to develop an understanding of multiple causation, to determine patterns of change and continuity, and to be able to compare multiple perspectives of the past.

Advanced Placement (AP) UNITED STATES HISTORY

Prerequisite: 85+ uncorrected grade in Civics, AP instructor's permission, completion of two previous honors level courses. Open only to juniors and seniors.

AP United States History focuses on developing students' abilities to think conceptually about U.S. history from approximately 1491 to the present and apply historical thinking skills as they learn about the past. Seven themes of equal importance — identity; peopling; politics and power; work, exchange, and technology; America in the world; environment and geography; and ideas, beliefs, and culture — provide areas of historical inquiry for investigation throughout the

course. These require students to reason historically about continuity and change over time and make comparisons among various historical developments in different times and places.

NOTE: Students enrolled in AP United States History will take the AP United States History exam.

ECONOMICS AND PERSONAL FINANCE

The Economics and Personal Finance (EPF) course is intended to be a study of economics, personal finance, income and education, money management, critical consumerism, and financial planning. This course has been legislated by N.C. Session Law 2019-82, House Bill 924.

AP HUMAN GEOGRAPHY

An introductory college-level course in human geography. Explore how humans have understood, used, and changed the surface of Earth. You'll use the tools and thinking processes of geographers to examine patterns of human population, migration, and land use.

LIFE Skills

This course prepares students to accept challenges, experiment and use creativity, make informed judgements, and apply reasoned action to practical life situations. Some areas of focus include food and nutrition, financial management, clothing and textiles, and hospitality.

SCIENCE

BIOLOGY

This course is available at the Honors level. Selection determined by eighth grade EOG scores and teacher recommendation.

As an introduction to biology, students will explore experimental design, biological molecules, cells as a living system, genetics, biotechnology, ecology, taxonomy, and evolution. As time permits, students will discuss current research and its impact on our understanding of life.

NOTE: Students enrolled in this course will take the North Carolina Biology EOC Exam.

CHEMISTRY HONORS

Prerequisites: 4+ on Math I EOC or completion of Math II; 3+ on Biology EOC; priority given to tenth graders

Students will study the structure of atoms, classification of matter, the periodic table, nuclear chemistry, chemical nomenclature, chemical reactions, stoichiometry, thermochemistry, gas properties, chemical equilibrium, and the properties of acids and bases. As time permits, students can explore introductory organic chemistry. Instruction in proper laboratory technique will be included throughout the year.

EARTH/ENVIRONMENTAL SCIENCE

An introduction to basic principles of the solar system, volcanoes and earthquakes, plate tectonics, our impact on the lithosphere, hydrosphere, atmosphere and climate, and environmental sustainability.

Advanced Placement (AP) ENVIRONMENTAL SCIENCE

Prerequisite: Biology plus either Chemistry or Physics, AP instructor's permission, 3+ on Math I and Biology EOCs, completion of two previous honors level courses

The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

NOTE: Students enrolled in AP Environmental Science will take the AP Environmental Science exam.

PHYSICAL SCIENCE

Prerequisite: Math I

Physical science is an introductory Lab, investigation and project-based course that introduces students to basic concepts of both physics and chemistry. Learning is through a number of different methods including lecture and notes, calculations and application of mathematics (basic algebra, scientific notation, data analysis), projects, research, demonstrations, mini-labs, full lab experiments and investigation-engineering projects. Topics covered include Motion, Newton's laws and forces, Waves, Electromagnetism, Properties and structure of matter, Chemical bonds and interactions and understanding the basics of nuclear physics and radioactive decay.

HORTICULTURE and SUSTAINABILITY

This is a hands-on class using the school landscape to learn about gardening, sustainability, and land stewardship. Horticulture covers a broad range of garden activities like food production, forestry, and maintaining public spaces. The class will spend much of the time on outdoor projects. It will be supplemented with classroom study in botany, soil science, and landscape design. (Grades 10-12)

MATH

MATH I

This course provides students the opportunity to study concepts and procedures of algebra, geometry, functions, number and operations, probability, statistics and modeling throughout the course. These concepts include expressions in the real number system, creating and reasoning with equations and inequalities, graphing, interpreting and building simple functions, expressing geometric properties and interpreting categorical and quantitative data.

NOTE: Students enrolled in this course will take the North Carolina Math I EOC Exam.

MATH II

Prerequisite: Math I

This course continues a progression of the standards established in Math I. In addition, Math II includes: polynomials, transformations, congruence and similarity of figures, trigonometry with triangles, modeling with geometry, probability, making inferences and justifying conclusions via the study of logic, set theory, constructions and proofs.

MATH III

Prerequisite: Math II

Math III extends to include algebraic concepts such as: the complex number system, inverse functions, rational expressions, trigonometric functions and the unit circle. Math III also includes the geometric concepts of conics and circles. Topics of probability, statistics, and data analysis will be expanded. NOTE: Students enrolled in this course will take the North Carolina Math III EOC Exam.

INTEGRATED MATH IV

Prerequisite: Math III

In this course students will learn about analyzing data, standard deviation, and normal distributions. They will also learn about arithmetic and geometric sequences and their series, rational and inverse functions, radians, degrees, and the unit circle. This course also teaches students about trigonometric functions, inverse trigonometric functions, trigonometric identities, sum and difference formulas, applications of trigonometry, polar coordinates, and vectors. They will also learn about functions, polynomial functions, exponential functions, and logarithmic functions.

PRE-CALCULUS HONORS

Prerequisite: Instructor's permission, 3+ on Math III EOC

Pre-Calculus is designed to prepare students for AP Calculus or college-level Calculus. This class will be an in-depth study of the concept of functions. Several classes of functions, including linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions are studied. Within each function class characteristics of the function are emphasized including the basic form and graph, equations and inequalities associated with the function, and applications. Both algebraic and graphical techniques will be used throughout the course.

Advanced Placement (AP) CALCULUS AB

Prerequisite: Pre-Calculus, AP instructor's permission, 3+ on Math III EOC, completion of two previous honors level courses

AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. Topics include limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations.

NOTE: Students enrolled in AP Calculus AB will take the AP Calculus AB exam.

Sports Math

This elective was designed to show the student through research-based, as well as hands-on projects, just how linked math is to sports. You'll explore these connections through statistical research and data collection, by creating and analyzing our own statistics, as well as through talking about probabilities, graphically modeling data, and experimentation. There will also be a good mixture of sports played.

HEALTH AND PHYSICAL EDUCATION

PHYSICAL EDUCATION AND HEALTH

At the Hawbridge School, we are fortunate to be able to instruct the majority of our PE and Health courses in an outdoor environment. This allows us to integrate the curriculum into an outdoor themed class that includes canoeing, hiking, trail running, orienteering, and many other outdoor activities. Students still experience the team interaction of traditional sports and games such as soccer, basketball, volleyball, and football – all in a nontraditional environment. Rather than taking one block out of the year to focus on health, topics are intermingled with physical activity with extra time in a traditional setting when needed. Health topics include human sexuality, substance abuse, body image and self-esteem, how to start a workout routine, diversity awareness, stress management, nutrition, and safe social situations.

OUTDOOR LEADERSHIP

This course is available to 10th-12th graders. Students will gain the necessary skills and knowledge to be effective participants and leaders in a challenging outdoor environment. Topics will include: individual and group dynamics, wilderness first aid, leadership theory, advanced campcraft skills, risk management, and expedition planning. Students will engage in activities including hiking, paddling, bouldering, outdoor cooking, orienteering, fire building, as well as others. Outdoor Leadership students will have the opportunity to serve as student leaders on Hawbridge Outdoors trips, and will complete a final project that involves planning and leading a trip at the end of the school year.

FINE AND PERFORMING ARTS

STUDIO ART 1

Introduction to the studio and the artistic thinking process. You will be introduced to a wide variety of high-quality studio art materials, from drawing materials to digital design programs to ceramic sculpture. In the studio you will pursue authentic artist processes, including selecting your own project challenges, designing a plan to grow your skills, and documenting your work for digital portfolios. You will also learn the skills to evaluate and critique contemporary works of art.

STUDIO ART 2, 3 & 4

Advanced Studio Art. In these courses you will push harder into your own identity as an artist. You will learn about the individual artistic voice and the strengths and challenges in your personal approach to artistic practice. You will be required to demonstrate growth in a variety of media as well as advanced skills and vocabulary in art criticism. You will select at least one medium for extended and deeper study, and demonstrate growth and an advanced understanding of this medium by the end of the course. You will learn advanced techniques for documenting your work and create a portfolio and website that reflects your best efforts.

3D Arts and Design (prerequisite Art 1)

You will be introduced to a variety of sculptural methods and techniques. Ranging from ceramics, sculpture to innovative installation design. In and outside of the studio you will pursue connections and create art within the community. You will learn about artists who utilize these mediums and methods of working to connect with the public. From generating ideas to sketches and bringing them to reality. Coursework will investigate the objective and subjective qualities of space, material and form.

GENERAL MUSIC 1 (BEGINNING)

This course offers skill development in technique, music literacy and overall musicianship. Students will progress in their knowledge of music history and theory through a variety of musical genres, their voice and classroom instruments. Some barred and percussion instruments will also be utilized. Performance skills will be taught and demonstrated in an end-of-semester concert.

GENERAL MUSIC 2, 3, and 4

Advanced General Music. In these courses students will progress in their knowledge of music history and theory through a variety of musical genres, their voice and classroom instruments. Some barred and percussion instruments will also be utilized. Performance skills will be taught and demonstrated in an end-of-semester concert.

VOCAL MUSIC 1 (BEGINNING)

This course offers skill development in singing technique, music literacy and overall musicianship. Students will progress in their knowledge of music history and theory through a focus on choral singing. Some barred and percussion instruments will also be utilized. Performance skills will be taught and demonstrated in an end-of-semester concert.

VOCAL MUSIC 2, 3, and 4

Advanced Vocal Music. In these courses students will continue developing their vocal technique and music reading skills as well as learning the basics of piano. Performance skills will be taught and demonstrated in an end-of-semester concert.

The Hawbridge Theater Department

The Hawbridge Theatre Department is designed to encourage creativity and inspire students to speak their voice through the making of artistic choices, the communicating of those choices through various methods, and to gain greater understanding of human behavior and society. Through shared experiences, students develop as participants, performers, and audience members.

Theatre courses are in connection to the grade curriculum and designed to move students through the world of theater including acting, performance, theater history and analysis, and all areas of play production.

THEATRE ARTS I

This introductory course offers skill development in theater history, improvisations, monologues, scene-study, character exploration, and examination of scripts. Students will learn the basics of both acting and technical theatre work.

THEATRE ARTS II, III and IV

These intermediate and advanced acting courses offer further skill development for students who have completed Theatre Arts I. Students will learn advanced character and script analysis as well as acting styles, classical theatre literature, mask work, and play production. Play production elements will include script writing, directing, set/scenic design, costuming and stage make up.

YEARBOOK

Yearbook is an elective course that gives students experience in print and media publishing. Students compose, construct, and edit all elements of computerized text layout, graphic art, and digital photography. Students work on clerical operations, make announcements, maintain signs, conduct student polls, take photos and write articles. The course covers many content standards for English, art, business, and computer technology.

WORLD LANGUAGE

SPANISH I

In this course students will be introduced to Spanish and the Spanish-speaking world. A large part of our time will be spent learning the way verbs work in Spanish, which is very different from English. We will learn how to communicate about ourselves and our lives. At the end of this course, students will be at a Novice Mid level in most areas of the ACTFL Proficiency Scale, which means that they will be able to understand speech about personal information and the immediate setting, will be able to respond about predictable areas of need, can read simple texts, and write about elementary topics using familiar vocabulary.

SPANISH II

Prerequisite: Spanish I or instructor's permission

In this course students will first review and solidify the basic knowledge they learned in Spanish I. Then they will expand their knowledge of Spanish and its verbs by learning how to communicate past and future events. They will continue to develop their skills through speaking activities, conversations, reading stories and texts, writing assignments, games, and frequent presentations on basic topics. At the end of this course, students will be at a Novice High level in most areas of the ACTFL Proficiency Scale, which means that they will be able to understand more speech in context, will be able to express their thoughts more creatively and ask more questions, will be able to read for instructions or directions and may be able to understand texts at a higher level when familiar with context and vocabulary, and will be able to write autobiographical information.

SPANISH III HONORS

Prerequisite: Spanish II or instructor's permission

The goals of Spanish III are to understand the material learned in Spanish I and II at a deeper level and to expand the students' communicative abilities in Spanish. In addition, students will increase their knowledge of Spain and Spanish-speaking countries by learning about their history and culture. Major grammar topics include the subjunctive and conditional verb tenses. The majority of this class is conducted in Spanish, and students must be prepared to greatly minimize their use of English, both with the instructor and with peers. At the end of this course, students will be at an Intermediate Low level in most areas of the ACTFL Proficiency Scale, which means they can now communicate in day-to-day life and social contexts and can handle basic reading and writing tasks.

AP Spanish Language and Culture/SPANISH IV HONORS

Prerequisite: Spanish III or instructor's permission

Course offered as needed.

INTERNSHIP

SAXCONNEX

Hawbridge's SaxConnex program offers internship opportunities to 11th and 12th grade students. Interested students must submit an application to Ms. Osborne and have availability in their schedule to participate in the program. SaxConnex links students with various trades within and around the community of Saxapahaw. These have included (but are not limited to): Eli Whitney Fire Department, Left Bank Butchery, The Eddy Pub, TerraStay Farm, Culture Mill, and Buckner Steel. The internship lasts a full semester. Students will earn one high school elective credit per semester.

North Carolina Virtual Public School (NCVPS) Courses

1. NCVPS courses are limited to students in grades 9-12.
2. Students may take electives not offered at the Hawbridge School. Students will not take their core classes through NCVPS unless:
 - a. They plan to graduate early.
 - b. They need the credits due to a transfer.
 - c. The face-to-face course doesn't fit their schedule.
3. Students may only use NCVPS for acceleration over the summer and families must pay the cost. Hawbridge will offset the cost for families in need of financial assistance.
 - a. Exception: Students may not take EOC classes through NCVPS at any time.
4. Students cannot enroll in an online world language unless:
 - a. The face-to-face course doesn't fit their schedule.

- b. They wish to continue study of Mandarin Chinese or Spanish beyond what we offer in the classroom.
 - c. They are transfer students who started another language elsewhere.
5. NCVPS Advanced Placement courses are limited to students in grades 11-12.

Other courses are available through the North Carolina School of Science and Math and Career & College Promise. Please speak to the School Counselor for more details.

STANDARDIZED TESTING

Hawbridge Upper School students take the following exams each year (all tests are required unless otherwise specified):

GRADE 8

End of Grade Reading Test
End of Grade Math Test
End of Grade Science Test

GRADE 9

End of Course Exam: Math I*
End of Course Exam: Biology*

GRADE 10

PreACT
End of Course Exam: English II*
PSAT10 (optional, fees apply)

GRADE 11

ACT
End of Course Exam: Math III*
PSAT/NMSQT (optional, fees apply)
SAT (offered off-site, fees apply)

Students taking an AP course are required to take the AP test in May. These are offered free-of-charge by the state of NC.

*Note - Students take End of Course exams during the school year when they take the EOC Course *not* necessarily during the grades listed above. For example, if an 8th grade student takes Math I, he/she would take the End of Course Exam at the end of 8th grade.