



# **High School Planning Guide**

**2021-2022**

## 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

FOR STUDENTS ENTERING GRADE 9 IN 2020 AND BEYOND

<b>Subject Area</b>	<b>Number of Credits</b>
English	4 credits: <ul style="list-style-type: none"> <li>● 1 Credit English I</li> <li>● 1 Credit English II</li> <li>● 1 Credit English III</li> <li>● 1 Credit English IV OR AP English Literature and Composition</li> </ul>
Social Studies	4 credits: <ul style="list-style-type: none"> <li>● 1 Credit World History</li> <li>● 1 Credit Founding Principles of the United States of America and North Carolina: Civic Literacy</li> <li>● 1 Credit American History OR AP U.S. History</li> <li>● 1 Credit Economics and Personal Finance</li> </ul>
Science	3 credits: <ul style="list-style-type: none"> <li>● 1 Credit Physical Science OR Chemistry OR AP Physics 1: Algebra-Based</li> <li>● 1 Credit Earth/Environmental Science OR AP Environmental Science</li> <li>● 1 Credit Biology</li> </ul>
Math	4 credits: <ul style="list-style-type: none"> <li>● 1 Credit Math I</li> <li>● 1 Credit Math II</li> <li>● 1 Credit Math III</li> <li>● 1 Credit Pre-Calculus or Integrated Math IV</li> </ul> NOTE: Exceptions to this traditional four-course sequence exist. Please contact the School Counselor for more details.
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.
<b>TOTAL</b>	<b>22 CREDITS</b>

FOR STUDENTS WHO ENTERED GRADE 9 PRIOR TO 2020

<b>Subject Area</b>	<b>Number of Credits</b>
English	4 credits: <ul style="list-style-type: none"> <li>● 1 Credit English I</li> <li>● 1 Credit English II</li> <li>● 1 Credit English III</li> <li>● 1 Credit English IV OR AP English Literature and Composition</li> </ul>
Social Studies	4 credits: <ul style="list-style-type: none"> <li>● 1 Credit World History</li> <li>● 1 Credit Civics and Economics</li> <li>● 1 Credit American History I</li> <li>● 1 Credit American History II OR AP U.S. History</li> </ul>
Science	3 credits: <ul style="list-style-type: none"> <li>● 1 Credit Physical Science OR Chemistry OR AP Physics 1: Algebra-Based</li> <li>● 1 Credit Earth/Environmental Science OR AP Environmental Science</li> <li>● 1 Credit Biology</li> </ul>
Math	4 credits: <ul style="list-style-type: none"> <li>● 1 Credit Math I</li> <li>● 1 Credit Math II</li> <li>● 1 Credit Math III</li> <li>● 1 Credit Pre-Calculus or Integrated Math IV</li> </ul> NOTE: Exceptions to this traditional four-course sequence exist. Please contact the School Counselor for more details.
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.
<b>TOTAL</b>	<b>22 CREDITS</b>

## **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.

### **SPEECH & DEBATE**

An introductory course that covers a variety of styles of public speaking and formal debate. Students build a foundation for effective argumentation and advocacy and learn to communicate with confidence and clarity.

## **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.

### **CIVICS**

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

Rising seniors will take Civics and Economics (unless they previously earned this credit at another school). Rising sophomores will take Civic Literacy which has been legislated by N.C. Session Law 2019-82, House Bill 924. Civic Literacy will allow students to examine the ways in which power and responsibility are both shared and limited by the U.S. Constitution and how the judicial, legal, and political systems of North Carolina and the United States embody the founding principles of government. Students in this course will analyze and evaluate the extent to which the American system of government guarantees, protects, and upholds the rights of citizens. Through the integration of inquiry-based learning, students will also 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. When opportunities can be provided, this course can be augmented by related learning experiences, both in and out of school, that enable students to apply their knowledge and understanding of how to participate in their own community and governance.

### **AMERICAN HISTORY I**

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

The course will begin with the European exploration of the new world through Reconstruction. Students will examine the historical and intellectual origins of the United States from European

exploration and colonial settlement to the Revolutionary and Constitutional eras. Students will learn about the political and economic factors that contributed to the development of colonial America and the outbreak of the American Revolution as well as the consequences of the Revolution, including the writing and key ideas of the U.S. Constitution. Students will study the establishment of political parties, America's westward expansion, the growth of sectional conflict, how that sectional conflict led to the Civil War, and the consequences of the Civil War, including Reconstruction. The course provides a framework for studying political, social, economic, and cultural issues, and for analyzing the impact these issues have had on American society over time.

## **AMERICAN HISTORY II**

The course will guide students from the late 19th century through the early 21st century. Students will examine the political, economic, social and cultural development of the United States from the end of the Reconstruction era to present times. The essential standards of American History II: The Founding Principles will trace the change in the ethnic composition of American society; the movement toward equal rights for racial minorities and women; and the role of the United States as a major world power. An emphasis is placed on the expanding role of the federal government and federal courts as well as the continuing tension between the individual and the state. Students will develop an understanding of the cause-and-effect relationship between past and present events, recognize patterns of interactions, and understand the impact of events in the United States in an interconnected world.

## **Advanced Placement (AP) UNITED STATES HISTORY**

Prerequisite: 85+ uncorrected grade in American History I, 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.

## **Advanced Placement (AP) PSYCHOLOGY**

Prerequisites: Math II and Biology, completion of two previous honors level courses, AP instructor's permission. Open only to juniors and seniors.

The purpose of the AP course in Psychology is to introduce the systematic and scientific study of the behavior and mental processes of human beings and other animals. Included is a consideration of the psychological facts, principles, and phenomena associated with each of the major subfields within psychology.

NOTE: Students enrolled in AP Psychology will take the AP Psychology exam.

## **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: 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.

### **Advanced Placement (AP) PHYSICS I: ALGEBRA-BASED**

Prerequisites: current enrollment in (or completion of) Pre-Calc, APES or Chemistry, AP instructor's permission, 3+ on Math III and Biology EOCs

This is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. This course explores modern physics research and applications through projects, investigations and links with local universities.

NOTE: Students enrolled in AP Physics I will take the AP Physics I exam. (Subject to cancellation based on enrollment.)

## **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.

## **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, and 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.

### **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.

### **THEATRE ARTS 1 (BEGINNING)**

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

### **THEATRE ARTS 2, 3, 4**

Advanced Theatre Arts. These 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, and the basics of directing for the theatre.

### **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**

### **MANDARIN CHINESE I**

This is the first of two courses designed to introduce students to modern Mandarin Chinese. The course begins with an introduction to the sound system of Mandarin Chinese and moves on to basic skills in listening, speaking, reading and writing, and an introduction to Chinese culture. (Offered in alternating years; next course in 2022-23.)

### **MANDARIN CHINESE II**

This is the second of two courses designed to introduce students to modern Mandarin Chinese. The course begins with an introduction to the sound system of Mandarin Chinese and moves on to basic skills in listening, speaking, reading and writing, and an introduction to Chinese culture. (Offered in alternating years; Next course in 2021-22 school year.)

### **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.

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### **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.