



# **PROGRAM OF STUDIES 2023 - 2024**

Hasbrouck Heights High School

365 Boulevard  
Hasbrouck Heights, NJ 07604



## Hasbrouck Heights High School Program of Studies & Scheduling 2023-2024

Dear Aviators and Parent(s)/Guardian(s),

The 2023-2024 course scheduling process has begun! This Program of Studies and Scheduling Booklet is to provide you with the necessary information to make informed decisions about your future courses of study. In selecting your courses for next year, please keep in mind your interests and your future goals. Try to challenge yourself to learn something new and intriguing. The number of required graduation credits, in accordance with policy, is included in this booklet.

Scheduling will officially begin the week of February 13, 2023. The school counselors will be meeting with each student to review their core academic projections and desired elective requests for the next school year. At this meeting, a transcript review will take place to ensure each student is on track to graduate relative to the requirements set forth by both the New Jersey Department of Education and Hasbrouck Heights High School. Scheduling meetings will take place by grade level beginning with the current juniors, followed by sophomores, freshmen, and then finally the eighth grade. Students will select a date and time that works in their schedule to meet with their counselor, one-on-one.

Additionally, the Program of Studies and Scheduling Booklet is designed to assist you in making an educated decision on which classes are best suited for your child by providing detailed explanations of requirements and detailed course descriptions. **Please keep in mind that course requests, especially elective requests, are not final and/or guaranteed due to a myriad of factors such as prerequisites, class size, and availability.**

We encourage you to challenge yourself where possible. In addition to our honors and AP level offerings, we also have Dual Enrollment opportunities for you to take advantage of. These courses allow you to earn college credits during high school at a significantly reduced price compared to traditional college tuition rates. Please review the enclosed criteria within the [Board of Education AP/Honors Policy](#) about qualifications for these courses.

Once your scheduling meeting with your counselor is completed, you will receive a copy of your course requests. Once all meetings are completed, we will begin to build the master schedule for the 2023-2024 academic year. We will do our absolute best to accommodate all of your requests; however, from time to time we may not be able to do so and as a result, we may need to make reasonable alternative selections. **Please note, courses described in this booklet are tentative listings and are subject to change.** Although we will try to offer every course listed, it is possible that budgetary considerations or low enrollment due to student selections may necessitate revisions (The booklet is published prior to the final draft of the school district budget).

We hope that you are as motivated and excited as we are for the upcoming year!

Respectfully,

The High School Administration and School Counseling Team

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## General Information

### **Administrative Team**

Mrs. Linda Simmons	<a href="mailto:simmonsl@hhschools.org">simmonsl@hhschools.org</a>	201-393-8154
Dr. Jared Fowler	<a href="mailto:fowlerjar@hhschools.org">fowlerjar@hhschools.org</a>	201-338-8811
Mr. Michael Scuilla	<a href="mailto:scuillam@hhschools.org">scuillam@hhschools.org</a>	201-393-8174
Mr. Vincenzo Barchini	<a href="mailto:barchiniv@hhschools.org">barchiniv@hhschools.org</a>	201-393-8163

### **School Counselors**

Mrs. Ashley Calligy	<a href="mailto:calligyash@hhschools.org">calligyash@hhschools.org</a>	201-338-8812
Mrs. Johanna Feria	<a href="mailto:feriajoh@hhschools.org">feriajoh@hhschools.org</a>	201-393-8166
Ms. Samantha Incremona (Leave Replacement)	<a href="mailto:incremonasam@hhschools.org">incremonasam@hhschools.org</a>	201-393-8166
Ms. Alisa Sellitto	<a href="mailto:sellittoali@hhschools.org">sellittoali@hhschools.org</a>	201-338-8813

### Student Assistance Counselor:

Mrs. Barbara Christianson	<a href="mailto:christiansonb@hhschools.org">christiansonb@hhschools.org</a>	201-288-1426
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### **Child Study Team**

Mr. Frank Avella	<a href="mailto:avellafra@hhschools.org">avellafra@hhschools.org</a>	201-393-8153
Mrs. Lisa Ciraco	<a href="mailto:ciracol@hhschools.org">ciracol@hhschools.org</a>	201-393-8158
Ms. Dawn Johnson	<a href="mailto:johnsond@hhschools.org">johnsond@hhschools.org</a>	201-393-8368

## HHHS Graduation Requirements

The Hasbrouck Heights School District Board of Education will recognize the successful completion of the secondary school instructional program by awarding a state-endorsed diploma, certifying that the student has met all state and local requirements for high school graduation, which are consistent with state and district goals, objectives, and proficiency standards in accordance with the Board Policy 5460, students are required to complete the following:

- A. A minimum of 40 documented community service hours (prorated at 10 hours per academic year)
- B. A minimum of 130 credits for high school graduation

<b>Subject Area</b>	<b>Total credits to include the following:</b>
English	Minimum of 20 credits
Math	Minimum of 15 credits Must include Algebra I and Geometry
Science	Minimum of 15 credits Must include Biology
Social Studies	Minimum of 15 credits Must include World History, Early US, and Modern US
Personal Finance	Minimum of 2.5 credits
World Language	Minimum of 5 credits (10 or more credits recommended for 4-year college entrance)
Fine/Practical Performing Arts	Minimum of 5 credits
21st Century Life & Careers	Minimum of 5 credits
Physical Education/Health	Minimum of 5 credits each year in attendance
Additional Coursework/Electives	Minimum of 20 credits

### Weighted Grading Scale (Per Credit)

	Standard (CP)	Honors	College Level (AP/DE)
A+	4.6	5.0	5.3
A	4.3	4.7	5.0
A-	4.0	4.4	4.7
B+	3.6	4.0	4.3
B	3.3	3.7	4.0
B-	3.0	3.4	3.7
C+	2.6	3.0	3.3
C	2.3	2.7	3.0
C-	2.0	2.4	2.7
D	1.3	1.7	2.0
F	0.0	0.0	0.0

*\*Beginning with the class of 2025- Dual Enrollment courses will be weighted on the Honors academic scale.*

## New Jersey Department of Education Graduation Requirements

Please click on the links below to view the most current Graduation Requirements from the New Jersey Department of Education for the Class of 2024.

[New Jersey State Minimum Graduation Requirements by Content Area](#)

New Jersey High School Graduation Assessment Requirements  
(New requirements still pending approval)

### Student Support Services

PROGRAM	SERVICE	TARGET GROUP
Counseling	Full range of counseling services in the personal, academic, social/emotional, and college and career fields	All students and parents
Naviance	Provides students and families with a web-based platform for college and career planning	All students and parents
Freshman Seminar	Designed to assist 9th graders to ease the transition into High School	All 9th grade students
Peer Tutoring	National Honor Society members provide peer tutoring before school	All students
Study Hall	Supervised silent study area	All students
Student Assistant Counselor (SAC)	Confidential counseling services provided to students struggling with overall emotional well-being, academic performance, or socialization	All students
Health Services	A full time certified nurse and athletic trainer are on staff	All students
Intervention and Referral Services (I&RS)	A team of administrators, counselors, CST members, and teachers who plan and deliver interventions for students who are experiencing learning, behavior, or health difficulties	Students exhibiting concern/struggles academically, behaviorally, socially/emotionally
Section 504 Accommodations	Classroom and testing accommodations plan developed to meet the needs of individual students	Students determined to be eligible through the 504 committee
Child Study Team	Individual support services for students available through an Individual Education Plan (IEP)	Students who qualify
English as a Second Language (ESL)	Classroom instruction simultaneously in English language skills and content	Students with limited capabilities in speaking, reading, and writing English for whom English is a second language

## Course Descriptions

### Visual and Performing Arts Courses

#### **Art Exploration**

**Prerequisite: None**

This course will introduce students to a variety of different types of art. Students will explore many diverse art techniques and approaches as ways of communicating their ideas. The development of technical skills and vocabulary will include all the elements and principles of art. Projects will include drawing, painting, collage, sculpture, and mixed media, with emphasis on critical thinking, craftsmanship, and presentation of artwork. Exploration of careers in media and visual arts will expose students to potential career opportunities as well as areas of interest for future art courses. Students are also required to keep a personal sketchbook and study specific artists, cultures, and art historical movements.

**Full Year 5.0 Credits (standard)**

**Grades: 9, 10, 11, 12**

#### **Graphic Design**

**Prerequisite: None**

This course will enable students to develop design skills through commercial art. Studio skills covered will include paste-up and mechanical drawing, as well as hand-lettering skills. Students will learn the art of combining text with images focusing on consumer confidence interests. Basic art skills required.

**Full Year 5.0 Credits (standard)**

**Grades: 10, 11, 12**

#### **Digital Photography**

**Prerequisite: None**

This course develops skills in digital photography, such as shooting, editing, and enhancing pictures. Students will work with Photoshop and various other programs. Students will have an understanding of photographic media, techniques, and processes. This course focuses on the development of photographic compositions through manipulation of the fundamental processes of artistic expression. Students may learn to make meaningful visual statements with an emphasis on personal creative expression to communicate ideas, feelings, or values. This photography course may also include the history of photography, historic movements, image manipulation, critical analysis, and some creative special effects. Students engage in critiques of their photographic images, the works of other students, and those by professional photographers for the purpose of reflecting on and refining work.

**Full Year 5.0 Credits (standard)**

**Grades: 9, 10, 11, 12**

#### **Drawing and Illustration**

**Prerequisite: None**

This course provides a comprehensive exploration of the art of drawing. A sequence of studies introduces students to various drawing techniques, media, and methods of composition through observation and analysis of natural and man-made forms. The class provides an intensive focus on experimentation to encourage explorations of process, content, and numerous drawing strategies. Students will explore various approaches to expand their level of technical skill, consider alternative drawing methods, and use the process of drawing as a vehicle of personal expression and creative discourse. Drawing approaches may be abstract or figurative, objective or imaginary, and diverse in format or scale. The course concludes with the development of a self-directed drawing project.

**Full Year 5.0 Credits (standard)**

**Grades: 10, 11, 12**

#### **2D, 3D, & Mixed Media**

**Prerequisite: None**

This course is designed to give students experience in the creation of two-dimensional and three-dimensional art using conventional media and techniques. During this course, students will explore a variety of mixed-media art forms and techniques that stem from 2D Design, 3D Design, Drawing, and Painting methods while expanding on foundation skills. Students showcase their talent through the development of personal style and voice through a variety of visual concepts,

**Full Year 5.0 Credits (standard)**

**Grades: 10, 11, 12**

methods, and techniques. Students will create conceptual sculptural forms, as well as utilitarian works of art. This course is designed to give students the freedom of mixing media. Alternating areas of digital imaging, drawing/painting, and three-dimensional forms will be explored in both group and individualized projects utilizing a wide range of media.

### **Studio Art Honors**

**Full Year 5.0 Credits (honors)**

#### **Prerequisite: Honors Criteria**

**Grades: 11, 12**

This course is designed for highly motivated art students entering 11th - 12th grades, who are interested in qualifying for Advanced Placement Studio Art senior year, and interested in developing a portfolio for college.

### **AP Studio Art**

**Full Year 5.0 Credits (college)**

#### **Prerequisite: AP Criteria**

**Grades: 11, 12**

This course is designed for highly motivated students who are committed to the creation and study of art. Using guidelines established by the Advanced Placement College Board, students must prepare a portfolio of their best work to be submitted for discussion and evaluation at the end of the school year. Students will work in both 2-dimensional and 3-dimensional media that focuses on a theme of personal interest to each student. To be successful in this course many of the art projects must be done outside of class. Students must have their portfolio reviewed and the approval of the art department to enroll in AP Studio Art.

## **Computer Science Courses**

### **Exploring Computer Science**

**Full Year 5.0 Credits (standard)**

#### **Prerequisite: None**

**Grades: 9, 10**

In this course, students are presented with the conceptual underpinnings of computer science through an exploration of human-computer interaction, web design, computer programming, data modeling, and robotics. While this course includes programming, the focus is on the computational practices associated with doing computer science, rather than just a narrow focus on coding, syntax, or tools. This course will teach students the computational practices of algorithm design, problem-solving, and programming within a context that is relevant to their lives.

### **Java Programming**

**Full Year 5.0 Credits (standard)**

#### **Prerequisite: None**

**Grades: 10, 11, 12**

This computer science elective provides students with the opportunity to gain expertise in computer programs using the Java language. As with more general computer programming courses, the emphasis is on how to structure and document computer programs, using problem-solving techniques. Topics covered in the course include syntax, I/O classes, string manipulation, and recursion.

### **AP Computer Science**

**Full Year 5.0 Credits (college)**

#### **Prerequisite: AP Criteria**

**Grades: 11, 12**

Following the College Board's suggested curriculum designed to mirror college-level computer science courses, AP Computer Science courses provide students with the logical, mathematical, and problem-solving skills needed to design structured, well-documented computer programs that provide solutions to real-world problems. This course covers such topics as programming methodology, features, and procedures; algorithms; data structures; computer systems; and programmer responsibilities.



## English/Language Arts Courses

### **English/Language Arts 9**

**Full Year 5.0 Credits (standard)**

**Prerequisite: None**

**Grades: 9**

This course introduces students to the various genres of literature: short story, poetry, drama, nonfiction, and the novel. Students are guided to interpret and analyze the various components of literature. Students come to know literary devices and compare and contrast the styles, themes, etc. employed by others. The curriculum includes plays such as *Romeo and Juliet*. Students are taught three forms of discourse.

### **English/Language Arts 9 Honors**

**Full Year 5.0 Credits (honors)**

**Prerequisite: Honors Criteria**

**Grades: 9**

This course introduces students to the various genres of literature: short story, poetry, drama, nonfiction, and the novel. Students will explore the terms and skills to be mastered in future AP English courses. Students are guided to interpret and analyze the various components of literature. Students come to know literary devices and compare and contrast the styles, themes, etc. employed by others. They will employ plays such as *Romeo and Juliet*. Students are taught three forms of discourse and proper mechanics in composition, and are introduced to the writing of a research paper.

### **Freshman Seminar (Required)**

**Full Year 5.0 Credits (standard)**

**Prerequisite: None**

**Grades: 9**

This course is to be used as a focus on self-awareness and personal assessment regarding academic, affective, and social growth. This seminar course includes an overview of graduation requirements, self-awareness and personal assessment, study skills, research skills, public speaking skills, relationship building, and community service learning. By introducing skills and knowledge that will be necessary and relevant throughout high school, the Freshman Seminar course lays the foundation for success in subsequent sophomore, junior, and senior courses.

### **English/Language Arts 10**

**Full Year 5.0 Credits (standard)**

**Prerequisite: English/Language Arts 9**

**Grades: 10**

This course introduces the student to American Literature. Students begin with the study of authors of the Colonial Period, the Revolutionary, and the Renaissance Periods. Students also study prominent authors of fiction, drama, and poetry (F. Scott Fitzgerald, Arthur Miller, and Emily Dickinson). In addition, students will study contemporary writers in various genres. Tenth-grade students continue developing composition skills and will focus on text based argumentative essays.

### **English/Language Arts 10 Honors**

**Full Year 5.0 Credits (honors)**

**Prerequisite: Honors Criteria**

**Grades: 10**

This course provides the student with extensive experience in the study of American Literature. Students will continue to explore the concepts and skills to be mastered in future AP English courses. Students begin with an in-depth study of authors of the Colonial Period, the Revolutionary and the Renaissance Periods. Students also study prominent authors of fiction, such as F. Scott Fitzgerald, and non-fiction, such as Henry Thoreau. In addition, students study drama and contemporary writers in various genres. The tenth-grade student continues developing composition skills and will focus on text based argumentative essays.

### **English/Language Arts 11**

**Full Year 5.0 Credits (standard)**

**Prerequisite: English/Language Arts 10**

**Grades: 11**

This course introduces students to major British authors beginning with the Anglo-Saxon Period and culminating with twentieth-century authors. Works such as the epic of Beowulf, *Morte D'Arthur*, and *Brave New World*, as well as selections from authors such as Geoffrey Chaucer, William Shakespeare, and William Wordsworth are studied in-depth. Students study the development of the English language and the historical background of the significant literary periods. Eleventh-grade students further develop composition skills with special emphasis on the expository and persuasive essay. A career and college essay, linked to Naviance, is the concluding project for this course.

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**English/Language Arts 11 Honors****Full Year 5.0 Credits (honors)****Prerequisite: Honors Criteria****Grades: 11**

This course introduces the students to major British authors and writing movements, beginning with the Anglo-Saxon Period and culminating with twentieth-century authors and movements. Major British writers such as Geoffrey Chaucer, William Shakespeare, and William Wordsworth and their important works are studied in-depth. Students also study the development of the English language and the historical background of the significant literary periods, focusing on close reading of poetry. Honors students further develop composition skills with special emphasis on the expository and persuasive essay and prepare for college-level work through extensive development of vocabulary and the language of textual analysis. A career and college essay, linked to Naviance, is the concluding project for this course.

**English/Language Arts 12****Full Year 5.0 Credits (standard)****Prerequisite: English/Language Arts 11****Grades: 12**

This course will focus on the study of contemporary and classic literary and non-fiction works from a number of authors such as Elie Wiesel, Celeste Ng and Maya Angelou. By employing close reading analysis and a deep examination of sociocultural conditions, students will learn to go beyond simple interpretation so that they may evaluate the complex *work* that literature does in the world, as well as its enduring literary qualities and artistic merit. A process-oriented writing approach, in which students write multiple drafts of most essays, will also be a crucial element of this course. In addition to our work with literary and non-fiction texts, students will work continuously toward improving critical thinking, writing and speaking/listening skills, as well as media literacy. By exploring a myriad of current world events, through the examination of various media narratives, students will learn to engage deeply with the critical issues of our time. The writing in the course is geared toward college and careers, beginning with personal narratives that will be developed into college application essays.

**English/Language Arts 12 Honors (DE)****Full Year 5.0 Credits (college)****Prerequisite: Honors Criteria****Grades: 12**

This course will focus on a rigorous and intensive study of contemporary and classic literary and non-fiction works, from a number of authors, including Zora Neale Hurston, Kate Chopin and Elie Wiesel. By employing close reading analysis and a deep examination of sociocultural conditions, students will learn to go beyond simple interpretation so that they may evaluate the complex *work* that literature does in the world, as well as its enduring literary qualities and artistic merit. A process-oriented writing approach, in which students write multiple drafts of most essays, will also be a crucial element of this course. In addition to our work with literary and non-fiction texts, students will work continuously toward improving critical thinking, writing and speaking/listening skills, as well as media literacy. By exploring a myriad of current world events, through the examination of various media narratives, students will learn to engage deeply with the critical issues of our time.

**AP English Language and Composition****Full Year 5.0 Credits (college)****Prerequisite: AP Criteria****Grades: 11**

This course has the rigor of the college freshman composition course it is intended to replace, and students in this course can earn college credit by taking the AP Exam. Students will read and write primarily non-fiction, reading closely and writing thoughtfully to identify audience, purpose, subject, and the resources of language employed by skilled communicators. They will read many different types of writing and learn to synthesize multiple texts into their own expository, analytical, and argumentative writing, citing sources completely and correctly. Students will prepare for the AP exam in Language and Composition, but more importantly, they will learn to read and write effectively across the curriculum at the level necessary for college and career success. Students enrolled in this course will be prepared and expected to take the Advanced Placement exam in May.

**AP English Literature and Composition****Full Year 5.0 Credits (college)****Prerequisite: AP Criteria****Grades: 12**

This course engages students in the careful reading of literary works. Critical standards are developed for the appreciation of literature. To achieve these goals, students study individual work, language, character, action, and

themes. Emphasis is placed on structure and meaning. Through the experience of their own writing, students learn the resources of their language, e.g., irony, syntax, tone, and focus on critical analysis. Students can earn college credit with successful completion of the Advanced Placement exam in the spring. Students enrolled in this course will be prepared and expected to take the Advanced Placement exam in May.

### **Creative Writing**

**Full Year 5.0 Credits (standard)**

**Prerequisite: None**

**Grades: 10, 11, 12**

In a workshop environment, students will progress at their own pace and receive feedback through individualized teacher conferencing and by engaging in peer and self-evaluation. Students use group discussions to analyze elements of effective writing and then apply these features to their own work. The course focuses on creative expression where the skills mastered easily transfer to the academic class settings as students' writing becomes more focused and descriptive in nature. Students develop an awareness of the role of language in communication through writing.

### **English as a Second Language**

**Full Year 5.0 Credits (standard)**

**Prerequisite: Administrative Criteria, Recommendation**

**Grades: 9, 10, 11, 12**

English as a Second Language (ESL) courses are designed for the rapid mastery of the English language, focusing on reading, writing, speaking, and listening skills. ESL courses usually begin with extensive listening and speaking practice, building on auditory and oral skills, and then move on to reading and writing. These courses provide an explanation of basic structures of the English language, enabling students to progress from an elementary understanding of English words and verb tenses to a more comprehensive grasp of various formal and informal styles and then to advance to "regular" English courses. ESL classes may also include an orientation to the customs and culture of the diverse population in the United States.

## **Mathematics Courses**

### **Pre-Algebra**

**Full Year 5.0 Credits (standard)**

**Prerequisite: None**

**Grades: 9, 10**

This course focuses on the study of properties of rational numbers, ratio, proportion, estimation, exponents, and radicals, the rectangular coordinate system, sets and logic, formulas, and solving first degree equations and inequalities.

### **Algebra I**

**Full Year 5.0 Credits (standard)**

**Prerequisite: None**

**Grades: 9, 10, 11, 12**

This course provides a formal development of the algebraic skills and concepts necessary for students to succeed in advanced courses. In particular, the instructional program in this course provides for the use of algebraic skills in a wide range of problem-solving situations. The concept of function is emphasized throughout the course. Topics include operations with real numbers, linear equations and inequalities, relations and functions, polynomials, algebraic fractions, and nonlinear equations.

### **Algebra I Honors**

**Full Year 5.0 Credits (honors)**

**Prerequisite: Honors Criteria**

**Grades: 9**

This course provides a formal development of the algebraic skills and concepts necessary for students to succeed in advanced courses. In particular, the instructional program in this course provides for the use of algebraic skills in a wide range of problem-solving situations. The concept of function is emphasized throughout the course. Topics include operations with real numbers, linear equations and inequalities, relations and functions, polynomials, algebraic fractions, and nonlinear equations. Honors Mathematics courses are intended to be more challenging than standard courses and provide multiple opportunities for students to take greater responsibility for their learning. Honors Mathematics courses should be distinguished by a difference in the quality of the work expected rather than merely by the quantity of the work required.

**Geometry****Full Year 5.0 Credits (standard)****Prerequisite: Algebra I****Grades: 9, 10**

This course teaches students the technique of logical deduction from hypotheses to conclusions. Current approaches and strategies in mathematical education, such as problem-solving, technology, reasoning, applications, and data analysis, are included in the curriculum. The concepts of geometric structures and their relationships and exercises in extensive problem solving are also included in the curriculum.

**Geometry Honors****Full Year 5.0 Credits (honors)****Prerequisite: Honors Criteria****Grades: 9, 10**

This course teaches students the technique of logical deduction from hypotheses to conclusions. Current approaches and strategies in mathematical education, such as problem-solving, technology, reasoning, applications, and data analysis, are included in the curriculum. The concepts of geometric structures and their relationships and exercises in extensive problem solving are also included in the curriculum. This course is intended to be more challenging than standard courses and provide multiple opportunities for students to take greater responsibility for their learning. Honors Mathematics courses should be distinguished by a difference in the quality of the work expected rather than merely by the quantity of the work required.

**Algebra II****Full Year 5.0 Credits (standard)****Prerequisite: Algebra I****Grades: 10, 11, 12**

This course continues with the study of advanced algebraic concepts including functions, polynomials, rational expressions, and systems of functions and inequalities. Students will be expected to describe and translate among graphic, algebraic, numeric, tabular, and verbal representations of relations and use those representations to solve problems. Emphasis will be placed on practical applications and modeling. Appropriate technology, from manipulatives to calculators, will be used regularly for instruction and assessment.

**Algebra II Honors****Full Year 5.0 Credits (honors)****Prerequisite: Honors Criteria****Grades: 10, 11**

This course continues with the study of advanced algebraic concepts including functions, polynomials, rational expressions, and systems of functions and inequalities. Students will be expected to describe and translate among graphic, algebraic, numeric, tabular, and verbal representations of relations and use those representations to solve problems. Emphasis will be placed on practical applications and modeling. Appropriate technology, from manipulatives to calculators, will be used regularly for instruction and assessment. This course is intended to be more challenging than the standard course and provides multiple opportunities for students to take greater responsibility for their learning. Extended algebraic concepts are addressed.

**Math Analysis: Foundations of Math****Full Year 5.0 Credits (standard)****Prerequisite: Algebra II****Grades: 11, 12**

This course touches base on a wide variety of topics that first-year college students would typically encounter in a College Algebra course. In addition to reviewing some basic algebra skills, students will be studying functions in great detail including linear functions, quadratics, polynomials, radical functions, rational functions, exponential and logarithmic functions. If time permits, students will also take a look at sequences and series. Another major goal of the course is to get students familiar with the TI-84 Plus graphing calculator, which may be a required piece of equipment for college students.

**Transition Algebra****Full Year 5.0 Credits (standard)****Prerequisite: Geometry****Grades: 11, 12**

This course reviews and extends algebra and geometry concepts for students who have already taken Algebra 1 and Geometry. Transition Algebra courses include a review of such topics as properties and operations of real numbers; evaluation of rational algebraic expressions; solutions and graphs of first-degree equations and inequalities; translation of word problems into equations; operations with and factoring of polynomials; simple quadratics; properties of plane

and solid figures; rules of congruence and similarity; coordinate geometry including lines, segments, and circles in the coordinate plane; and angle measurement in triangles including trigonometric ratios.

### **Pre-Calculus**

**Full Year 5.0 Credits (standard)**

#### **Prerequisite: Algebra II**

**Grades: 11, 12**

This course emphasizes the use of elementary functions and their graphs. Algebraic skills are used to further develop concepts in exponential, logarithmic, logistic, trigonometric and inverse trigonometric functions from numerical, graphical, and algebraic approaches. Additional topics to be investigated include sequences, series, and polar-coordinate systems. A foundation for the study of calculus is provided through the successful completion of this course.

### **Pre-Calculus Honors**

**Full Year 5.0 Credits (honors)**

#### **Prerequisite: Honors Criteria**

**Grades: 11, 12**

This course focuses on the extensive development of the concepts studied in mathematical analysis is the major focus of this course. Emphasis is on multi-step problem-solving exercises utilizing the graphing calculator and/or the computer. Successful completion of this course provides an excellent foundation for the study of Advanced Placement calculus. The course is valuable for those students who are interested in a scientific and mathematical career. This course is intended to be more challenging than standard courses and provide multiple opportunities for students to take greater responsibility for their learning. This course should be distinguished by a difference in the quality of the work expected rather than merely by the quantity of the work required.

### **Calculus**

**Full Year 5.0 Credits (standard)**

#### **Prerequisite: Pre-Calculus**

**Grades: 12**

This course includes the study of derivatives, differentiation, integration, the definite and indefinite integral, and applications of calculus. Typically, students have previously attained knowledge of pre-calculus topics (some combination of trigonometry, elementary functions, analytic geometry, and math analysis).

### **AP Calculus AB**

**Full Year 5.0 Credits (college)**

#### **Prerequisite: AP Criteria**

**Grades: 11, 12**

This course focuses on the study of Calculus and related topics at the same level as a first-semester course in colleges and universities. It is expected that students who take an AP course in calculus will seek college credit or placement, or both, from institutions of higher learning. Students enrolled in this course will be prepared and expected to take the Advanced Placement exam in May.

### **Statistics**

**Full Year 5.0 Credits (standard)**

#### **Prerequisite: Math Analysis: Foundations of Math or Algebra II**

**Grades: 11, 12**

This course will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, observing patterns and departures from patterns; planning a study, deciding what and how to measure; anticipating patterns, producing models using probability theory and simulation; and statistical inference, confirming models.

### **Statistics Honors**

**Full Year 5.0 Credits (honors)**

#### **Prerequisite: Honors Criteria**

**Grades: 11,12**

This course focuses on descriptive statistics, with an introduction to inferential statistics. Topics include event probability, normal probability distribution, collection and description of data, frequency tables and graphs, measures of central tendency and variability, random variables, and random sampling. Course topics may also include covariance and correlation, central limit theorem, confidence intervals, and hypothesis testing.

**AP Statistics****Full Year 5.0 Credits (college)****Prerequisite: AP Criteria****Grades: 12**

This course involves the study of four main areas: exploratory analysis, planning a study, probability, and statistical inference. According to the College Board, upon entering this course, students are expected to have mathematical maturity and quantitative reasoning ability. Mathematical maturity could be defined as a complete working knowledge of the graphical and algebraic concepts through Math Analysis, including linear, quadratic, exponential, and logarithmic functions. This AP Statistics course is taught as an activity-based course in which students actively explore and construct their own understanding of the concepts and techniques of statistics. Students enrolled in this course will be prepared for and expected to take the Advanced Placement exam in May.

## Music Courses

**Band****Full Year 5.0 Credits (standard)****Prerequisite: None****Grades: 9, 10, 11, 12**

This course is a full year, 5 credit course and is open to all instrumental students in grades 9-12. Students will participate in three performances during the school year. These performances include our annual Holiday, "Pops" and spring concerts. Grades will be based on student performance, musical achievement, and positive participation throughout the school year. Students will be scheduled to attend one weekly small group and individual lessons, which will be in addition to the regularly scheduled full band rehearsals.

**Jazz Ensemble****Full Year 5.0 Credits (standard)****Prerequisite: None****Grades: 10, 11, 12**

This course will serve as an introduction to the rich history of jazz music. Through ensemble rehearsal, individual practice, and a variety of performance opportunities, students will gain an understanding and appreciation for this great art form. Emphasis will be placed on not just performance technique, but also rudimentary improvisational skills, musicianship, and a sense of personal accountability. This ensemble is a skilled effort in which students are expected to show technical and musical growth throughout this course.

**Rock and Roll History****Full Year 5.0 Credits (standard)****Prerequisite: None****Grades: 9, 10, 11, 12**

This course surveys different musical styles of rock and roll with the intent of increasing students' understanding of music and its importance in relation to the human experience and music's influence on culture. This course may focus on how various styles of music apply musical elements to create an expressive or aesthetic impact. Students also have the opportunity for informal music performance and creation within the classroom. Students will study the Origins of Rock and Roll; Jazz; the 1950s; Surf Rock and the British Invasion; Motown, Soul, and R&B; and rock of today.

**Music Theory Honors****Full Year 5.0 Credits (honors)****Prerequisite: Honors Criteria****Grades: 11, 12**

This course is designed for serious students of music who want to gain an in-depth understanding of how music is written and functions in western culture. It is also a prerequisite to acceptance into the AP Music Theory course. This course will introduce the principles of harmony in music beginning with the construction of major and minor scales, the circle of fifths, interval training, triad construction, basic chord recognition, musical notation, rhythmic counting, seventh chords, and basic four-part writing. Music history and technology will be included.

**AP Music Theory****Full Year 5.0 Credits (college)****Prerequisite: AP Criteria****Grades: 11, 12**

The AP Music Theory Development Committee has sought the advice of both high school and college faculties to define the scope of work that would be equivalent to first-year college courses in music theory. The foundation of knowledge presented in the yearlong AP Music Theory course during high school provides students with the opportunity to develop, practice, and master music theory skills essential to success in post-secondary music theory course work.

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## Physical Education/Health Courses

### **Physical Education/Health**

**Full Year 5.0 Credits (standard)**

**Prerequisite: None**

**Grades: 9, 10, 11, 12**

The High School Core Physical Education course provides a foundation for students to develop and improve skills in order to participate successfully in a variety of activities. The course is a balance of the team and individual activities that students are likely to participate in beyond high school. Team sports may include basketball, soccer, slow-pitch softball, and volleyball. Individual sports may include badminton, bowling, golf, and tennis. A dance unit is also included. Students are expected to improve their level of skill and knowledge, as well as understand and implement more advanced strategies for each sport. A major focus in the Personal Fitness unit is for students to acquire knowledge about the components of fitness, learn about the benefits of exercise, and participate in fitness activities. The use of heart rate monitors as a measurement of fitness and personal growth may be included.

**The Freshman Health course** provides students with opportunities to explore health-related concepts and factors such as nutrition, physical fitness, substance abuse, human development, preventing disease, and community health and safety. This is a course designed to provide students with a base of health-related knowledge to be built upon in later years in order to promote healthy decisions and inspire a life of wellness. This course will help students to become lifelong successful learners in making good choices about healthy living.

**The Sophomore Driver Education course** is designed to develop safe, courteous, and knowledgeable drivers. The program emphasizes defensive driving, driver safety and responsibility, and awareness of laws and regulations. Students will gain an awareness of the driving task and the responsibilities that accompany it. The course will raise students' level of awareness about driver impairment and that when driving impaired, they may not be able to drive safely. Students will develop an understanding of the impact that natural forces have concerning driving.

**The Junior Health course** will provide students with opportunities to dive deeper into previously covered health-related concepts, as well as inspire students to explore new ideas and utilize critical thinking. Students will be asked to examine the effectiveness of new technologies and concepts surrounding topics such as social and emotional health, nutrition, physical fitness, drug and alcohol abuse, human sexuality, injury prevention, and treatment. This course will help students to become lifelong successful learners in making good choices about healthy living.

**The Senior Health course** will cover aspects of mental, emotional, and physical health. Emphasis is placed on knowledge for the development of attitude, understanding, and practice of a preventive lifestyle for healthy living and optimal wellness. Specific instructional areas include chronic diseases, physical activity, nutrition, weight management, birth control methods, human sexuality, alcohol, tobacco, illicit chemical use, stress, and factors that contribute to wellness and longevity.

### **Nutrition 1**

**Semester 2.5 Credits (standard)**

**Prerequisite: None**

**Grades: 9, 10, 11, 12**

This course focuses on how physical, mental, social, psychological, and emotional wellness are related to food, food selection, and health. Topics typically include dietary needs across one's lifespan, stress management, special dietary issues, and eating disorders as well as societal and genetic health issues that are addressed through the prevention education component of the class. Other topics covered range from healthy food selection, label reading, and diet analysis to understanding additives, making wise food choices, and dealing with food allergies.

### **Nutrition 2**

**Semester 2.5 Credits (standard)**

**Prerequisite: Nutrition 1**

**Grades: 10, 11, 12**

This course will expand upon the concepts from Nutrition 1, focusing on the fundamentals of the science of nutrition with emphasis on energy, macronutrients, vitamins, and minerals required by humans. The functions of these nutrients, their food sources, and how the body handles them will be discussed within the framework of nutrition in the promotion

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of health and the prevention of chronic disease. This course will conclude with a culminating student project and presentation.

**Weight Training**

**Full Year 5.0 Credits (standard)**

**Prerequisite: None**

**Grades: 10, 11, 12**

This course helps students develop knowledge and skills with free weights and universal stations while emphasizing safety and proper body positioning. This course may include other components such as anatomy and conditioning.

**Care of Athletes/Sports Physiology**

**Full Year 5.0 Credits (standard)**

**Prerequisite: None**

**Grades: 10, 11, 12**

This course examines human anatomy and physiology as they pertain to human movement and physical performance in sports activities. This course also emphasizes the prevention and treatment of athletic injuries.

## Science Courses

**Biology**

**Full Year 5.0 Credits (standard)**

**Prerequisite: None**

**Grades: 9, 10, 11, 12**

This course is designed so that the chemical basis and structure of living organisms is learned through the study of cells, tissues, organs, organisms, populations, and communities. The conceptual development and insight into the thinking processes behind the scientific discovery are stressed. Much emphasis is placed on laboratory work and problem-solving. Students gain firsthand experience with the learning processes and skills such as observing, classifying, identifying, measuring, inferring, interpreting, and predicting. This course is required of all students who have not yet had a biology course.

**Biology Honors**

**Full Year 5.0 Credits (honors)**

**Prerequisite: Honors Criteria**

**Grades: 9, 10, 11, 12**

In this course, students will investigate the topics studied in the Biology course in greater depth and will be required to function at higher levels of cognition in classwork, laboratory work, and on tests. More extensive, open-ended laboratory experiments and research is done in this course. A major term paper and project are a requirement of this course.

**AP Biology**

**Full Year 5.0 Credits (college)**

**Prerequisite: AP Criteria**

**Grades: 11, 12**

This course is designed to prepare students for the College Board Advanced Placement Biology exam. The course is designed to be the equivalent of a two-semester college introductory biology course taken by biology majors and covers the topics of molecules and cells, heredity and evolution, and organisms and populations. The first semester will focus on the chemistry of life, cells, heredity, molecular genetics, and evolutionary biology. The second semester will focus on the diversity of organisms, the structure and function of plants and animals, and ecology. Class activities will include discussion, problem-solving, and expanded projects. Extensive practice in essay writing and in understanding and responding to multiple-choice questions are an integral part of the class. Students enrolled in this course will be prepared for and expected to take the Advanced Placement test in May.

**Chemistry**

**Full Year 5.0 Credits (standard)**

**Prerequisite: Biology**

**Grades: 10, 11, 12**

This course offers students an opportunity to learn the latest hypotheses, theories, laws, and principles of chemistry. It does so by providing for the student-extensive laboratory experiences that emphasize techniques as well as the gathering of data and making predictions. Emphasis is placed on chemical principles and the mathematical analysis of chemical reactions.



**Chemistry Honors (DE)** **Full Year 5.0 Credits (college)**  
**Prerequisite: Honors Criteria** **Grades: 10, 11, 12**  
This course will have students involved in experimentation and greater mathematical analysis than in College Prep Chemistry. Students are exposed to more complex levels of problem solving and analysis of chemical reactions. This course is recommended for those students who plan to pursue a career in a scientific or mathematical field.

**AP Chemistry** **Full Year 5.0 Credits (college)**  
**Prerequisite: AP Criteria** **Grades: 11, 12**  
This course utilizes a college-level text and emphasizes chemical calculations and the mathematical formulation of principles. This course is recommended for those students who plan to pursue a career in a scientific or mathematical field. There is a strong emphasis on the mathematical aspects of chemistry with a goal of preparation for the Advanced Placement test. Students do college-level laboratory experiments and their laboratory experiences are emphasized in their evaluation. Students enrolled in this course will be prepared for and expected to take the Advanced Placement test in May.

**Physics** **Full Year 5.0 Credits (standard)**  
**Prerequisite: Chemistry** **Grades: 11, 12**  
This course involves an in-depth study of the forces and laws of nature affecting matters, such as equilibrium, motion, momentum, and the relationships between matter and energy. It includes the examination of sound, light, and magnetic and electric phenomena.

**Physics Honors** **Full Year 5.0 Credits (standard)**  
**Prerequisite: Honors Criteria** **Grades: 11, 12**  
This course involves an in-depth study of the forces and laws of nature affecting matters, such as equilibrium, motion, momentum, and the relationships between matter and energy. It includes the examination of sound, light, and magnetic and electric phenomena.

**AP Physics** **Full Year 5.0 Credits (college)**  
**Prerequisite: AP Criteria** **Grades: 11, 12**  
This course examines quantitative treatment of mechanics, wave phenomena, energy, and modern physics. Emphasis is placed on laboratory experiences and a high level of analysis of physical phenomena. Students enrolled in this course will be prepared and expected to take the Advanced Placement test in May.

**Environmental Science** **Full Year 5.0 Credits (standard)**  
**Prerequisite: None** **Grades: 9, 10**  
This course examines the mutual relationships between organisms and their environment. In studying the interrelationships among plants, animals, and humans, these courses usually cover the following subjects: photosynthesis, recycling and regeneration, ecosystems, population and growth studies, pollution, and conservation of natural resources.

**Earth Science** **Full Year 5.0 Credits (standard)**  
**Prerequisite: Biology** **Grades: 10, 11, 12**  
This course offers insight into the environment on Earth and the Earth's environment in space. While presenting the concepts and principles essential to students' understanding of the dynamics and history of the Earth, these courses usually explore oceanography, geology, astronomy, meteorology, and geography. It is a Problem Based Learning course focusing on four major projects in a year.

**Anatomy and Physiology (DE)****Full Year 5.0 Credits (college)****Prerequisite: None****Grades: 11, 12**

This course is the study of the structure and function of mammals. This course follows a sequential development of the major body systems in an organized and structured curriculum. This course is designed to give students a selective overview of the anatomical structure and a brief analysis of physiological principles.

**General Science****Full Year 5.0 Credits (standard)****Prerequisite: Biology****Grades: 11, 12**

This class is broken down into 2 parts; basic ecology and general science skills. One part of this course provides an introduction to the interactions between living organisms and their environment. Topics include different types of population, communities and ecosystems, species interaction, energy flow, nutrient cycling, succession, natural selection, evolution and applications to current environmental management issues. The other part of this course provides an introduction to general principles of scientific skills. Students have the opportunity to explore scientific processes, develop laboratory skills and techniques, and acquire an understanding of the fundamental principles of life. Subjects that will be covered include, but are not limited to: properties of water, biological chemistry, and macromolecules.

### Social Studies Courses

**World History****Full Year 5.0 Credits (standard)****Prerequisite: None****Grades: 9**

This course provides students with an overview of the history of human society from early civilization to the contemporary period, examining political, economic, social, religious, military, scientific, and cultural developments. World History—Overview courses may include geographical studies, but often these components are not as explicitly taught as geography.

**World History Honors****Full Year 5.0 Credits (honors)****Prerequisite: Honors Criteria****Grades: 9**

This course provides students with an overview of the history of human society from early civilization to the contemporary period, examining political, economic, social, religious, military, scientific, and cultural developments. World History—Overview courses may include geographical studies, but often these components are not as explicitly taught as geography. Honors Social Studies courses are intended to be more challenging than standard courses and provide multiple opportunities for students to take greater responsibility for their learning. Honors Social Studies courses should be distinguished by a difference in the quality of the work expected rather than merely by the quantity of the work required.

**Early U.S. History****Full Year 5.0 Credits (standard)****Prerequisite: World History****Grades: 10**

This course covers the major historical events from the turn of the 20<sup>th</sup> century through the New Deal. This includes Life at the Turn of the Century, The Progressive Era, Urbanization, Imperialism, Women's Suffrage, WWI, and The Roaring 20's. Students will engage in reading using historical thinking skills such as sourcing and close reading of primary and secondary sources. Students will conduct short research projects using the Media Center databases that culminate in the enhancement of argumentative and/or narrative writing assignments.

**Early U.S. History Honors****Full Year 5.0 Credits (honors)****Prerequisite: Honors Criteria****Grades: 10**

This course covers the major historical events from the turn of the 20<sup>th</sup> century through the New Deal. This includes Life at the Turn of the Century, The Progressive Era, Urbanization, Imperialism, Women's Suffrage, WWI, The Roaring 20's. Students will engage in reading using historical thinking skills such as sourcing and close reading of primary and secondary sources. Students will conduct short research projects using the Media Center databases that culminate in the enhancement of argumentative and/or narrative writing assignments. Honors Social Studies courses are intended to be

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more challenging than standard courses and provide multiple opportunities for students to take greater responsibility for their learning. Honors Social Studies courses should be distinguished by a difference in the quality of the work expected rather than merely by the quantity of the work required.

### **Modern U.S. History**

**Full Year 5.0 Credits (standard)**

**Prerequisite: Early U.S. History**

**Grades: 11**

This course covers the major historical events from the New Deal in the 1930s through the early 21<sup>st</sup> century. This includes WWII, the Korean War, Domestic & Foreign Policy of the 1950s-60s, Civil Rights Movement, Turmoil of the 1970s, New Conservatism of the 1980s, and Globalization. Students will engage in reading using historical thinking skills such as sourcing and close reading of primary and secondary sources. Students will conduct short research projects using the Media Center databases that culminate in the enhancement of argumentative and/or narrative writing assignments.

### **Modern U.S. History Honors (DE)**

**Full Year 5.0 Credits (college)**

**Prerequisite: Honors Criteria**

**Grades: 11**

This course covers the major historical events from the New Deal in the 1930s through the early 21<sup>st</sup> century. This includes WWII, the Korean War, the Domestic & Foreign Policy of the 1950s-60s, the Civil Rights Movement, the Turmoil of the 1970s, the New Conservatism of the 1980s, and Globalization. Students will engage in reading using historical thinking skills such as sourcing and close reading of primary and secondary sources. Students will conduct short research projects using the Media Center databases that culminate in the enhancement of argumentative and/or narrative writing assignments. Honors Social Studies courses are intended to be more challenging than standard courses and provide multiple opportunities for students to take greater responsibility for their learning. Honors Social Studies courses should be distinguished by a difference in the quality of the work expected rather than merely by the quantity of the work required.

### **Sociology**

**Full Year 5.0 Credits (standard)**

**Prerequisite: None**

**Grades: 10, 11, 12**

In this course, students are introduced to the study of human behavior in society. In this class, students will study sociological perspectives, cultural and social structures, social inequality, social institutions, and social change.

### **Psychology**

**Full Year 5.0 Credits (standard)**

**Prerequisite: None**

**Grades: 10, 11, 12**

This course is an experimental science based on observation and analysis. Psychology (from the Greek word, psyche, for soul and mind) attempts to organize impressions and observations in order to discover patterns, draw conclusions, and create useful models about how our minds work and how we behave. It is used to help people with personal and relationship problems ranging from stress to complex psychological disorders. This course introduces students to the scientific study of behavior and mental processes of humans and other animals. Topics that may be explored include research methods, biological basis of behavior, psychological disorders and their treatment, sensation, perception, states of consciousness, memory, thinking, language, learning, intelligence, motivation, emotion, personality, human development, and social psychology.

### **Particular Topics in Psychology**

**Full Year 5.0 Credits (standard)**

**Prerequisite: None**

**Grades: 10, 11, 12**

This course examines particular topics in psychology in depth. It provides a more comprehensive overview of the field. This course will focus on abnormal psych, the study of the criminal mind, developmental psych, and personality.

### **AP Psychology**

**Full Year 5.0 Credits (college)**

**Prerequisite: AP Criteria**

**Grades: 11, 12**

This course is a challenging one-year study of psychology. It is designed for highly mature and motivated academic students who are interested in a systematic and scientific study of human behavior and mental processes. Students will be exposed to psychological facts, principles, and phenomena associated with each of the major subfields of psychology.

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Topics of study include the biological bases of behavior, sensation, perception, states of consciousness, learning, cognition, motivation, emotion, development, personality, abnormal behavior and its treatment, and social psychology. Students enrolled in this course will be prepared and expected to take the Advanced Placement test in May.

### **Wellness of the Mind**

**Semester 2.5 Credits (standard)**

**Prerequisite: None**

**Grades: 9, 10, 11, 12**

This course will help students to understand the dimensions of wellness, the various factors affecting each dimension, and how dimensions are interrelated. A focus will be placed on understanding the relationship between personal behaviors and lifelong health and wellness. Students will assess their own levels of health and wellness and understand how these levels impact their quality of life. Students will also identify and implement strategies to improve their wellness.

### **Wellness of the Mind 2**

**Semester 2.5 Credits (standard)**

**Prerequisite: Wellness of the Mind**

**Grades: 10, 11, 12**

This course expands upon the definition of wellness, health promotion, and the seven-dimensions model of wellness. Students will learn the professional role and personal commitment required to implement life-style wellness programs. The course includes an overview of the history and philosophy contributing to the success of wellness and health promotion professionals. Students learn through assigned experiential learning the basic wellness principles. Activities explore personal wellness and whole systems healing in the seven dimensions of spiritual, physical, emotional, career, intellectual, environmental, and social.

### **Contemporary Issues (Pilot's Log)**

**Full Year 5.0 Credits (standard)**

**Prerequisite: None**

**Grades: 10, 11, 12**

This course explores people and society. It examines our social institutions; our families, the state, and social relationships, like gender and ethnicity, to help make sense of how we both see and interpret our rapidly changing world. The course will focus on current issues through multimedia projects, presentations, and primary source analysis. Students will work closely with news outlets, online sources, databases, newspapers, and magazines. Students will also be a part of the creation of the *Pilot's Log* and will utilize journalistic practices and skills.

### **Humanities: History Through Film**

**Full Year 5.0 Credits (standard)**

**Prerequisite: None**

**Grades: 10, 11, 12**

This course will have students use historical thinking skills (chronological thinking, historical comprehension, historical analysis, historical research, historical decision making) to examine the way that historical events have been portrayed in major films. Thematic topics may include; wars, civil rights, innovations, minorities, courage, etc. The class will be examined chronologically, allowing students to learn about events that may not have been covered in their traditional history course. Students will examine the films through the lens of historiography and how different periods in time allow for / determine how a film is produced and accepted.

### **News Literacy/US Ethics and Gender Studies**

**Semester 2.5 Credits (standard)**

**Prerequisite: None**

**Grades: 9, 10, 11, 12**

In this course, students will explore digital citizenship through the lens of privacy and security, relationships and communication, cyberbullying, digital drama, hate speech, and news and media literacy. The goal of this work is to provide students with the tools necessary to become educated in using technology and media in a safe and effective way. This will also assist students in the next phase of the course incorporating research and a culminating project involving media. Students will acquire the skills needed to be active, informed citizens who value diversity and promote cultural understanding by working collaboratively to address the challenges that are inherent in living in an interconnected world. Through research, students will develop projects that show an in-depth understanding of a global topic.

## **Publication/Production - Yearbook**

**Full Year 5.0 Credits (standard)**

**Prerequisite: None**

**Grades: 11, 12**

The course is a year-long course and a year-long commitment. As a member of the yearbook staff, you will learn many skills that will help you in your high school career and later in life, including the following: *interviewing, writing, editing, peer tutoring, peer evaluation, marketing, budgeting, advertising, public relations, keyboarding, computer graphics, graphic design, photography, time management, and cooperative learning*. Staff member responsibilities include the areas of Advertising Sales (Business Ads, Senior Ads), Photography (Photos at school functions, photos during school, photos after school), Copy Writing and Copy Editing, and Public Relations. Fundraising is also a part of the yearbook, which is why we sell ads. The Yearbook staff needs to raise approximately \$30,000 in five months. All five aspects work together to complete our yearbook. Your efforts have a direct effect on the quality of our high school's yearbook. Yearbooks have several purposes. They document history -- of the school, of the sports and activities, of the students, of the community. Yearbooks stop time. They remind people of what things were like in high school. Yearbooks make people feel important when they see their own pictures or names. Yearbooks also promote school spirit. In order for our yearbook to serve all of these purposes, dedication, cooperation and time are needed. Although much of the work for the Yearbook will be done in class, you will be required to spend time outside of class as well. All tasks must be completed and all deadlines must be met, regardless if they fit into the period we are allotted. All Yearbook staff members are responsible for the content and completion of the yearbook. Yearbook staff members are responsible for all duties listed in the class syllabus and any not listed but deemed necessary by the adviser.

## **Socratic Seminar**

**Full Year 5.0 Credits (standard)**

**Prerequisite: None**

**Grades: 11, 12**

Students will participate in a seminar based class based on the principles of a Socratic Seminar. The purpose of a seminar is to test student's abilities to read carefully, listen closely, work cooperatively, think critically, and speak precisely. This is based on Socrates' theory that the surest way to learn about something is through dialogue with others. This is achieved through the use of primary and secondary sources to help students answer a given historical question. When the students participate in these discussions there will be an established expectation that they will cite where they have learned the information they are discussing and/or support their own created claims with textual evidence from the reading both provided and found. This will allow for the dialogue to have a deeper level of critical thinking and analysis.

The historical events that we will be discussing on a domestic and global level will be from the contemporary period of history (1945-present) and will be tied in as a continuation of curriculum from both Modern US History and World History.

## **Business Courses**

### **Personal Finance**

**Semester 2.5 Credits (standard)**

**Prerequisite: None**

**Grades: 10, 11, 12**

This course is designed to give students an understanding of our economic system. This will be accomplished through a study of the American economy and of the major areas in which consumers need help in making money management decisions: using credit, banking services, buying goods and services, evaluating advertising, and using labels and brands as buying guides. This course presents the basic aspects of personal financial decision-making. Students will be able to explore a broad range of today's assets/investment alternatives, including stocks, bonds, mutual funds, and savings instruments. Students will learn about important financial topics such as different retirement plan options, avoiding identity theft, etc. Technology will be integrated throughout the curriculum to assist the students with researching and preparing course materials.

### **Introduction to Accounting (DE)**

**Full Year 5.0 Credits (college)**

**Prerequisite: None**

**Grades: 10, 11, 12**

This course prepares the student for initial jobs in accounting departments. It will serve as a basis for college accounting, for keeping records in small businesses, for performing the separate function in a large accounting office, and to provide many of the general concepts of business operations essential to all business workers, including computerized

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accounting. It is hoped that through knowledge of accounting practices, the students will show increased competence in managing their personal affairs.

### **Entrepreneurship (DE)**

**Full Year 5.0 Credits (college)**

**Prerequisite: None**

**Grades: 10, 11, 12**

This course acquaints students with the knowledge and skills necessary to own and operate their own businesses. Topics from several fields typically form the course content: economics, marketing principles, human relations and psychology, business and labor law, legal rights and responsibilities of ownership, business and financial planning, finance and accounting, and communication.

### **Business Law**

**Full Year 5.0 Credits (standard)**

**Prerequisite: None**

**Grades: 10, 11, 12**

This course emphasizes legal concepts that are relevant to business and business organizations. Topics examined in this course include contracts, buying/renting a property, installment buying, insurance, buyer/seller relationships, negotiable instruments, employment, taxes, insurance, commercial papers, legal organizational structures, and consumer liabilities.

### **Economics**

**Full Year 5.0 Credits (standard)**

**Prerequisite: None**

**Grades: 10, 11, 12**

This course provides students with an overview of economics with a primary emphasis on the principles of microeconomics and the U.S. economic system. This course also covers topics such as principles of macroeconomics, international economics, and comparative economics. Economic principles may be presented in formal theoretical contexts, applied contexts, or both.

## **World Language Courses**

### **Spanish Conversation and Culture**

**Full Year 5.0 Credits (standard)**

**Prerequisite: None**

**Grades: 9, 10, 11, 12**

This course is designed to provide students with an introduction to the Spanish language and the culture(s) of Spanish-speaking people, placing greater emphasis on speaking and listening skills while deemphasizing writing and reading the language.

### **Spanish I**

**Full Year 5.0 Credits (standard)**

**Prerequisite: None**

**Grades: 9, 10, 11, 12**

This course is designed to develop initial skills of listening, speaking, reading, and writing, which is essential to all students. Additional emphasis is placed upon understanding and appreciating the Spanish people, their culture, language, and institutions throughout the world. This study is enriched by the use of tapes, records, filmstrips, transparencies, dittos, magazines, and newspapers.

### **Spanish I Honors**

**Full Year 5.0 Credits (honors)**

**Prerequisite: Honors Criteria**

**Grades: 9, 10, 11, 12**

This course is designed to develop initial skills of listening, speaking, reading, and writing, which is essential to all students. This course is more comprehensive than Spanish I and moves at a faster pace while emphasizing the Spanish people, their culture, language, and institutions throughout the world. A cultural research project is a component of the program.

### **Spanish II**

**Full Year 5.0 Credits (standard)**

**Prerequisite: Spanish I**

**Grades: 10, 11, 12**

This course puts a continuing and special emphasis upon comprehension in reading, accuracy in writing, fluency in speaking, and discrimination in listening. Daily classroom activities include vocabulary and basic grammatical skills,

question and answer sessions, discussions, dialogues, dictation, and short readings. Audio-visual materials stimulate and enhance the study of our Spanish neighbors.

### **Spanish II Honors**

**Full Year 5.0 Credits (honors)**

#### **Prerequisite: Honors Criteria**

**Grades: 10, 11, 12**

This course puts a continuing and special emphasis upon comprehension in reading, accuracy in writing, fluency in speaking, and discrimination in listening. Daily classroom activities include vocabulary and basic grammatical skills, question and answer sessions, discussions, dialogues, dictation, and short readings. Audio-visual materials stimulate and enhance the study of our Spanish neighbors. This course is more comprehensive than Spanish II and moves at a faster pace. A research project is a component of this program.

### **Spanish III**

**Full Year 5.0 Credits (standard)**

#### **Prerequisite: Spanish II**

**Grades: 11, 12**

This course commences with an intense grammatical review and subsequently attempts to improve the students' skills by stressing the finer points of pronunciation and intonation. There are readings from various genres of Hispanic literature, followed by discussions and tests to check comprehension and mode of expression. Audio-visual materials, lectures, and discussions of the history, geography, and culture of Spain, Central America, and South America are vital elements of this course.

### **Spanish III Honors**

**Full Year 5.0 Credits (honors)**

#### **Prerequisite: Honors Criteria**

**Grades: 11, 12**

This course commences with an intense grammatical review and subsequently attempts to improve the students' skills by stressing the finer points of pronunciation and intonation. There are readings from various genres of Hispanic literature, followed by discussions and tests to check comprehension and mode of expression. Audio-visual materials, lectures, and discussions of the history, geography, and culture of Spain, Central America, and South America are vital elements of this course. This course is more comprehensive than Spanish III and moves at a faster pace. A research project is a component of this program.

### **Spanish IV (DE)**

**Full Year 5.0 Credits (college)**

#### **Prerequisite: Spanish III**

**Grades: 11, 12**

This course enables students to continue to refine their skills utilizing a broader selection of activities. A close study is made of the various periods and masters of Hispanic literature. This is sometimes accomplished by independent study followed by group discussion. Much emphasis is placed on composition, writing, and conversation. Grammatical elements are reviewed individually whenever a student confronts a problem. A close look at current Hispanic culture throughout the world is presented by way of individual reports based on recent publications.

### **AP Spanish**

**Full Year 5.0 Credits (college)**

#### **Prerequisite: AP Criteria**

**Grades: 11, 12**

This course offers intensive development of listening, speaking, reading, and writing skills. Readings include novels, plays, short stories, and newspaper and magazine articles. These readings serve as the basis for class discussions and for written work. Grammar study may be pointed or arise during literary analysis and interpretation. Such a study is then reinforced through correction and subsequent rewriting of student compositions. Students communicate almost exclusively in the target language in the classroom. Course content follows The College Board's Advanced Placement curricula in a foreign language. Students enrolled in this course will be prepared and expected to take the Advanced Placement test in May.

### **Italian I**

**Full Year 5.0 Credits (standard)**

#### **Prerequisite: None**

**Grades: 9, 10, 11, 12**

This course introduces students to the Italian language and culture. Italian I emphasize basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level

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within predictable areas of need, using customary courtesies and conventions. Italian culture is introduced through the art, literature, customs, and history of the Italian- speaking people.

### **Italian I Honors**

**Full Year 5.0 Credits (honors)**

#### **Prerequisite: Honors Criteria**

**Grades: 9, 10, 11, 12**

This course introduces students to the Italian language and culture. Italian I emphasize basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. Italian culture is introduced through the art, literature, customs, and history of the Italian- speaking people. This course is more comprehensive than Italian I and moves at a faster pace. A research project may be a component of this program.

### **Italian II**

**Full Year 5.0 Credits (standard)**

#### **Prerequisite: Italian I**

**Grades: 10, 11, 12**

This course continues to stress the four skills. The goal is achieved through new vocabulary words, idiomatic expressions, and grammatical structure. Conversation and a variety of activities are centered on the student's life and natural situation. Extra activities and outside reading are encouraged throughout the course.

### **Italian II Honors**

**Full Year 5.0 Credits (honors)**

#### **Prerequisite: Honors Criteria**

**Grades: 10, 11, 12**

This course continues to stress the four skills. The goal is achieved through new vocabulary words, idiomatic expressions, and grammatical structure. Conversation and a variety of activities are centered on the student's life and natural situation. Extra activities and outside reading are encouraged throughout the course. This course is more comprehensive than Italian II and moves at a faster pace. A research project may be a component of this program.

### **Italian III**

**Full Year 5.0 Credits (standard)**

#### **Prerequisite: Italian II**

**Grades: 11, 12**

This course continues to reinforce the four skills. The course covers different fields such as history, geography, culture, family experience, and politics. Mastery of the language is demonstrated through different activities and a variety of approaches. Activities include oral reports, composition, short stories, plays, cooking, independent reading, and projects. Grammar is reviewed and pronunciation is refined whenever it is necessary.

### **Italian IV (DE)**

**Full Year 5.0 Credits (college)**

#### **Prerequisite: Italian III**

**Grades: 11, 12**

This course will continue to improve the skills needed to read, write, comprehend and speak the Italian language. This goal is achieved with a wider choice of materials and with different activities. Emphasis is put on different kinds of writing, a variety of readings, and a deeper appreciation of the language. Students will be enlightened and encouraged to develop an interest in the language beyond the secondary level.

### **AP Italian**

**Full Year 5.0 Credits (college)**

#### **Prerequisite: AP Criteria**

**Grades: 11, 12**

This course offers intensive development of listening, speaking, reading, and writing skills. Readings include novels, plays, short stories, and newspaper and magazine articles. These readings serve as the basis for class discussions and for written work. Grammar study may be pointed or arise during literary analysis and interpretation. Such a study is then reinforced through correction and subsequent rewriting of student compositions. Students communicate almost exclusively in the target language in the classroom. Course content follows The College Board's Advanced Placement curricula in a foreign language. Students enrolled in this course will be prepared and expected to take the AP test in May.



## Dual Enrollment (DE) Courses

A dual enrollment course is a class sponsored by a college or university, which is taken by a high school student for college credits. Upon completion, students receive credit from a sponsoring institution and can apply to transfer these credits to whatever college or university they attend. Tuition is minimal. Hasbrouck Heights currently has a relationship with the following colleges:

### **Dual Enrollment Partnerships:**

Bergen Community College: [Click here for more information.](#)

Fairleigh Dickinson University (Middle College): [Click here for more information.](#)

Seton Hall University (Project Acceleration): [Click here for more information.](#)

### **Projected Dual Enrollment Courses for 2023-2024:**

- Anatomy and Physiology
- Calculus
- Chemistry Honors
- Entrepreneurship
- Introduction to Accounting
- Modern US Honors
- Music Theory Honors
- English Language Arts 12 Honors
- Italian IV
- Spanish IV
- Statistics Honors

## Advanced Placement (AP) Courses

An Advanced Placement Course is a class sponsored by the College Board. It enables a high school student to earn college credit in accordance with the guidelines of each college. Students enrolled in an AP course will be expected to take the Advanced Placement test in May. The Board of Education will reimburse 100% of the cost for a test score of a '4' or '5' and reimburse 50% of the cost for a test score of '3'.

### **Projected AP Courses for 2023-2024:**

- AP Biology
- AP Calculus AB
- AP Chemistry
- AP Computer Science
- AP English Language and Composition
- AP English Literature and Composition
- AP Physics
- AP Italian
- AP Music Theory
- AP Psychology
- AP Statistics
- AP Spanish
- AP Studio Art

*If you have additional questions, please contact your school counselor.*

## **Project Forward**

Hasbrouck Heights High School, in partnership with Felician University, is proud to offer the Project Forward program to upperclassmen. Students can register for fall, spring, and/or summer classes. All college courses are in addition to, and not in place of, classes taken at Hasbrouck Heights High School.

### **Program Requirements:**

Hasbrouck Heights High School upperclassmen interested in Project Forward must:

- Maintain at least a 3.0 GPA at HHHS.
- Receive a B or higher in all college courses in order to register for additional courses.
  - *\*HHHS has the right to drop any student from any course upon receiving the previous semester's final grades.*
- Maintain an acceptable disciplinary record and must be cleared by HHHS's School Counseling Department.
- Not exceed or come close to the allotted number of late arrivals/absences as per the HHHS attendance policy.
- Make all payments to Felician University online or directly to the Bursar's office. A receipt must be given to the HHHS School Counseling Department to confirm payment upon course registration.

### **Program Enrollment**

There will be a maximum of 20 students enrolled in Project Forward (10 in Fall term and 10 in the Spring term). Students will have the option to take summer classes. Priority will be given to seniors first.

### **Courses**

Students may take up to 30 credits at Felician University. Students must choose from courses in the 100 and low 200 levels with no prerequisites. Students must choose their first, second, and third choices to ensure that every effort can be made to enroll them in the courses that fit their schedule. All Felician University courses can be found on the Felician University website.

*If you have additional questions, please contact your school counselor.*

## **Work-Based Learning Experience**

**Coordinators: Barbara Christianson and Mary Centrella**

The purpose of the Work-Based Learning (WBL) Experience is to prepare students for college and career, success in life, and work in an economy driven by information, knowledge, and innovation in alignment with 21st-century learning outcomes. This program is designed to assist students to find opportunities to prepare themselves for the changing world. Students will work with the WBL Coordinators to find meaningful work experiences that allow them to gain experience and a competitive edge in post-secondary planning and transition.

If you have questions regarding WBL and how to take advantage of this potential opportunity please email your school counselor to explore if this program is the right fit for you.

For more information regarding WBL, please check out the [NJDOE website](#).

## 2624.1 - High School AP/Honors Criteria

### 2023-24 QUALIFYING CRITERIA

#### Honors Criteria

Students must have a minimum semester 1 average of 85 in a current honors course OR a minimum semester 1 average of 92 in a current college preparatory course. In addition, students must have 1 of the 3 following criteria:

<b>Data Point</b>	<b>Required Score</b>
PSAT/SAT	Minimum scores of 450 or higher for grade 8 in Evidence-Based Reading & Writing (ERW) and/or Mathematics  Minimum scores 480 or higher for grades 9-11 in ERW and/or Mathematics  *Most recent test scores will be utilized
ACT	Minimum score of 43 in English and Reading (Combined).  Minimum score of 23 in Mathematics  *Most recent test scores will be utilized
NJSLA	Score of 4 or 5 in English Language Arts (ELA) and/or Mathematics  *Most recent test scores will be utilized

## Criteria for Honors Courses

**\* If a student does not obtain the required PSAT/SAT/ACT or NJSLA standardized test score(s), the following menu may be used:**

Students must have a **minimum of 2** of the following data points in addition to the required semester 1 average. However, placement in science courses require data points from both English Language Arts and Mathematics.

<b>Data Point</b>	<b>Required Score</b>
LinkIt Form B or C	Meeting or Exceeding in English Language Arts and/or Mathematics
Midterm Exam / Final Exam	90 or higher in Honors course 90 or higher in College Preparatory course
Teacher Recommendation	32 out of 40 possible points on the teacher recommendation form

Students who do not meet the initial semester 1 grade requirement(s) may still qualify if their semester 2 average meets the grade requirement(s), along with subsequent qualifying criteria.

Transfer Students - Placement in honors classes will be based on past academic records and required prerequisites that have been achieved. A test may be given for a student to qualify for an Honors class where transcripts do not match with our course progression/program.

World Languages - A minimum semester 1 average of 85 in a current honors prerequisite course OR a minimum semester 1 average of 92 in a current college preparatory prerequisite course as well as a 90 or higher on the course midterm and/or final exam. A student must be enrolled in 1 or more honors classes to qualify for a level 1 honors world language placement.

Studio Art Honors / Music Theory Honors- Students must successfully complete a subject specific elective and obtain a teacher recommendation.

## **AP Criteria**

Students **must have both**:

1: A minimum semester 1 average of 85 in a current honors prerequisite course OR a minimum semester 1 average of 92 in a current college preparatory prerequisite course.

2: A minimum score of 550 on the most current ERW and/or Mathematics PSAT/SAT sections OR ACT equivalent(s); minimum score of 43 in English and Reading (combined) and a minimum score of 23 in

mathematics; required section(s) depending on subject area. Exceptions: For Art, Computer Science, Music, and World Language, please see specific AP course description below.

All students who enroll in an AP course may take the corresponding AP test at the end of the course, or take a school administered final assessment. When taking the AP test, earning a score of 4 or 5 will result in a 100% reimbursement of the test fee. (A score of 3 will result in 50% reimbursement).

<b>Course</b>	<b>Prerequisite</b>	<b>Semester 1 Honors (H) / AP Grade</b>	<b>Semester 1 College Preparatory (CP) Grade</b>	<b>PSAT/SAT Evidence-Based Reading &amp; Writing (ERW) Score</b>	<b>PSAT/SAT Mathematics Score</b>
AP English Language & Composition	ELA 10 (H/CP)	85	92	550	n/a
AP English Literature & Composition	ELA 11 (H/CP) OR AP ELA & Composition	85	92	550	n/a
AP Calculus	Pre-Calculus (H/CP)	85	92	n/a	550
AP Statistics	Pre-Calculus (H/CP) OR Statistics (H/CP)	85	92	n/a	550
AP Biology	Chemistry (H/CP)	85	92	550	550
AP Chemistry	Chemistry (H/CP)	85	92	550	550
AP Physics	Physics (H/CP)	85	92	550	550
AP Computer Science	Java Programming	85	92	580	580
AP U.S. History	World History (H/CP)	85	92	550	n/a
AP Human Geography/AP Government and Politics/AP World History	Early U.S. History (H/CP)	85	92	550	n/a
AP Psychology	Psychology OR Particular Topics in Psychology	85	92	550	550

AP Italian	Italian 3 / 4 (H/CP)	85	92	n/a	n/a
AP Spanish	Spanish 3 / 4 (H/CP)	85	92	n/a	n/a
AP Music Theory	Subject specific elective	85	92	n/a	n/a
AP Studio Art	Subject specific elective	85	92	n/a	n/a
AP Macroeconomics/AP Microeconomics	Economics	85	92	550	550

\*AP Italian and AP Spanish require students to earn a 90 or higher on a level 3/4 honors midterm or final exam OR a 90 or higher on a level 3/4 college preparatory midterm or final exam, along with the corresponding semester grade.

\*AP Music Theory and AP Studio Art require a subject specific elective along with a teacher recommendation and corresponding semester grade.

Students who do not meet the initial semester 1 grade requirement(s) may still qualify if their semester 2 average meets the grade requirement(s), along with subsequent qualifying criteria.

Students who do not meet the required SAT score(s) may register on their own and provide an updated test score to their school counselor to amend their schedule prior to the start of the upcoming school year.