

Hackensack High School



Course Selection Guide

ENGLISH COURSES

Graduation Requirement: Four Years

College Prep English 1 5 Credits - Full Year Course

This course is taught as a genre survey course focusing on elements of the short story, world mythology, poetry, nonfiction, the novel, and a Shakespearean tragedy. It is designed to review and develop basic skills in spelling, vocabulary, grammar, reading, literary analysis, research techniques, use of technology, critical thinking, speaking, listening, and viewing. Students are introduced to variety of literary terms and figures of speech. Outside readings and a research project are required. Students will develop and utilize analytical skills through the integration of skills in reading, writing, usage, and vocabulary.

Pre AP English 1 5 Credits - Full Year Course

Prerequisite: Teacher Recommendation or Teacher Recommendation and Successful Completion of Summer Prep course

This course is designed to challenge the motivated student who is proficient in basic reading, writing and grammar skills. Students will be required to read, analyze and discuss a wide variety of literary works including the short story, world mythology, poetry, nonfiction, the novel, and a Shakespearean tragedy, and to write comprehensive essays relating to or stemming from analysis of those works. Numerous research papers and creative projects are required. Critical thinking will be demonstrated in written assignments, reading assignments and class discussions. Students will develop and utilize analytical skills through the integration of skills in reading, writing, usage, and vocabulary. Students will be expected to demonstrate an increased responsibility for their own learning and a strong work ethic.

College Prep English 2 5 Credits - Full Year Course

This course is designed to revisit and develop skills in writing, grammar, vocabulary, reading, literary analysis, research techniques, use of technology, critical thinking, speaking, listening, and viewing. American literature is the focus of study. Attention will be given to a variety of themes relating to the American experience as it reflects social and historic backgrounds of the literary periods. Outside readings and a research project are required. Students will develop and utilize analytical skills through the integration of skills in reading, writing, usage, and vocabulary.

Pre AP English 2 5 Credits - Full Year Course

Prerequisite: Teacher Recommendation or Teacher Recommendation and Successful Completion of Summer Prep course

This course is designed for the motivated student who has been recommended for a challenging English program. The course develops critical thinking skills in reading and writing, instructs students in the analysis of difficult works from American Literature, and demands that students approach literature and various nonfiction prose in an aggressive, intelligent fashion. A student who masters this course is urged to continue in the advanced programs in English. Students will develop and utilize analytical skills through the integration of skills in reading, writing, usage, and vocabulary. Students will be expected to demonstrate an increased responsibility for their own learning and a strong work ethic.

College Prep English 3 5 Credits - Full Year Course

This course is designed to provide students with a finer appreciation for the valuable legacy of cultural contributions of some of England's great writers. Instruction will focus on an in-depth study of its writers, their works, and the background of English history from which these writings arose. Students will also study a sampling of American literature, nonfiction, and a Shakespearean tragedy. Outside readings and a research project are required. Students will develop and utilize analytical skills through the integration of skills in reading, writing, usage, and vocabulary. This course will focus on refining and solidifying skills in writing, grammar, vocabulary, reading, literary analysis, research techniques, use of technology, critical thinking, speaking, listening, and viewing.

Pre AP English 3 5 Credits – Full Year Course

This course is designed for the motivated student who has been recommended for a challenging English program. The course further develops the critical thinking skills in reading and writing necessary for either the AP English Literature and Composition or the AP English Language and Composition course, instructing students in the analysis of difficult literary and nonfiction works, and demanding that students approach literature and nonfiction prose in an aggressive, intelligent fashion. A student who masters this course is urged to continue in either of the AP English courses. Students will develop and utilize analytical skills through the integration of skills in reading, writing, usage, and vocabulary. Students will be expected to demonstrate an increased responsibility for their own learning and a strong work ethic.

AP English 3 Literature and Composition (Grade 11) 5 Credits - Full Year Course

Prerequisite: Teacher Recommendation or Teacher Recommendation and Successful Completion of Summer Prep course

The AP English Literature and Composition course is designed to engage students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students will deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students will consider a work's structure, style, and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. Students in an AP English Literature and Composition read actively. The works taught in the course require careful and deliberate reading. The approach to analyzing and interpreting the readings involves students in learning how to make careful observations of textual detail, establishing connections among their observations of textual detail, establishing connections among their observations, and drawing from those connections a series of inferences leading to an interpretive conclusion about the work's meaning and value. In addition to considering a work's literary artistry, students should consider the social and historical values it reflects and embodies. Careful attention to both textual detail and historical context will provide a foundation for interpretation, coupled with a variety of critical perspectives brought to bear on the literary works studied. Students are strongly encouraged to take the Advanced Placement examination in English Literature and Composition.

College Prep English 4 5 Credits - Full Year Course

This course is designed to meet the needs of the college-bound senior. Emphasis is placed upon the application of skills in the five core content areas of reading, writing, speaking, listening, and viewing.

Students are expected to read, analyze, and interpret selections from world literature consisting of a variety of genres from ancient to modern times. Writing, reading, critical thinking, researching, analyzing, communicating, and using technology will be integrated with instruction designed to transition students into the next phase of their lives.

College Prep English 4/Film Study 5 Credits - Full Year Course

This course is designed to meet the needs of both the college-bound senior and student interested in film. Emphasis is placed upon the application of skills in the five core content areas of reading, writing, speaking, listening, and viewing. Students are expected to view, analyze, and interpret important historical film texts from a variety of genres, from classical Hollywood cinema to modern film. Students will also be introduced to elements of film style, as well as non-fiction and theoretical readings about film and related to the selected films. Writing, reading, critical thinking, researching, analyzing, communicating, and using technology will be integrated with instruction designed to transition students into the next phase of their lives. THIS COURSE WILL FULFILL ALL EXPECTATIONS FOR SENIOR ENGLISH. Due to the mature content of some of the films, a parental permission slip will be required of ALL students.

College Prep English 4/Mythology 5 Credits - Full Year Course

This senior English elective provides an introduction to the nature and function of myth. The specific literature studied will be exclusive of classical mythology and because of the breadth of subject matter will vary in content. This is a senior English class that consists of myths, hero-tales and legends that represent a society's basic cultural and moral values recorded in literary form. Students will read the basic mythologies of Greece, Rome, the Middle East, Northern Europe, the British Isles, the Far East and Pacific Islands, Africa, and the Americas. Students will analyze the stories and trace parallel elements to show that human beings are remarkably alike in their principal values and concerns. This course illustrates the influence of these myths on the art, literature and culture of the modern world. Students will also continue to develop their writing skills and their use of the writing process. THIS COURSE WILL FULFILL ALL EXPECTATIONS FOR SENIOR ENGLISH.

College Prep Journalism 5 Credits - Full Year Course - Middle College Class

This course focuses on honing very communication skill needed to excel in university-level academics including reading/information comprehension, researching, fact-checking, fact-evaluation, organization of material, prioritizing material, time management, lean writing skills, question formation, interviewing techniques, public speaking, presentation of material, quotation integration, proof-reading, editing, rewriting, and drive. No matter what major one intends to pursue in college, College Writing/Journalism offers solid preparation for meeting academic challenges, workload, and the professional adherence to deadlines. This course focuses on solidifying skills in the five core content areas of reading, writing, speaking, listening, and viewing. The student will work through a diverse variety of reading materials, as well as reporting, researching, writing, editing and publishing skills. S/he will interact with the world on an investigative basis, interviewing everyone from fellow students to the top professionals in the area. Class requirements also cover the world of professional journalism, so the student will read and discuss major journalistic works from the past, monitor and discuss current events as presented in various local newspapers (*The Daily News*, *The New York Times*, *The Bergen Record*), all while helping to produce Hackensack High School's own newspaper, *The Voice*, and writing for the local community newspapers *The Record* and *The County Seat*. Additionally, the student will be exposed to appropriate classic fiction, relate it to non-fiction current events (Gilgamesh to pop culture heroes, the biblical flood story to global warming, Hamlet to senior pressures/modern lyrics/teen current events, Dante's inferno to modern concepts of sin, Death of a Salesman to career expectations) materials and apply both usual English skills

and developing journalism skills to discuss/write about these important works (covered in more detail in proficiency 2). Students also will be exposed to real world reporting and writing experiences, work through the kind of decision-making challenges they will face in college and especially in the professional world, such as presenting ideas, defending positions, development of stories, learning how to cover assignments (from short reviews to full reports to research projects) properly, how to do solid research, how to schedule, then conduct effective interviews, formation of appropriate questions to fulfill the needs of each story, fact-check and proofread all information (skills that many college educators say incoming freshman are lacking), how to present their work properly for grading and editing, and to develop a sophisticated work ethic, by embracing the idea of doing numerous rewrites to get their work up to the level required for publication. From there, students must learn to evaluate story importance (setting priorities), participate in design and layout decisions, and then execute those decisions.

The idea is to provide students with a guided immersion course that forces them to break down reading, researching, and writing barriers, as well as develop public speaking confidence, and meet creative thinking challenges. The goal is to significantly improve student writing, confidence, organizational skills, time management habits, and professional presentation abilities. All of these skills can be easily, readily and advantageously applied to collegiate study.

College Prep Creative Writing 5 Credits - Full Year Course - Middle College Class

A hybrid of a traditional college preparatory literature class and a creative writing workshop, this is a core course offering that meets the requirements of senior English with an exciting, imaginative and creative twist. In this class, students will read, discuss and analyze major works of literature from a variety of time periods and cultures with special emphasis on the human condition and the prodigious power of written expression. Through close reading of fiction, poetry, drama, and creative nonfiction, as well as through discussions, workshops and writing exercises, students will study elements of craft, and will be expected to complete various creative writing assignments on a regular basis throughout the year. Students will also be expected to participate in both large and small-group writing workshops during which they must read and respond to others' writing and practice revision skills to facilitate the movement of their work from purely personal expression to polished pieces.

AP English 4—Language and Composition (Grade 12) 5 Credits - Full Year Course

Prerequisite: Teacher Recommendation or Teacher Recommendation and Successful Completion of Summer Prep course

An AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of periods, disciplines and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among writer's purpose, audience, expectations, and subjects as well as the way generic conventions and the resources of language contribute to the effectiveness in writing. The course allows students to write in a variety of forms—narrative, exploratory, expository, argumentative—and on a variety of subjects from personal experiences to public policies, from imaginative literature to popular culture, with emphasis being on analytical and argumentative.

The AP Language and Composition course assumes that students already understand and use standard English grammar. The intense concentration on language use in this course should enhance their ability to use grammatical conventions both appropriately and with sophistication as well as to develop stylistic maturity in their prose as well. This AP course depends on the development of interpretive skills as students learn to write and read with increasing complexity and sophistication. Students are strongly encouraged to take the Advanced Placement examination in English Language and Composition

English 2 Lab 5 Credits - Full Year Course

Prerequisite: Partially Proficient score on grade 9 end of year assessment

The purpose of this course is to remediate students in the reading and writing skills, which will be tested on the HSPA grade 11. Each student will work at his or her own level to develop the skills in reading comprehension and written expression expected on the grade 11 HSPA.

English 3 Lab 5 Credits - Full Year Course

Prerequisite: Partially Proficient score on grade 10 end of year assessment

The purpose of this course is to remediate students in reading comprehension, test-taking strategies, vocabulary, and writing skills necessary to pass the reading and/or writing sections of the HSPA.

College Readiness /ESL College Readiness 5 Credit - Full Year Course

Prerequisite: Partially Proficient score on HSPA, grade 11. This course does not meet the grade 12 English requirement.

The purpose of this course is to remediate grade 12 students in reading comprehension, vocabulary, critical thinking, and writing skills necessary to pass the reading and/or writing sections of the 11th grade HSPA. Students must be on schedule to meet graduation requirements except for the passing of the LA section of the HSPA. Students will complete the mandated SRA performance assessment tasks—working individually and at their own pace. This course also focuses on preparing and transitioning students into the next phase of their lives by reinforcing work in the five core content areas of reading, writing, speaking, listening, and viewing.

AP Art History (Grades 10-12) 5 Credit - Full Year Course

Prerequisite: Teacher Recommendation

AP Art History is a comprehensive course that covers the various art forms in the following proportions: 40-50% painting and drawing, 25% architecture, 25% sculpture, and 5-10% other media. The AP Art History Examination reflects these distributions. An understanding of the elements of art, fundamental art historical terminology, and technical processes used in the production of art will serve as the basis of this course. Art History increasingly emphasizes understanding works in context, understanding works in regards to the artist themselves, considering such issues as patronage, gender, and the functions and effects of works of art. In addition, an emphasis will also be on interpretation, analysis, and writing in terms of both emphases within the class. A focus of study will consist of the following: the ability to apply fundamental art and art historical terminology, an appreciation for the process of making and displaying art, an understanding of purpose and function of art, the ability to analyze works of art in context of historical evidence and interpretation, examining such issues as politics, religion, patronage, gender, and ethnicity, an understanding of cross-cultural and global nature of art, and the ability to perform higher order thinking skills and articulate visual and art historical concepts in verbal and written forms.

MATHEMATICS COURSES

Graduation Requirement: Algebra, Geometry, Algebra 2

College Prep Algebra 1 5 Credit - Full Year Course

Prerequisite:

- Required of all freshmen.

This course examines the basic structure of real numbers, algebraic expressions, and functions. The topics studied are linear equations, inequalities, functions and systems, quadratic equations and functions, polynomial expressions, and the elementary properties of functions. Mathematical modeling of real-life problems and problem solving are major themes of the course.

Bilingual Algebra 1 5 Credits - Full Year Course

Prerequisites:

- For incoming eighth graders, a mid-year and final grade of “C” or better at the end of eighth grade, in “on-level” or “above-level” Math course, or
- For incoming eighth graders, satisfactory recommendation for placement by the eighth grade Math teacher.

This course examines the basic structure of real numbers, algebraic expressions, and functions. The topics studied are linear equations, inequalities, functions and systems, quadratic equations and functions, polynomial expressions, and the elementary properties of functions. Mathematical modeling of real-life problems and problem solving are major themes of the course.

College Prep Geometry 5 Credits - Full Year Course

Prerequisite:

- Successful completion of Algebra 1.

This course includes an in-depth analysis of plane, solid, and coordinate geometry as they relate to both abstract mathematical concepts as well as real-world problem situations. Topics include logic and proof, parallel lines and polygons, perimeter and area analysis, volume and surface area analysis, similarity and congruence, trigonometry, and analytic geometry. Emphasis will be placed on developing critical thinking skills as they relate to logical reasoning and argument. Students will be required to use different technological tools and manipulatives to discover and explain much of the course content.

Honors Geometry 5 Credits - Full Year Course

Prerequisites:

- Successful completion of Algebra 1 with a B+ or better and recommendation of the Algebra 1 teacher

- Placement shall be contingent upon a final grade of “B+” or better in Algebra 1 at the end of the eighth grade.
- Departmental approval.

This accelerated course includes an in-depth analysis of plane, solid, and coordinate geometry as they relate to both abstract mathematical concepts, as well as real-world problem situations. Topics include logic and proof, parallel lines and polygons, perimeter and area analysis, volume and surface area analysis, similarity and congruence, trigonometry, and analytic geometry. Additional topics studied are transformational geometry, vector geometry (optional), and geometric probability. Emphasis will be placed on developing critical thinking skills as they relate to logical reasoning and argument. Students will be required to use different technological tools and manipulatives to discover and explain much of the course content.

Bilingual Geometry 5 Credits - Full Year Course

Prerequisites:

- Successful completion of Algebra 1 with a C or better, or
- Successful completion of Algebra 2 with a C or better, or
- Recommendation by teacher

This course includes an in-depth analysis of plane, solid, and coordinate geometry as they relate to both abstract mathematical concepts as well as real-world problem situations. Topics include logic and proof, parallel lines and polygons, perimeter and area analysis, volume and surface area analysis, similarity and congruence, trigonometry, and analytic geometry. Emphasis will be placed on developing critical thinking skills as they relate to logical reasoning and argument. Students will be required to use different technological tools and manipulatives to discover and explain much of the course content.

College Prep Algebra 2 5 Credits - Full Year Course

Prerequisite:

- Successful completion of Geometry.

This course expands on the topics of Algebra 1 and provides further development of math concepts including linear and quadratic equations, inequalities, relations, functions, radicals, imaginary and complex numbers, sequences and series. Emphasis is placed upon development of math skills through the study of exponential and logarithmic functions, and elements of trigonometry. Mathematical modeling of real-life problems and problem solving are major themes of the course.

Honors Algebra 2 5 Credits-Full Year Course

Prerequisites:

- Successful completion of Honors Geometry with a B or better, or
- Placement shall be contingent upon a final grade of B or better in Geometry at the end of the eighth grade, or
- Successful completion of Geometry with an A, or
- Recommendation of Geometry teacher and departmental approval.

This accelerated course expands on the topics of Algebra 1 and provides further development of math concepts, including linear and quadratic equations, inequalities, relations, functions, radicals, imaginary and complex numbers, sequences and series. Additional topics studied are matrices, determinants, and linear programming. Emphasis is placed upon development of math skills through the study of exponential and logarithmic functions, and elements of trigonometry. Mathematical modeling of real-life problems and problem solving are major themes of the course.

Advanced Pre Calculus 5 Credits - Full Year Course

Prerequisite:

- Successful completion of Algebra 2 with a grade of C or better

This course is offered for those who plan to study mathematics and related subjects in college. This course includes topics from trigonometry, analytic geometry, and analysis. Topics include: Trigonometric functions, graphs in Cartesian and polar coordinates, exponential and logarithmic functions.

Pre AP Pre Calculus 5 Credits - Full Year Course

Prerequisites:

- Successful completion of Honors Algebra 2 with a B or better, or
- Recommendation of the Algebra 2 teacher and departmental approval.

This advanced course is offered for those who plan to study mathematics and related subjects in college. This course includes topics from trigonometry, analytic geometry, and analysis. Topics include: Trigonometric functions and identities, graphs in Cartesian and polar coordinates, exponential and logarithmic functions.

Math Analysis (AP Calculus BC 1) 5 Credits - Full Year Course

Prerequisites:

- Successful completion of Pre AP Calculus with a grade of B or better, or
- Successful completion of Advanced Pre Calculus with a grade of A, or
- Recommendation of the Pre-Calculus teacher and Departmental approval

Math Analysis (AP Calculus BC 1) is the first course of a two-year study of AP Calculus BC. The course is intended to prepare the student to successfully pass the AP Calculus BC exam. Upon completion of the 2nd year of study, students will be expected to take the AP Calculus BC exam. The major topics of study in Math Analysis will be a review of Algebra 2 concepts, limits and continuity, differential calculus and its applications, and the definite integral. The curriculum emphasizes the use of technology as a tool to facilitate learning. Students will learn to solve problems in various ways, either by a numerical, analytical, or graphical approach. Therefore, students will use the graphing calculator to analyze and solve problems.

AP Calculus BC 2 5 Credits - Full Year Course

Prerequisites:

- Successful completion of Pre AP Calculus with a grade of B or better, or
- Successful completion of Advanced Pre Calculus with a grade of A, or
- Recommendation of the Pre-Calculus teacher and Departmental approval.
- Successful completion of Math Analysis (AP Calculus BC 1)

An AP course in calculus consists of a full high school academic year of work that is comparable to calculus courses in colleges and universities. The major topics of study include integral calculus with applications, sequences and series, Taylor Polynomials & series, calculus including parametric, polar, and vectors. It is expected that students who take an AP course in calculus will seek college credit, college placement, or both, from institutions of higher learning. The content of Calculus BC is designed to qualify the student for placement and credit in a course that is one course beyond that granted for Calculus AB.

AP Calculus AB 7 Credits - Full Year Course

Prerequisites:

- Successful completion of Pre AP Calculus with a grade of C or better, or
- Successful completion of Advanced Pre Calculus with a grade of C+, or
- Recommendation of the Pre Calculus teacher and Departmental approval.

The topics studied in AP Calculus AB are those traditionally offered in the first year of calculus in college, and designed for students who wish to obtain a semester of advanced placement in college. The topics studied include limits, continuity, derivatives, and integrals of algebraic and transcendental functions and their applications, and elementary differential equations.

AP Statistics 5 Credits - Full Year Course

Prerequisites:

- Successful completion of Algebra 2 with a grade of B or better, or
- Recommendation by the teacher

The Advanced Placement Program offers a course description and exam in statistics to secondary school students who wish to complete studies equivalent to a one semester, introductory, non-calculus based, college course in statistics. Students who successfully complete the course and exam may receive credit, advanced placement, or both for one-semester introductory college statistics course. The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data.

Introduction to Computer Science 5 Credits - Full Year Course

Prerequisite:

- Successful completion of Algebra 1 and departmental approval.

Students will be able to design, code, debug, and execute Java applications and applets. Topics of study include implementing algorithms, object-oriented paradigm, graphical user interfaces, and Java Foundation Classes.

AP Computer Science A 5 Credits - Full Year Course

Prerequisites:

- Successful completion of Honors Geometry with a grade of C or better, or
- Successful completion of Geometry with a grade of B+ or better,
- Introductory Computer Science recommended and departmental approval.

The focus of this advanced placement course is the development of computer programs to solve problems. This leads to other computer science topics including development and analysis of algorithms, development and use of data structures, and the study of standard algorithms and typical applications. In addition, an understanding of the basic hardware and software components of computer systems and the responsible use of these systems are integral parts of the course. Students will prepare to take the AP Computer Science exam.

Discrete Mathematics/Statistics 5 Credits - Full Year Course

Prerequisites:

- Successful completion of Algebra 2 with a grade of C or better, or
- Departmental approval

Discrete Mathematics is an advanced level mathematics elective offered to students who have successfully completed Algebra II or a higher level mathematics course. The course is separated into two semester-long parts: Discrete Math and Statistics. Throughout the course of the year, students will engage in many class projects including, but not limited to the concepts of Voting Methods, Fair Division, Circuits and Networking, Probability, and Binomial and Normal distributions.

Selected Topics in Mathematics 5 Credits- Full Year Course

Prerequisite:

- Successful completion of Algebra 2

Selected Topics in Mathematics is a new course offered to juniors and seniors who have successfully completed Algebra II. Approximately ten mathematical topics, one per month, will be covered in detail highlighting an interdisciplinary theme. Some of the topics include, but are not limited to, (a) Mathematics Art with Computers, (b) Social Justice, (c) History of Mathematics, (d) Matrices, (e) Linear Optimization, (f) Discrete Mathematics, (g) Symmetry and Fractals, (h) Conic Sections, and (i) Polar Coordinates. In addition to traditional forms of evaluation, emphasis will be placed on alternate forms of assessment such as student portfolios, journals, projects, and community outreach.

Algebra 1 Lab 5 Credits - Full Year Non-math Credit

Bilingual Algebra 1 Lab 5 Credits - Full Year Non-math Credit

Prerequisite:

- Required for Algebra 1 students who did not pass the mathematics section of the NJ ASK 8. All students must take a developmental math course concurrently.

This non-math credit course is designed for students needing additional preparation for the New Jersey High School Proficiency Assessment. The four clusters of the New Jersey Math Standards are reinforced through daily assignments. Problem solving situations and the development of the concepts and skills from Algebra 1 are also reinforced.

HSPA Math 2 5 Credits - Full Year Non-math Credit

Bilingual HSPA Math 2 5 Credits - Full Year Non-math Credit

Prerequisite:

- Required for sophomores who have not passed the mathematics section of the Practice HSPA/MAP Test. All the students must take a development math course concurrently.

This non-math credit course is designed for students needing additional preparation for the New Jersey High School Proficiency Assessment. The four clusters of the New Jersey Math Standards are reinforced through daily assignments.

HSPA Math 3 5 Credits - Full Year Non-math Credit

Prerequisite:

- Required for eleventh grade students who have not passed the mathematics section of the Practice HSPA/MAP Test. All the students must take a development math course concurrently.

This non-math credit course is designed for students needing additional preparation for the New Jersey High School Proficiency Assessment. The four clusters of the New Jersey Math Standards are reinforced through daily assignments.

SRA Math 5 credits Full Year Non-Math Credit

This full year course is required of twelfth graders who did not achieve proficiency on the mathematics section of the HSPA. The four clusters of the New Jersey Math Standards are addressed and assessed. Problem solving situations and the development of the concepts and skills from College Algebra are introduced and addressed.

Bilingual Mathematics 1 5 Credits - Full Year Course

Prerequisites:

- Mathematics for foreign-born students who have limited command of the English language. Initial screening is made by the guidance counselor with testing to follow by the Math department to determine the proper level of placement.
- Departmental approval.

Bilingual Mathematics 1 is a course for foreign-born students who have little knowledge of English but have a reasonable background in mathematics. The goal of this course is to help the student learn oral and written English well enough to enable the student to enter a regular mathematics course at an appropriate level for his/her mathematics ability and achieve success.

Bilingual Mathematics 2 5 credits-Full Year Course

Prerequisites:

- Mathematics for foreign-born students who have limited command of the English language. Initial screening is made by the guidance counselor with testing to follow by the Math department to determine the proper level of placement.
- Departmental approval.

Bilingual Math 2 is a course for foreign-born students who have limited knowledge of English, but have a reasonable background in mathematics. Bilingual Math 2 is a course designed to introduce students to important topics in Algebra and Geometry while strengthening the basic skills necessary for the successful completion of a full year course.

Bilingual Pre Algebra 5 Credits - Full Year Course**Prerequisites:**

- Mathematics for foreign-born students who have limited command of the English language. Initial screening is made by the guidance counselor with testing to follow by the Math department to determine the proper level of placement.
- Departmental approval.

Bilingual Pre Algebra is a course for foreign-born students who have limited knowledge of English but have a reasonable background in mathematics. Bilingual Pre Algebra is a course designed to introduce students to important topics in Algebra and Geometry while strengthening the basic skills necessary for the successful completion of a full year course in Algebra.

SCIENCE COURSES

Graduation Requirement: Biology, Chemistry, Physics

Advanced Biology (6 Credit Full Year Course) and **Biology Lab** (5 Credit - Full Year Course)

Advanced Biology and Biology/Lab are both college preparatory, laboratory-based courses grounded in the New Jersey Core Content Standards for Science (NJCCCS). Advanced Biology is offered as a 5 or a 6 credit course. The 5 credit Biology/Lab is a laboratory course that offers learning experiences, which are aligned with the Arts and Humanities and the Law, Business, and Computer Technology Academic Pathways of Hackensack High School. The Biology/Lab course also offers students well-conceived opportunities to investigate the natural world as it relates to the various non-scientific careers and the workplace. The 6 credit Advanced Biology is a laboratory course that offers learning experiences which are aligned with the Health Sciences and Human Services and Mathematics, Science and Engineering Academic Pathways of Hackensack High School. Biology/Lab and Advanced Biology courses both have the same learning objectives, Enduring understandings, essential questions, and assessments. Students will be encouraged to enroll and participate in Advanced Placement and Middle College courses.

Pre-AP Biology 7 Credits - Full Year Course

Pre-AP Biology is a 7 credit advanced college preparatory class designed to give the students a foundation to achieve success in AP, and College Biology. Students enrolled in Pre-AP Biology are expected to develop problem-solving skills through critical, caring, and creative thinking. Students are to active learners that will participate in activities and synthesize information that is presented. Students will develop skills that allow them to be effective at recording lecture notes, recording notes from readings, observing fine details as well as similarities and differences. All biological content are based on the NJ Core Curriculum Content Standards for 12th grade, and the National Science Standards. This course will present biology as the study of the way the organisms are interdependent, the way that they have evolved based on the form and function of their body systems and the way that their body systems are used to maintain homeostasis.

Chemistry/Lab 5 Credits - Full Year Course

Chemistry Lab is a 5 credit, conceptual college preparatory survey of chemistry. Chemistry is all around us but is often invisible. This course is designed to help students realize the real-world application of chemistry concepts and how, as a consumer, they interact with the world of chemistry on a daily basis. The emphasis of this curriculum is on making connections to chemistry in their bodies, in their homes, in their schools and in their communities. This curriculum incorporates Howard Gardner's theory of multiple intelligences as an approach to daily lessons by choosing activities, labs and projects that draw out different approaches to acquiring knowledge. Another fundamental educational practice that is used in this curriculum is cooperative learning as a means of cultivating a positive group dynamic that can be used as workplace readiness training. One of the goals of the curriculum is to integrate chemistry content into tasks that reflect real world problem solving techniques.

Advanced Chemistry 6 Credits - Full Year Course

Advanced Chemistry is an introductory college preparatory course designed to prepare the students for future study in sciences. Emphasis is placed on the principles in theoretical and descriptive chemistry with accompanying illustrative laboratory experiences. The course will offer a strong emphasis on the study of matter and its structure. This requires that students apply theoretical concepts to laboratory

observations for the acquisition of individual knowledge. Mathematical problems are solved systematically, placing the stress on a logical solution rather than a series of memorized formulas. Traditional topics including: principles of chemical reactions, atomic structure, acid-base chemistry, solutions, elements and compounds, kinetic theory, thermodynamics, and equilibrium are explored. All topics will be related to present-day technology and consumerism. Historical development of many topics will be included.

Pre-AP Chemistry 7 Credits - Full Year Course

Pre-AP Chemistry is a 7 credit advanced college preparatory designed to give the students a foundation to achieve success in AP, and College Chemistry. Emphasis is placed on the principles in theoretical and descriptive chemistry with accompanying in-depth laboratory experiences designed to prepare students for the necessary skills for AP Chemistry laboratory work. The course will offer a strong emphasis on the study of matter and its structure. This requires that students apply theoretical concepts to laboratory observations for the acquisition of individual knowledge. Mathematical problems are solved systematically, placing the stress on a logical solution rather than a series of memorized formulas. Traditional topics including: principles of chemical reactions, atomic structure, acid-base chemistry, solutions, elements and compounds, kinetic theory, thermodynamics, and equilibrium are explored. All topics will be related to present-day technology and consumerism. Historical development of many topics will be included.

Physics Lab 5 Credits – Full Year Course

Physics is the most basic of the sciences. It deals with the behavior and structure of matter. The field of physics is usually divided in to the areas of motions, fluids, heat, sound, light electricity and magnetism, and the modern topics of relativity, atomic structure, condensed-matter physics, nuclear physics, elementary particles, and astrophysics. This course involves the study of all of these areas conceptually, as well as the discovery and verification of the key concepts experimentally. A heavy emphasis will be made on physics as the study of motion, which occurs at both the macro and molecular (and atomic) level. All students graduating high school should have a solid understanding of scientific concepts and processes in order to make informed decisions that affect the world, their community, and themselves. The emphasis of this curriculum is therefore on the process of science.

Advanced Physics 6 Credits - Full Year Course

Advanced Physics is a 6 credit, algebra and geometry based college preparatory physics course. Advanced Physics is designed to prepare students for more advanced studies in science. Physics is the most basic of the sciences. It deals with the behavior and structure of matter.

The field of physics is usually divided in to the areas of motions, fluids, heat, sound, light electricity and magnetism, and the modern topics of relativity, atomic structure, condensed-matter physics, nuclear physics, elementary particles, and astrophysics.

This course involves the study of all of these areas conceptually, as well as the discovery and verification of the key concepts experimentally. A heavy emphasis will be made on problem solving in physics as the study of motion, which occurs at both the macro and molecular (and atomic) level.

Physics for the Health Sciences 5 Credits – Full Year Course

Physics for the Health Sciences is a 5 credit college preparatory physics course which is designed to prepare students for more advanced studies in the sciences, with a particular emphasis on the health related careers. In addition to the core areas of motion, fluids, heat, sound, light, electricity and

magnetism, Physics for the Health Sciences will specifically address how these core areas in physics are applied medical and health topics such as:

- Human motion and biomechanics
- Diagnostic imaging
 - Radiology
 - Ultrasound
 - Non-ionizing radiation
 - SPECT and PET scans
 - MRI
- Medical Treatments
 - Defibrillation
 - Focused Ultrasound
 - Photomedicine
- Physiological Measurement Techniques
 - EKG
 - EMG
 - EEG
 - Blood pressure

This course satisfies Hackensack High School's physics requirement and it is strongly recommended that the student should take Human Anatomy and Physiology as well.

Pre-AP Physics 7 Credits - Full Year Course

Pre-AP Chemistry is a 7 credit advanced college preparatory designed to give the students a foundation to achieve success in AP Physics B, AP Physics C and College Physics. Physics is the most basic of the sciences. It deals with the behavior and structure of matter. The field of physics is usually divided in to the areas of motions, fluids, heat, sound, light electricity and magnetism, and the modern topics of relativity, atomic structure, condensed-matter physics, nuclear physics, elementary particles, and astrophysics.

This course involves the study of all of these areas conceptually, as well as the discovery and verification of the key concepts experimentally. A heavy emphasis will be made on physics as the study of motion, which occurs at both the macro and molecular (and atomic) level.

This Pre-AP course specifically will deal with the most challenging physics problems, that often integrate a number of physics and algebra concepts. It will also uniquely offer an opportunity for students to design experiments to either verify or discover a scientific hypothesis, similar to the way the physicists were first challenged when faced with an as yet unexplained natural behavior or phenomenon.

AP Biology 7 Credits - Full Year Course

The AP Biology course is designed to be the equivalent of a two-semester introductory college biology course. AP Biology should include those topics regularly covered in a college biology course for majors. It is designed to be taken after successful completion after a first course in high school biology and another in high school chemistry. It aims to provide students with the conceptual framework, factual knowledge and analytical skills needed to deal with the rapidly changing science of biology.

AP Chemistry 7 Credits - Full Year Course

The AP Chemistry course is designed to be the equivalent of a two-semester introductory college chemistry course. AP Chemistry should include those topics regularly covered in a college chemistry course for majors. It is designed to be taken after successful completion of a first course in high school chemistry. It aims to provide students with the conceptual framework, factual knowledge and analytical skills needed to deal with the rapidly changing science of chemistry.

AP Physics B 6 Credits - Full Year Course

This AP Physics course is intended to be representative of a physics course commonly offered in colleges and universities. In AP Physics B, course topics include topics in both classical and modern physics. Knowledge of Algebra and basic trigonometry is required for the course; the basic ideas of calculus may be introduced in connection with physical concepts, such as acceleration and work. Understanding the basic principles involved and the ability to apply these principles in the solutions of problems is a primary goal of the course.

AP Physics C 7 Credits - Full Year Course

This AP Physics course is intended to be representative of a physics course commonly offered in colleges and universities. In AP Physics C, roughly one-half year is devoted to mechanics. Use of Calculus in problem solving and in derivations is expected to increase as the course progresses. In the second half-year of the C course, the primary emphasis is on classical electricity and magnetism. Calculus is used freely in formulating principles and in solving problems

AP Environmental Science 7 Credits - Full Year Course

This course is designed primarily for those students who are interested in Science, specifically one of the many Environmental Sciences, as a college major. In addition techniques in laboratory procedures will be stressed to perform independently and receive additional points. The goal of this course is to provide students with the scientific principles, concepts, and methodologies to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, and to evaluate the risks associated with these problems and examine alternative solutions for resolving and/or preventing them. The course is based on scientific principles and analyses from a variety of scientific fields and approaches, and includes a scientific laboratory and/or field investigation component. This field experience is mandatory for the understanding of the topics investigated in class and these may be undertaken after school hours and on weekends

Marine Biology 5 Credits - Full Year Course

This course is an honors level, middle college course in Oceanography and Marine Biology. This introductory course is designed to provide a survey of the major oceanographic and biological principles, terminology, as well as the integration of these principles so that the student may apply them in new situations. This course will also stress the importance of preserving our marine ecosystems by learning about the interconnectedness of all ecosystems and how changes to those systems can affect our personal lives as well as our ethical obligation to preserve the ocean for ours as well as future generations. These principles will be mastered by focusing on scientific concepts, and applying them to the oceanic environment. Students will also gain a valuable understanding of possible marine science career opportunities, through numerous field trips, hands on investigations and detailed research of various topics.

Human Anatomy and Physiology 5 Credits - Full Year Course

This course is an honors level, middle college course in human anatomy and physiology. The major goal of this course is to allow students to experience advanced biological techniques and methodology, while studying the human body systems and how they interact on a tissue and cellular level. In doing so, the student will examine the physiology of the human body as well as comparative study of vertebrate with emphasis on laboratory work, and dissection.

Philosophy of Science and Math 5 Credits - Full Year Course

The Philosophy of Science and Mathematics is an “elective” college preparatory course offered for 5 credit hours. This course will offer learning experiences, which are aligned with the Reading and Writing Initiatives introduced in the past year and the Academic Pathways at Hackensack High School. The first semester of the 5 credit course Junior/Senior Course offers students the well-conceived opportunities to achieve an enduring understanding of the main topics in Philosophy of Science and Mathematics from the Aristotelian and Newtonian world views to modern western philosophy. The second semester will provide students with the opportunity to improve their skills in Standardized Testing (SAT Prep) using established practices and philosophies. (Additional assistance with **career decisions** and college admissions will be provided as well.)

Academic Decathlon 5 Credits – Full Year Course

Pre – Requisites:

- Class only offered period 1
- Excellent work ethic/advanced academic background
- Ability to attend competitions held in first weeks of February and March

Academic decathlon is an extracurricular activity where schools compete nationwide in ten different subject areas that include: language and literature, social science, interview, speech, essay, art, music, science, math, and economics. The competitions have a theme each year which provides a focus for the subject content materials. (Some past examples are “The Renaissance”, “China”, and “The Civil War”) The subjects themselves are meant to prepare students for topics and issues they will likely be addressing in their academic future.

SCIENCE COURSES FOR ENGLISH LANGUAGE LEARNERS

English Language Learners require differentiated instruction and adaptation of curricular materials to address their specific language learning needs. Therefore, this curriculum will include scaffolding methods to support the attainment of content, language and science process objectives.

Language objectives will be included to improve upon the students' second language acquisition in reading, writing, speaking and listening through the use of science content, as required by the New Jersey State Language Proficiency Standards. Content objectives will be included to secure the students' achievement and comprehension as required by the NJCCS.

Biology for ELL 5 Credits - Full Year Course [follows the Biology Lab Curriculum]

Chemistry for ELL 5 Credits - Full Year Course [follows the Chemistry Lab Curriculum]

Physics for ELL 5 Credits - Full Year Course [follows the Physics Lab Curriculum]

English Language Learners require differentiated instruction and adaptation of curricular materials to address their specific language learning needs. Therefore, this curriculum will include scaffolding methods to support the attainment of content, language and science process objectives.

Language objectives will be included to improve upon the students' second language acquisition in reading, writing, speaking and listening through the use of science content, as required by the New Jersey State Language Proficiency Standards. Content objectives will be included to secure the students' achievement and comprehension as required by the NJCCS.

SOCIAL STUDIES COURSES

Graduation Requirement: US History 1, US History 2, World History

College Prep United States History 1 5 Credits - Full Year - Required

Prerequisite: N/A

This is a course for college bound students, surveying the development of the United States from its foundation in colonial times to the period of Reconstruction. The foundation and establishment of democratic society and government is stressed, and consideration is given to the social, political, geographical and economic problems faced by this nation in its growth and world relationships.

Pre AP United States History 1 5 Credits – Full Year Course

Prerequisite: Teacher Recommendation

This course is designed for the motivated student who has been recommended for a challenging social studies program. It is a review of United States history from the age of colonization to the period of reconstruction. The content is guided by central historical events, figures and themes. Teaching methods are guided by historical skills such as analysis of documents, synthesis of perspectives and composition of ideas guided by overarching questions. Student work is the center of class activities, and heavy emphasis is placed on reading and writing. Students will be expected to demonstrate an increased responsibility for their own learning and a strong work ethic.

College Prep United States History 2 5 Credits - Full Year Course - Required

Prerequisite: US History 1

This course meets the requirements for college bound sophomores. It starts with Reconstruction and continues into the contemporary world. This is accomplished by an examination of the cultural, political, social, economic, geographical, and intellectual movements in American history in the 19th and 20th centuries.

Pre AP United States History 2 5 Credits – Full Year Course

Prerequisite: Teacher recommendation

This course is designed for the motivated student who has been recommended for a challenging social studies program. It is a review of United States history from the period of reconstruction to contemporary society. The content is guided by central historical events, figures and themes. Teaching methods are guided by historical skills such as analysis of documents, synthesis of perspectives and composition of ideas guided by overarching questions. Student work is the center of class activities, and heavy emphasis is placed on reading and writing. Students will be expected to demonstrate an increased responsibility for their own learning and a strong work ethic.

AP United States History 5 Credits - Full Year Course

Prerequisite: Teacher Recommendation

Advanced Placement United States History is a review of United States history from the age of colonization to the present. The content is guided by central historical events, figures and themes. Teaching methods are guided by historical skills such as analysis of documents, synthesis of perspectives and composition of ideas guided by overarching questions. Student work is the center of class activities, and heavy emphasis is placed on reading and writing.

The aims and goals of our Advanced Placement United States History Program are: to expose students to college-level experiences and earn college credit; to help students develop critical literacy skills and higher order thinking through analytical reading and writing; to enrich content knowledge of United States History from the age of exploration through present day events for students; to emphasize the use and analysis of primary sources; to help students develop a strong work ethic through academic rigor; to build students' confidence in their academic abilities and to help students perform successfully on the AP test.

College Prep World History 5 Credits - Full Year Course

Prerequisite: United States History 2

This course will enable the student to view the world as a series of emerging interdependent systems through the methodologies of the social science disciplines. These systems include geographical, ecological, cultural, social, economic, and political events and influences. Students will be able to create, interpret, utilize, and synthesize information from various representations of the earth in order to analyze, explain and answer a variety of regional, national and global geographical questions. They will be able to trace the evolution of the world from the ancient world, through the Middle Ages and the transformation into the modern age in each of the major world areas. Students will also be able to demonstrate an understanding of the problems in the major regions of the world today and what historical events led to these problems.

AP World History 5 Credits - Full Year Course

Prerequisite: Teacher Recommendation

This course examines world history from prehistoric to modern times. In accordance with College Board guidelines, 30% of the course is devoted to European cultures and 70% of the course is devoted to non-European civilizations such as Africa, Asia, and the Americas. The course focuses on the characteristics of a civilization: geographical factors, politics, conquest/defense, economics, social structure, technology, religion, literature, and art. Students read both primary and secondary source documents. Students receive plenty of writing practice to prepare them for the three types of essay questions on the AP exam: the data based question, the comparative civilization question, and the continuity and change over time question.

AP United States Government & Politics 5 Credits – Full Year Course

Prerequisites: Teacher recommendation

This course provides an intensive study of the American governmental structures and all of the political practices and theories that form the everyday application of civil liberties, public policies, and constitutional interpretation. It will prepare students to understand and think critically about the strengths and weaknesses of the American political system and the typical patterns of political processes and behavior and their consequences, as well as allow them to analyze and interpret basic data relevant to American government and politics. This program will prepare students to take the AP Examination for U.S government and politics.

AP Human Geography 5 Credits - Full Year Course

Prerequisite: Teacher Recommendation

This course is structured by the most recent statements on the structure of Human Geography as written by the College Board. There will be seven units of study throughout the year, at the beginning of which you will be fully debriefed on lecture topics or activities for each day, the reading assignments, the quiz dates, and other information about the course.

The objectives of this course will be the following:

- Students will be able to understand the concepts of cultural migration across the demographic spectrum.
- Students will be proficient in the understanding of the concept of the “cityscape” model—that is to say, how cities impacted immigration and population trends.
- Students will have a full and complete understanding of a collegiate style course in both demographics and international relations.
- Students will understand the impact that international relations has had on the general human population throughout the world from the dawn of early civilization to the present post-September 11th World.

African American History 5 Credits – Full Year Course

Prerequisite: N/A

African American Studies is a Middle College Course for seniors in which students are introduced to a myriad of facts, situations, and people, which have impacted the American fabric although many history texts give them little attention. The New Jersey African-American History Curriculum Guide is the foundation of this course, which is organized into 15 units. It was born out of the efforts of the Amistad Commission to create a more balanced curriculum for the students of New Jersey. Each unit represents one chronological period of the African antecedents of this experience up to the present.

Black Studies 5 Credits - Full Year Course

Prerequisite: N/A

Black Studies is an elective course that will survey the experiences of children of the African Diaspora both past and present. In looking at the Diaspora, it includes Africa, North and South America, the

Caribbean and any other parts of the world to which Africans have been dispersed through the slave trade. We will study the history and see how it has impacted people worldwide. The course will be divided into four distinct areas, one of which will be covered each marking period. The areas that are to be covered are history, literature, film, music and art, and politics/government.

Contemporary Studies 5 Credits - Full Year Course

Prerequisite: N/A

Contemporary Studies is a course of study built upon controversial social issues in today's society such as democracy, media, gender, race and terror. The purpose of this course is to not only present a body of knowledge but to teach students that the present is connected to the past. Therefore, students learn to analyze and synthesize historical information to form and support their opinions on current social issues and injustices. Students will learn to discuss these issues intelligently with their peers, to listen and adjust their opinions as they accommodate their ideas for new information. A prominent goal of this course is for students to learn more about themselves, to articulate their opinions and develop their own moral code. As a result of this course students will become active citizens in their schools, towns, nation and their global community.

Psychology 5 Credits - Full Year Course

Prerequisite: N/A

Introduction to Psychology is offered to 11th and 12th grade students. It has been designed to cover all the topics that have been traditionally considered essential to a broad basic understanding of psychology. This course will enable students to explain and better understand elements of the human experience such as: emotional and intellectual development, perception, problem solving motivation, frustration and conflict, and the basis for disparate personality types and the diverse forms of social behavior.

AP Psychology 5 Credits - Full Year Course

Prerequisite: Teacher Recommendation

The AP Psychology course was created to introduce students to the methodical and scientific study of the behavior and mental processes of human beings. Students will learn psychological facts, principles, and phenomena connected to the major subfields within psychology. The major content areas covered in the class will include: the history of psychology and its approaches, research methodology, biological bases of behavior, states on consciousness, cognition, developmental psychology, personality theories, abnormal psychology, treatment of psychological disorders and social psychology. The goal of the course is to give students a learning experience that would be equal to that of a college level introductory psychology course. Upon completion of the course, students will have covered the major topics that will appear on the AP psychology exam.

Sociology 5 Credits - Full Year Course

Prerequisite: N/A

This course is open to juniors and seniors. The course examines human interactions within the context of their social settings. It examines external forces such as social institutions and cultural factors that influence the development of human behavior in formal and informal group dynamics. Topics covered

include culture, value, norms, deviance, social groups, and social problems. Students will demonstrate knowledge of the structure and function of the various social institutions such as: the family, education, religion, economy and government. They will demonstrate an understanding of the role of personality in human behavior, and the influence of heredity and environments on its development. Students will demonstrate an awareness of the part that culture plays in human behavior, and the ways in which cultures differ and change, or resist change. They will also indicate that he has learned the values of society, and the folkways, mores, and laws, which flow from these values.

Careers in Education 5 Credits - Full Year Course

Prerequisite: N/A

Careers in Education will begin to cultivate and groom the districts' future teachers from within the ranks of Hackensack High School students, themselves. This course will heighten awareness about careers in education and begin the process of recruiting and training future teachers. Students will gain a realistic understanding of the nature of education and the role of the teacher. In addition to exposing students to careers in education one of the expressed goals of the district is to increase the number of qualified teacher candidates from diverse ethnic, racial, social and economic backgrounds. One component of the course will also afford students the opportunity to work within a school to gain hands on experience in the field of education.

BUSINESS COURSES

Graduation Requirement: One Year

Personal Finance/Technology Literacy 5 Credits - Full Year Course

Prerequisite: Grade 9 Students Only

GRADUATION REQUIREMENT—Students who do not successfully pass this course will need to take and pass another Business Education course to satisfy this graduation requirement.

This course presents essential knowledge and skills to make informed decisions about real world financial issues. Students will learn how choices influence occupational options and future earning potential. Students will also learn to apply decision-making skills to evaluate career choices and set personal goals. The course content is designed to help the learner make wise spending, saving, and credit decisions and to make effective use of income to achieve personal financial success. Understanding and managing personal finances are key to one's future financial success!

This course is designed to teach students how to develop and achieve their personal goals in education in order to work and contribute to their communities. Student learning will include assessing his or her own knowledge, skills, characteristics, and interests. Students will be exposed to technology literacy through comprehensive usage of the Microsoft Office Suite, Quicken, COIN Software, Simulation Software, and the Internet. This course explores postsecondary learning options and helps students build the capabilities needed for managing work and life transitions.

Yearbook Production 5 Credits - Full Year Course

Prerequisite: Senior Standing & Interview with Course Instructor

Students will prepare two yearbooks, a traditional printed yearbook and an electronic (website) yearbook. This is a hands-on, activity-based course, which focuses on the development of skills leading to specific finished products. Students will learn the fundamentals of photographic composition. They will learn how to use publishing and photo editing software. They will have an opportunity to improve their writing skills.

Cisco Training 5 Credits - Full Year Course

Prerequisite: N/A

Cisco Systems Networking is a full year course designed to provide students with knowledge of networking. The course is offered in conjunction with Cisco Systems. It includes an introduction to computer networking and is the first half of a two year program designed to enable the student to pass the Cisco Systems Networking Associate Exam. The student will gain an understanding of how networks function and will experience hands on construction of a computer network.

Cisco Systems Networking II 5 Credits - Full Year Course

Prerequisite: Successful completion of Cisco Training

Cisco Systems Networking is a full year course designed to provide students with knowledge of networking. The course is offered in conjunction with Cisco Systems. It is the second half of a two year program designed to enable the student to pass the Cisco Systems Networking Associate Exam. The student will gain an understanding of how networks function and will experience hands on construction of a computer network. In this year students will receive more hands on instruction and will work in developing networks.

College Prep Accounting 1 5 Credits - Full Year Course

Prerequisite: N/A

The theoretical foundation and basic accounting terminology are addressed. Students learn the systematic approach necessary to keep accurate financial records, analyze business transactions and prepare the basic financial statements. The balance sheet, income statement, statement of stockholder's equity and the statement of cash flows are presented and discussed in accordance with Generally Accepted Accounting Principles (GAAP). Income tax preparation and financial planning are also taught, along with an introduction to Automated Accounting using accounting software. This is a hands' on learning process and students must be prepared to work with professional accounting documents on a daily basis.

College Prep Accounting 2 5 Credits - Full Year Course

Prerequisite: Successful completion of CP Accounting 1

The purpose of this course is to expand the student's understanding of and ability in accounting based on what was achieved in CP Accounting 1. This involves a study of special journals, departmentalized accounting, accounting for plant assets, depreciation, inventory, corporation accounting, management accounting, cost accounting and partnership accounting and financial statements for a merchandising business. The course is designed toward the knowledge and skills needed by students preparing for an accounting career after high school.

Computer Technology for the College Bound 5 Credits - Full Year Course

Prerequisite: N/A

This computer-based course will focus on developments in software packages. The students will use a variety of business applications. The students will develop knowledge of software applications, windows management, word processing, spreadsheets, graphics, presentation programs, and Internet use. Business uses will be explored as each application is presented. The students will demonstrate how the different applications will apply to the courses they are currently taking or plan to take in the future at Hackensack High School.

Web Design for Business 5 Credits - Full Year Course

Prerequisite: N/A

Students will further explore principles and methods of digital design and website development, from creation of a website through production of the website from a business prospective. Concepts of design,

layout, website programming, photo manipulation, and animation will be studied more in depth. In this course, students will further enhance their computer technology and website development skills by creating projects with software utilized by design professionals, including Dream weaver, Fireworks, Photoshop, and Flash.

Web Design 2 5 Credits - Full Year Course

Prerequisite: Successful completion of Web Design

Students will further explore principles and methods of digital design and website development, from creation of a website through production of the website from a business perspective. Concepts of design, layout, website programming, photo manipulation, and animation will be studied more in depth. In this course, student will further enhance their computer technology and website development skills by creating projects with software utilized by design professionals, including Dream weaver, Fireworks, Photoshop, and Flash.

Law 1 5 Credits - Full Year Course

Prerequisite: N/A

This is an elective subject for students in any curriculum. Emphasis is on our American laws and legal system. This course provides both traditional and multimedia instruction. Teaching methods will include technology applications, lecture, cooperative learning tasks and debates. Guest speakers will be invited to speak to students to discuss current topics relevant to the American legal system. Students will explore ethics, the court system, constitutional rights, criminal laws, personal injury laws, and contract law. There is a field trip to a trial court, and students participate in a mock trial.

Law 2/Criminal Justice 5 Credits - Full Year Course

Prerequisite: N/A

This is an elective subject for students in any curriculum. Emphasis is on the American Criminal Justice System. This course provides both traditional and multimedia instruction. Teaching methods will include technology applications, lecture, cooperative learning tasks, and researching high profile crimes. Guest speakers will be invited to speak to students to discuss current topics relevant to criminal justice. Students will explore terrorism, social and biological explanations for criminal behavior, the most common crimes prosecuted in American courts, defenses to crimes, and the United States prison system. There is a field trip to a criminal court, and students participate in a mock trial.

Pre-AP Economics 5 Credits – Full Year Course

Prerequisite: N/A

This is an introductory course for AP Microeconomics and AP Macroeconomics. This course has been designed to provide students with college-level knowledge and applications in the area of economics. This course will give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. Course begins with a fundamental study of the basic economic concepts, continues by placing primary emphasis on the nature and functions of product markets, and includes the study of factor markets and of the role of governments in promoting greater efficiency and equity in the economy.

Students should have a strong foundation in mathematical concepts, be able to express ideas and concepts, and work in both individual and cooperative settings.

AP Microeconomics 5 Credits - Full Year Course

Prerequisite: N/A

This course introduces economic theory concerning the pricing of goods and services and the factors of production—land, labor, and capital. The concepts and theories of competition, monopoly, and other industrial structures are studied in detail. Students will study how in any economy, individuals and societies allocate limited resources to try to satisfy unlimited wants resulting in the need to make choices.

AP Macroeconomics 5 Credits - Full Year Course

Prerequisite: N/A

AP Macroeconomics' purpose is to give students a thorough understanding of the principles of economics that apply to an economics system as a whole. The course places particular emphasis on the study of national income and price-level determination, and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth and international economics. International Exchange rates will also be explored in depth.

PHYSICAL EDUCATION COURSES

Graduation Requirement: Four Years PE, Health 1, 3, 4, Drivers Education/3.75 credits per year

Health Education 1 1.25 credits - 10 weeks Mandatory for Grade 9

Prerequisite: N/A

This course addresses the following topics: Personal Health Care, including dieting nutrition, fitness, Mental Health, Respiratory and Circulatory Emergencies.

Driver Education Theory 1.25 Credits - 10 Weeks Mandatory for Grade 10

Prerequisite: N/A

This course will prepare youngsters to develop proper attitudes and safe driving skills. During the course the following areas are discussed: (1) traffic rules and regulations, (2) basic automotive principals, and (3) an appreciation of one's personal responsibility for accident prevention and the broader responsibility each of us has for furthering the safety of the community.

Health Education 3 1.25 Credits -10 Weeks Mandatory for Grade 11

Prerequisite: Health Education 1

This course addresses the following topics: Consumer Health, Environment-Disease and Health, Aging, Dying and Death, Human Sexuality/Mental Health.

Health Education 4 1.25 Credits -10 week course Mandatory for Grade 12

Prerequisite: Health Education 3

This course is designed to present an in-depth study of current health issues. Students are given an individual choice of topics. The student will discuss and demonstrate knowledge through written tests of some of the current critical health issues such as rape, drugs, suicide, childbirth, abortion, and child abuse. The student will select and research in depth, a current critical health issue and make an oral presentation consistent with teacher expectation.

Physical Education 1 3.75 Credits - Mandatory for Grade 9

Prerequisite: N/A

This course includes a daily program in calisthenics and warm-up exercises. Students are introduced to basic skills in and participation in team sports, including soccer, field hockey, volleyball, basketball, wrestling, and lacrosse. They are also introduced to basic skills and participation in individual and dual sports including, cross-country, weight training, archery, dance (folk and square) and track and field. Emphasis is on exposure to many activities and skill development. All students will participate in the AAHPER Physical Fitness Testing Program.

Physical Education 2 3.75 Credits - Mandatory for Grade 10

Prerequisite: Physical Education 1

This course includes a daily program in calisthenics and warm-up exercises. Students are introduced to basic skills in and participation in team sports, including soccer, field hockey, volleyball, basketball, wrestling, and lacrosse. They are also introduced to basic skills and participation in individual and dual sports including, cross-country, weight training, archery, dance (folk and square) and track and field. Emphasis is on exposure to many activities and skill development. All students will participate in the AAHPER Physical Fitness Testing Program.

Physical Education 3 3.75 Credits - Mandatory for Grade 11

Prerequisite: Physical Education 2

The most unique quality of the elective program is inclusion of student choice in determining their own program. The major emphasis is encouragement in participation of lifetime activities, including: Aerobics, Archery, Badminton, Frisbee, Golf, Outdoor Education, Racquetball, Slimnastics, Tennis, Weights and Conditioning and Skiing. Team sports include: Basketball, Floor Hockey, Football, Softball, Soccer, Team Handball, and Volleyball on an advanced level. American Red Cross Life Saving is offered to qualified students.

Physical Education 4 3.75 Credits - Mandatory for Grade 12

Prerequisite: Physical Education 3

The most unique quality of the elective program is inclusion of student choice in determining their own program. The major emphasis is encouragement in participation of lifetime activities, including: aerobics, archery, badminton, Frisbee, golf, outdoor education, racquetball, Slimnastics, tennis, weights and conditioning and skiing. Team sports include: basketball, floor hockey, football, softball, soccer, team handball, and volleyball on an advanced level. American Red Cross Life Saving is offered to qualified students.

Study of Health and Fitness 5 Credits - Full Year Course

Designed for freshmen/juniors/seniors. This course is a combination of theory and physical activity. Students will explore nutrition, cardiovascular function, weight management, strength, stress management, exercise and other related health concepts in order to maximize their personal health and fitness potential. To be scheduled in place of Physical Education and Health.

TECHNOLOGY COURSES

Building Trades 1 5 Credits - Full Year Course

Prerequisite: N/A

This course is designed to enable students to become acquainted with and experience the basic fundamentals of carpentry and cabinetmaking. Concentrated study will be made in the fundamental use of hand tools, portable power tools and stationary power machines. The student will make a project, selected by the instructor, which will assure the utilization of all skills taught.

Building Trades 2 5 Credits - Full Year Course

Prerequisite: Building Trades 1

This course will concentrate on the more advanced skills and demanding aspects of finishing carpentry and cabinetmaking. Units of work will include planning, reading drawings, assembling and finishing.

Building Trades 3 and 4 5 Credits Each - Full Year Courses

Prerequisite: Building Trades 2

These classes will be designed for the advanced cabinetmaker or finishing carpenter. The course will enable students to work from an advanced furniture drawing, or one that is designed by the student. Units of work will include veneering, designing, laminating and finishing.

CAD Mechanical Drawing 1 5 Credits - Full Year Course

Prerequisite: N/A

Mechanical Drawing 1 includes the basic skills and fundamentals of drafting. In this course the student will develop the ability to do free hand lettering and sketching, measuring accurately, dimension drawings, and develop and layout various types of drawings. These drawings include working drawings, isometric drawings, section drawings, and auxiliary views.

CAD Mechanical Drawing 2 5 Credits - Full Year Course

Prerequisite: CAD Mechanical Drawing 1

In this course the student does more advanced work in drafting. The areas covered will include sheet metal, revolution, thread representation, detail and assembly and machine drawing. In machine drawing the student will learn the use of the decimal scale precision instruments.

CAD Mechanical Drawing 3 5 Credits – Full Year Course

Prerequisite: CAD Mechanical Drawing 2

Engineering Design

This will emphasize the application of the design method to invent solutions to real world technological problems. Students will identify problems, internet research, design and fabricate models or prototype solutions. Problem solving and design skills are taught through a variety of problem solving activities. Hands on themes for this level include but are not limited to, structural, fluid powered and robotic systems.

Architectural Design

Students will use the architectural drawings developed in CAD 2 to add detailed drawings of the plumbing, electrical and cross-section elevations. They will then construct a scale model of their house. The scale model will include all interior features found in a house. Special attention will be given to the construction of stairs and fireplaces. The exterior model of the house will show windows, siding, roofing materials, porches and chimneys.

Power Mechanics 1 5 Credits - Full Year Course

Prerequisite: Grade 11/12 only

This course includes a brief study of the prime sources of power. The student will learn about basic mechanics, principles and theories of operation, and preventative maintenance. Most class time is centered around the automobile combined with a study of basic electronics.

Power Mechanics 2 5 Credits - Full Year Course

Prerequisite: Power Mechanics 1

Power mechanics 2 includes a more advanced study of the automobile. The class will learn how to use extensive testing equipment and relate it to basic tune-up and troubleshooting. Work will also involve brake systems, emission controls, and testing on modern automobiles.

Metal/Welding Shop 1 5 Credits - Full Year Course

Prerequisite: N/A

In this introductory course, knowledge of metals, metalworking machine tools, and the performance of basic operations are taught. The student learns simple foundry work, forging and welding. Shop and machine safety are stressed. Welding is the most common way to permanently join metal parts. In this process, heat is applied to metal pieces, melting and fusing them to form a permanent bond. Welding is used in shipbuilding, automobile manufacturing and repair, aerospace applications, and thousands of other manufacturing activities. This program will provide students with an understanding of all welding skills utilized in all major phases of welding which include: Arc, TIG, MIG, and oxy-acetylene welding. Destructive testing will be used to determine quality of fusion and pre and post testing of GTAW for Metal 2 & 3 students will be incorporated in the design of the class.

Metal/Welding Shop 2 5 Credits - Full Year Course

Prerequisite: Metal/Welding Shop 1

Fundamental training acquired in Metal Shop 1 is further developed. Precision measured instruments, heat-treating, ARC-T.I.G and gas welding are introduced. A wide range of project work is available to the student so that he/she may develop good working techniques with the machine and tools available in the shop.

Metal/Welding Shop 3 5 Credits - Full Year Course

Prerequisite: Metal/Welding Shop 1 and 2

Students in this class are expected to use the shop equipment in the planning and production projects. Welding techniques are developed to resist destructive testing.

Residential Construction 5 Credits – Full Year Course

Prerequisite: N/A

This course allows any male or female to learn all the necessary skills to build and maintain a residential home. Learn what it takes to build a house from the foundation up to the roof. Read blueprints that are drawn up by an architect. Throughout the building process you will learn how to install a complete electrical and plumbing system, similar to the one that exists in your home.

Hands-on techniques are taught by building small backyard storage sheds that will include complete electrical and plumbing systems. You will also learn how to use hand and power tools that are associated with this type of construction.

FINE ART COURSES

Graduation Requirement: One Year

Art 1 5 Credits - Full Year Course

Prerequisite: N/A

Art 1 is basically an exploratory course with wide media exposure. Techniques in the use of pencil, pen and ink, charcoal, pastels, crayons, tempera water-colors, enamels and acrylics are covered. Emphasis is on hand lettering, color theory perspective, figure drawing, portraits and design. Art appreciation is introduced through films, slides, lecture and television programs.

Art 2 5 Credits - Full Year Course

Prerequisite: Art 1 and Approval of Art Department

Enrollment consists of both, progressionally oriented students, and those who are interested in Art as a part of their cultural background. Advanced projects to improve techniques in multi-varied media are offered in ceramics, firing and stacking of kiln, sculpture, graphics, commercial art, paintings, art appreciation, and presentations introducing modern art. Individual research and reports are required.

Pre AP Art 5 Credits – Full Year Course

Prerequisites:

- A minimum of one high school level art class
- An informal interview
- Must be a junior or a senior
- Summer Assignment

The journey continues for those students who are beginning to realize that art is becoming an integral part of their lives. These students should demonstrate a strong ability and desire to work towards developing a creative portfolio which reflects their won personal style of communication. Students develop an understanding what art-making is --- an ongoing process which involves critical thinking and creative problem solving.

AP Studio Art 10 Credits – Full Year Course - Double Period

Prerequisite: Art 2 and approval of Art Department Staff

Students who are candidates for art school or college, or students who plan to work in the arts after high school graduation, are accepted in the course. A portfolio is required for presentation to art school or future employers. Selections from all art forms are related to student interests and needs. Personal exploration of materials, tools and processes of art are expected in order to achieve depth in the particular area of study. School and community projects are assigned to each art major with the intention of developing professional experience through posters, diploma lettering, stage scenery, decorations, illustrations and bulletin board displays. Audio-visual material and department art exhibitions supplement

visits to art galleries, museums and exhibits. An individual presentation, of an art appreciation subject of the student's own choice, is required once a semester.

Pre AP Music Theory 5 Credits – Full Year Course

This course is designed for the student interested in pursuing a career in the field of music. Previous experience playing an instrument or singing in a choir is recommended but not necessary. The course will cover: note recognition, triads, seventh chords, melodic and harmonic intervals, scales, four-part writing, composition, ear training, and sight singing. Weekly quizzes and chapter tests will be given to assess student achievement. An original composition will be assigned as a final project at the end of the year.

AP Music Theory 5 Credits – Full Year Course

Prerequisite: Pre AP Music Theory

This course is designed for the student interested in pursuing a career in the field of music. The course will pick up where Pre AP left off and will cover: secondary dominants, non-chord tones, arranging, analysis, ear training, and sight singing. The course is regulated by the College Board and students must meet all of the criteria. Students will take the College Board AP Music Theory exam in May and will compose a song with extracted parts as a final project to be recorded.

Band 5 Credits - Full Year Course

Band is a course open to all students in the 9th, 10th, 11th, and 12th grades. Some proficiency on a stringed, wind, percussion instrument or piano is a prerequisite. Exceptions may be made at the discretion of the instructor.

Participation consists of five 40-minute classes per week. In addition, each student will have one period of sectional rehearsal each week on a rotating basis. The sectional lesson may be waived in case of an examination or special class session.

Mixed Chorus 5 Credits - Full Year Course

This course covers methods and procedures for the attainment of superior choral singing, posture breathing, resonance, distinct and natural pronunciation, phrasing, style and interpretation. Fundamental vocal training is available to all without audition.

Drama/Musical Theatre 1/2 5 Credits – Full Year Course

This course is designed for the beginning drama student. Improvisation, speech, movement, and scene study are in integral part of the program. Through daily participation in a variety of activities, students will be encouraged to explore their own creative potential on stage in a supportive, yet challenging learning environment. The second half of the year focuses on theater production, as students are involved in all facets of the spring musical. Both performance based and written assessment are used to determine the student's success in this course.

Introduction to Culinary Arts 5 Credits - Full Year Course

Introduction to Culinary Arts is a course designed to introduce students to the culinary arts profession. Emphasis in this course is given to the development of basic competencies related to the culinary arts profession, including culinary math, understanding basic menus and recipes, standardization of kitchen

procedures, with a culinary lab experience. Students will be introduced to the skills needed for employability, customer relations, menu planning, recipe use, weights and measurements, conversions, budgeting, safety and sanitation, organizing for efficiency, and lab procedures.

Culinary Arts 2 5 Credits - Full Year Course

Prerequisite: Introduction to Culinary Arts

The class is geared towards students that would like to further their knowledge in the Culinary and Hospitality field. Both food history and food science will be studied. Cooking procedures such as traditional French technique and the newest culinary trends will be explored. We will continue to work on sanitation and safety procedures. The business side of the Culinary and Hospitality field will be studied in greater detail. Students will be graded on project based instruction as well as the outcome of their dishes.

Introduction to Child Care Careers 5 Credits - Full Year Course

This course is directed toward preparing students for employment as paraprofessionals or aides in the care of young children in a day care center, nursery school, or pre-kindergarten program. A basic understanding of child development will be emphasized as well as the fundamentals of job training and skills needed for employment. Because of this course a student may decide to go into employment or continued education in child care.

Child Care and Development 5 Credits - Full Year Course

This course is a comprehensive course, which provides a background of knowledge of how children grow (birth to five years) as well as actual opportunities to work with small children in our own school laboratory twice a week. The student will observe the laboratory children and prepare written reports to further their ability to care for the changing needs of the child in addition to their regular classroom activities. Topics such as pre-natal development, child abuse, and mental/physical handicaps will be discussed. Students will also have opportunities to plan and participate in field trips of interest to the pre-school age child.

Creative Photography 5 Credits - Full Year Course

Prerequisite: N/A

This course is designed to present the student with a working knowledge of photography as a virtual communication medium. Course content includes use of 35mm camera, lighting and exposure control, film developing and printing technique. The student will contribute to photo displays and exhibits throughout the school system.

Television Communications 5 Credits - Full Year Course

Prerequisite: N/A

This course is based on the philosophy that students learn by doing. They learn the tolls, techniques and terminology of radio and television production by producing programs. As the students gain practical knowledge and experience, they are expected to create programs to be aired on our local cable access channel.

WORLD LANGUAGE COURSES

Graduation Requirement: One Year

French 1 5 Credits - Full Year Course

Prerequisite: N/A

This course is an introduction to French language and culture. The class addresses basic vocabulary and grammar imbedded in thematic units and cultural vignettes. Students will be exposed to the language in its written as well as spoken forms, in order to develop French language listening, speaking, reading and writing skills.

French 2 5 Credits - Full Year Course

Prerequisite: French 1

This course offers a continuation of the audio-lingual approach to French with increasing emphasis on reading and writing. It is designed to expand students' knowledge and competency in French with grammar presented as an integral part of the language. Vocabulary and basic conversation are reviewed and reinforced.

Pre AP French 2 5 Credits – Full Year Course

Prerequisites: French 1 with teacher recommendation or departmental approval

This course is designed for students who intend to take Pre AP French 3. It follows the French 1 introduction with an accelerated study of the language. Most commonly used tenses in the French language are presented at this level. Although grammar intensive, this course also entails analysis of select literature and cultural aspects of the French speaking world. This class is conducted entirely in French. Students at this level are expected to speak almost exclusively in the target language.

Pre AP French 3 5 Credits – Full Year Course

Prerequisites: Successful completion of Pre AP French 2 or departmental approval

This course is designed for students who intend to take AP French 4. Lessons and course content provide as much exposure as is possible, to authentic materials that will address the listening and reading comprehension skills of each student. Opportunities will also be afforded to practice and to perfect the speaking and writing skills of each student. Grammar from Pre AP French 2 is reinforced at this level. Essays, projects and alternative assessments are emphasized.

AP French 5 Credits – Full Year Course

Prerequisites: Successful completion of Pre AP French 3*

A college-level course, this class is designed for students who intend to continue their study of French at the college level. It provides as much exposure as is possible, to authentic materials that will address the listening and reading comprehension skills of each student. Daily opportunities will also be afforded to

practice and to perfect the speaking and writing skills of each student. The first semester is designed such that each week follows a similar routine, which guarantees practice in each of the four target skills.

In the second semester the focus shifts to the AP Exam. While select exercises continue throughout the school year, by mid-March the class will engage in regular practice of previous AP Exams and similar timed testing materials.

College Credit: Many colleges grant credit hours for beginner French level courses to students who have earned a 4 or 5 on the AP French Exam. Check with each individual college for additional information.

* All other students who do not meet these requirements must receive departmental approval.

Italian 1 5 Credits – Full Year Course

Prerequisite: N/A

This course is designed for students who are interested in a basic knowledge of the Italian language. It offers an introduction to Italian language and culture. The class addresses basic vocabulary and elementary grammar imbedded in thematic units and cultural vignettes. Students will be exposed to the language in its written as well as spoken forms.

Italian 2 5 Credits – Full Year Course

Prerequisite: Italian 1

This course offers a continuation of Italian I with increasing emphasis on speaking, reading and writing in the target language. It is designed to expand students' knowledge and competency in Italian. Grammar, vocabulary and basic conversation are reviewed and reinforced.

Pre AP Italian 2 5 Credits – Full Year Course

Prerequisites: Italian 1 with teacher recommendation or departmental approval

This course is designed for students who intend to take Pre AP Italian 3. It follows the Italian 1 introduction with an accelerated study of the language and greater emphasis on reading and writing. Although grammar intensive, this course also entails analysis of select literature and cultural aspects of the Italian speaking world. This class is conducted almost exclusively in Italian.

Pre AP Italian 3 5 Credits – Full Year Course

Prerequisites: Successful completion of Pre AP Italian 2 or departmental approval

This course is designed for students who intend to take AP Italian 4. Lessons and course content provide as much exposure as is possible, to authentic materials that will address the listening and reading comprehension skills of each student. Daily opportunities will also be afforded to practice and to perfect the speaking and writing skills of each student. Classes are designed to offer practice in each of the four target skills: listening, speaking, reading and writing. Units of study will further explore Italian culture, conversation and journalism.

Pre AP Italian 4 5 Credits – Full Year Course

Prerequisites: Successful completion of Pre AP Italian 3* or departmental approval

This class is designed for students who intend to study Italian at the college level. It provides as much exposure as is possible, to authentic materials that will address the listening and reading comprehension skills of each student. Daily opportunities will also be afforded to practice and to perfect the speaking and writing skills of each student. The first semester is designed such that each week follows a similar routine, which guarantees practice in each of the four target skills.

Native Spanish I 5 Credits – Full Year Course

Prerequisites: Teacher recommendation or qualifying placement test score

This course is designed for second and third generation Latino students or native Spanish speakers who need to further develop their heritage language literacy skills. This course follows the guidelines of The New Jersey Core Curriculum Content Standards (NJCCCS) for World Languages and the WIDA Standards for Language Arts in Spanish. It helps students to develop basic listening, speaking, reading, and writing skills.

It offers students of Hispanic heritage ample opportunities to study Spanish formally in an academic setting in the same way native English-speaking students study English language arts. The course allows students to develop an appreciation for their language and cultural heritage, while fostering the acquisition of literacy and cognitive academic skills. Students enhance their Spanish vocabulary, and learn to discern the different registers of language usage. Instructional goals focus on grammar, reading and writing, vocabulary development, exposure to the language and culture and its communities, and consciousness-raising activities about language and identity.

Pre AP Native Spanish I 5 Credits – Full Year Course

Prerequisites: Teacher recommendation, qualifying placement test score

This course is designed for students who are native or heritage speakers of Spanish and who wish to develop cognitive academic skills related to reading, writing and speaking in their own language. At this level, the teacher will facilitate instruction entirely in Spanish and students will demonstrate communicative competence by communicating primarily in Spanish. Students will exhibit the ability to form and use basic sentence structures, diacritic marks of the Spanish language, and the following verb conjugations: moods and tense of all regular and irregular verbs in the passive and active voice. In addition to developing proficiency in these grammatical structures, students will engage in reading and analysis of Latin American literature and be able to produce written responses to literature. Reading selections will focus on literary works by well-known Spanish and Latin American authors, non-fiction articles and current events. Students will thus demonstrate their ability to comprehend, summarize, (both orally and in writing), and discuss materials written in the Spanish language, via varied classroom activities that foster language development and cultural appreciation.

Pre AP Native Spanish II 5 Credits – Full Year Course

Prerequisites: Successful completion of Native Spanish I, teacher recommendation, qualifying placement test score

This course is designed for second and third generation Latino students or native Spanish speakers who have taken and passed Native Spanish I or scored accordingly on the Spanish for Native Speakers Placement Test. Native Spanish II follows the guidelines of The New Jersey Core Curriculum Content Standards (NJCCCS) for World Languages and the WIDA Standards for Language Arts in Spanish. It helps students to develop and challenge their abilities in listening comprehension, speaking, reading, and writing. Grammar, lexical, syntactical, and essay-writing skills introduced in Native Spanish I are further developed in this course.

This course offers students of Hispanic heritage ample opportunities to study Spanish formally in an academic setting in the same way native English-speaking students study English language arts. The course allows students to develop the language they bring from home further, to learn more about their language and cultural heritage, and to develop Spanish academic language skills. Students not only enhance their Spanish vocabulary, but they also learn to discriminate among the different registers of language usage. Instructional goals focus on grammar, reading, reading comprehension, speaking, writing, vocabulary development, and on the appreciation of major literary works, both prose and poetry, of the Spanish-speaking world and Latino literature in the United States. Students will develop skills, which will enable them produce writing in various formats and genres.

Pre AP Native Spanish III 5 Credits – Full Year Course

Prerequisite: Successful completion of Pre AP Native Spanish II, teacher recommendation or qualifying placement test score

This course is designed for second and third generation Latino students who have taken and passed PreAP Native Spanish II or scored accordingly on the Spanish for Native Speakers Placement Test. The course targets students who have been formally exposed to listening, speaking, reading and writing in Spanish and need to improve their skills in their native language. Pre AP Native Spanish III follows the guidelines of The New Jersey Core Curriculum Content Standards (NJCCCS) for World Languages and the WIDA Standards for Language Arts in Spanish. It includes a thorough review of the grammar rules and the orthography of Spanish. Students will read and write extensively, give oral presentations, and participate in debates, all while learning about the fundamental grammatical structures of Spanish and the many ways Spanish can be used in both formal and informal settings. Students will be exposed to major literary works, both prose and poetry, of the Spanish-speaking world and Latino literature in the United States.

Spanish 1 5 Credits – Full Year Course

Prerequisite: N/A

Spanish 1 is an audio-lingual approach to language learning designed to teach beginning level students, grounded in the New Jersey Core Curriculum World Language Standards. It is a course in which students will develop skills in speaking, reading and writing in Spanish. The course is designed to help students deepen their understanding and appreciation for the language and culture of Spanish speaking countries. The goals for Level 1 are the acquisition of basic vocabulary skills, good pronunciation, listening comprehension and development of conversational skills.

Spanish 2 5 Credits – Full Year Course

Prerequisite: Spanish 1

Spanish II is an audio-lingual approach to language learning designed to teach beginning level students, grounded in the New Jersey Core Curriculum World Language Standards. It is a continuing course in

which students will continue to develop skills in listening, speaking, reading and writing. Spanish I or the equivalent level knowledge and achievement is a pre-requisite for this course. Additionally, the course is designed to help students deepen their understanding and appreciation for the language and culture of Spanish speaking countries. The goals for Level 2 are the continued acquisition of vocabulary skills, good pronunciation, listening comprehension, and development of conversational skills as well as increased fluency in writing and comprehension in reading.

Pre AP Spanish 2 5 Credits – Full Year Course

Prerequisite: Teacher recommendation or qualifying placement test score

This course is designed for students who intend to take Pre AP Spanish 3. It follows the Spanish 1 introduction with an accelerated study of the language and greater emphasis on authentic communication, reading and writing. Although grammar intensive, this course also offers students opportunities to analyze short narratives and further develop an understanding of the Spanish-speaking world. This will be conducted mostly in Spanish.

Spanish 3 5 Credits – Full Year Course

Prerequisite: Spanish 2

This course expands and strengthens the students' control of the Spanish language. It builds on the foundation developed in Spanish I and Spanish 2 . Students will develop skills in listening, speaking, reading, and writing in Spanish. During this course, students develop their mastery of the language and are able to express themselves using more complex grammar and vocabulary. The course is based on the New Jersey Core Curriculum Content Standards for World languages. . Much emphasis is placed upon different tenses of the language, so that students not only feel comfortable dealing with Spanish grammar but also deepen their understanding and appreciation for the language and culture of Spanish speaking countries.

Pre AP Spanish 3 5 Credits – Full Year Course

Prerequisite: Teacher recommendation or qualifying placement test score

This course is designed for students who intend to take AP Spanish. It offers students as much exposure as is possible, to authentic materials that will address listening, speaking, reading and writing skills. Students will deepen their understanding of the language through analysis of literary selections and contemporary topics. They will demonstrate the ability to summarize and write in various formats, including well-developed paragraphs, literary response items, and expository essays. Units of study and projects will further offer students opportunities to explore Spanish culture and language.

AP Spanish Language 5 Credits – Full Year Course

Prerequisite: Successful completion of Pre AP Spanish 3, teacher recommendation or qualifying placement test score

Advanced Placement Spanish Language is a college-level course conducted completely in Spanish. It follows the guidelines and requirements of the New Jersey Core Curriculum Content Standards for World Languages (NJCCCS). Students are encouraged to practice the target language in their daily classroom interactions with their teacher and classmates. They are also exposed to authentic and level-appropriate

reading materials, audio, and video recordings. The course provides ample opportunities for exposure to the world of literature and current events of Spanish-speaking countries through authentic written texts. A thorough review of the major grammatical, syntactical, and linguistic aspects of the Spanish language is conducted in this course. In order for students to enroll in this course they must have completed Pre-AP Spanish III with a B+ or higher grade and have their Spanish teacher recommendation. Students of Hispanic heritage who demonstrate a very good command of intermediate-level Spanish in our Placement Test may also enroll.

At the end of this course, students will be able to:

- Understand conversations, oral presentations, newspapers and magazines, formal and informal letters, essays, instructions and directions, Internet articles, fiction and non-fiction stories, and radio and television programs;
- Express themselves orally using appropriate language to persuade, argue, inquire, and describe;
- Express themselves properly in a wide variety of styles using appropriate strategies for different audiences;
- Demonstrate in-depth knowledge and understanding of the linguistic and cultural richness and diversity of the Spanish-speaking world.

Students in the Advanced Placement Spanish class are expected to take the AP Spanish Examination administered in May. Successful performance in this examination will give students college credits.

College Credit: Many colleges grant credit hours for beginner Spanish level courses to students who have earned a 4 or 5 on the AP Exam. Check with each individual college for additional information.

AP Spanish Literature 5 Credits – Full Year Course

Prerequisite: Successful completion of AP Spanish Language or teacher recommendation

This Advanced Placement Spanish Literature course is a college-level course conducted completely in Spanish, and students are expected to use the language in their interactions with the teacher and their peers as well as in all class activities and assignments. All of the works of the official AP Spanish Literature reading list are included in this course. The major movements in Hispanic literature from medieval times through the current literary trends are studied and discussed. Through reading, critical analysis, discussions, comparison, and contrast students transcend the boundaries of national literatures and learn about the ties that exist between Peninsular and Latin American literature. Literature is not taught as an end in itself, but as a means through which we can learn many aspects of Hispanic studies - from everyday customs and traditions to historical and social values and principles, as well as diverse points of view. In order for students to enroll in this course they must have taken and passed successfully AP Spanish Language SFSS III or receive approval from the AP Spanish Literature teacher.

At the end of this course, students are expected to have learned:

- The major literary movements, writers, trends, and ideas that have shaped the Spanish and Latin American peoples;
- The tools and techniques of literary analysis;
- The necessary vocabulary and terminology to engage in discussions about literary criticism both orally and in writing;
- To analyze critically the form and content of literary works, both prose and poetry;

- To understand how a literary work relates to the author's life, activities, and aspirations as well as to the socio-cultural and historical context to which it belongs.

Students in the Advanced Placement Spanish Literature class are expected to take the AP Spanish Literature Examination administered in May. Successful performance in this examination will give students college credits.

College Credit: Many colleges grant credit hours for beginner Spanish level courses to students who have earned a 4 or 5 on the AP Exam. Check with each individual college for additional information.

ESL/BILINGUAL COURSES

ESL I Reading-Writing 5 Credits Each – Full Year Courses

Prerequisite: N/A

ESL I is for the student with little or no knowledge of English. In this course students will be exposed to social and academic language functions. Emphasis is placed on learning to read the English language through everyday concepts and vocabulary. In addition, students will learn academic concepts and vocabulary through content areas such as Social Studies, Science, Math, Literature, Physical Education, and Fine Arts. Students will demonstrate the ability to recognize, imitate, and produce the sounds of the English language. Students will demonstrate the ability to recognize, understand, form and use oral and written language. Language acquisition will be fostered via projects, reading and writing that goes beyond the textbook, and integrated lessons that challenge students to think critically, apply concepts and evaluate to create meaning. Reading strategies, self monitoring strategies and comprehension skills aligned with the New Jersey Core Curriculum Content Standards and the WIDA Consortium standards are emphasized. Upon completion of this course, students will be prepared to participate in ESL II.

ESL II Reading-Writing 5 Credits Each – Full Year Courses

Prerequisite: Completion of ESL I or demonstrate proficiency on placement test

ESL II is an intermediate level language course designed to further advance the level of listening, speaking, reading and writing skills acquired in ESL I. This course is based on English as Second Language content and aligned with the New Jersey core Curriculum Content Standards for Language Arts and the WIDA Consortium Standards. ESL II is offered as a five-credit course that provides targeted language instruction within a classroom environment that accommodates individual interests, abilities, and rates of learning, while fostering a climate of teamwork and mutual support. Using a content-rich thematic approach, ESL II facilitates language acquisition with in depth study of vocabulary, reading and writing genres, and communicative competence. Students will develop greater language and fluency skills via relevant learning opportunities that privilege cognitive academic skills and challenge them to analyze concepts and think critically. Upon completion of this course, students will be prepared to participate in ESL III.

ESL III Reading-Writing 5 Credits Each – Full Year Courses

Prerequisites: Completion of ESL II or demonstrate proficiency on placement test

ESL III is an intermediate-advanced level course designed to continue and advance the level of listening, speaking, reading and writing skill formerly acquired in ESL I & II. This course is based on English as Second Language content and aligned with the New Jersey Core Curriculum Content Standards for Language Arts and the WIDA Consortium Standards. ESL III is offered as a 5-credit course, which provides intermediate second language learners with multiple project-based learning opportunities to improve and acquire more advanced fluency in communicative English language skills. Using a content-rich thematic approach with a special focus on Social Studies and Science, ESL III facilitates language acquisition via real world context. Students will be exposed to various texts and activities that are relevant to their own life experiences. Reading materials will be divided between 2 non-fiction and 3 fiction texts, while the writing concentration will be on speculative, compare and contrast, expository,

persuasive, and narrative writing. Upon completion of this course, students will be prepared to participate in English Immersion.

English Immersion 5 Credits – Full Year Course

Prerequisite: Completion of ESL III or demonstrate proficiency on placement test

English Immersion is an advanced level language course designed to bridge ESL and CP English content. The class provides a literature-rich environment in which students develop critical reading and writing skills to ultimately demonstrate fluency in written text through organizational structure, use of topic and supporting detail, word choice, and grammar. This course is aligned with the New Jersey Core Curriculum Content Standards and the WIDA Consortium Standards. English Immersion is offered as a 5-credit course, which provides advanced language learners with multiple project-based learning opportunities to further expand language ability and reach fluency. Using a thematic approach, English Immersion targets reading and writing benchmarks through literary novels and non-fiction readings. Upon completion of this course, students will be prepared to participate in college-preparatory English courses, and encouraged to take higher-level courses, such as Pre-AP courses.

Bilingual US History 1 5 Credits – Full Year Course

Bilingual US History I is a beginner history course for all Spanish-speaking students in the bilingual program. It surveys the development of the United States from its foundation in colonial times to the period of construction after the Civil War. The foundation and establishment of democratic society and government is stressed with a special emphasis on the American Constitution. Bilingual language learners are supported via a bilingual approach in which native language instruction is used to facilitate cognitive academic skill development, while also challenging students to transfer these skills to acquire proficiency in English

ESL US History 1 5 Credits – Full Year Course

Prerequisite: ESL students that do not qualify for bilingual instruction

ESL US History I is a beginner history course for all English Language Learners in the ESL program. It surveys the development of the United States from its foundation in colonial times to the period of construction after the Civil War. The foundation and establishment of democratic society and government is stressed with a special emphasis on the American Constitution. ESL language learners are supported with a scaffolded approach to the content. This approach privileges targeted vocabulary and language instruction in an effort to facilitate cognitive academic skill development within a US history context, while also challenging students to acquire proficiency in English

Bilingual US History 2 5 Credits – Full Year Course

Prerequisites: Bilingual U.S. History 1, Native Spanish Speakers

Bilingual US History 2 follows U.S. History 1 and continues into the contemporary world. Twentieth century American History is studied in detail with a special emphasis on the U.S. as a world power and current events. Bilingual language learners are supported via a bilingual approach in which native language instruction is used to facilitate cognitive academic skill development, while also challenging students to transfer these skills to acquire proficiency in English

ESL US History 2 5 Credits – Full Year Course

Prerequisites: Bilingual U.S. 1, ESL students who do not qualify for bilingual instruction

ESL US history 2 follows ESL U.S. History 1 and continues into the contemporary world. Twentieth century American History is studied in detail with a special emphasis on the U.S. as a world power and current events. ESL language learners are supported with a scaffolded approach to the content. This approach privileges targeted vocabulary and language instruction in an effort to facilitate cognitive academic skill development within a US history context, while also challenging students to acquire proficiency in English

Bilingual World History 5 Credits – Full Year Course

Bilingual World History is designed to provide students with an understanding and appreciation of World cultures and civilizations via a chronological approach. Students will examine and assess the effects of the development of civilizations beginning with prehistory and continuing through to Egypt, Mesopotamia, classical Greece and Rome, ancient India and China, successors to Rome, Africa, the Americas, Asia (16th–19th century), the rise of the West, changing Western civilization, empire building and conflict, and the modern world. Students will evaluate and analyze political structures, economic systems, and principles of law associated with the various civilizations and demonstrate appreciation for the differences and similarities of the world’s cultures. Bilingual language learners are supported via a bilingual approach in which native language instruction is used to facilitate cognitive academic skill development, while also challenging students to transfer these skills to acquire proficiency in English

ESL World History 5 Credits – Full Year Course

Prerequisite: ESL students that do not qualify for bilingual instruction

ESL World History is designed to provide students with an understanding and appreciation of World cultures and civilizations via a chronological approach. Students will examine and assess the effects of the development of civilizations beginning with prehistory and continuing through to Egypt, Mesopotamia, classical Greece and Rome, ancient India and China, successors to Rome, Africa, the Americas, Asia (16th–19th century), the rise of the West, changing Western civilization, empire building and conflict, and the modern world. Students will evaluate and analyze political structures, economic systems, and principles of law associated with the various civilizations and demonstrate appreciation for the differences and similarities of the world’s cultures. ESL language learners are supported with a scaffolded approach to the content. This approach privileges targeted vocabulary and language instruction in an effort to facilitate cognitive academic skill development within a US history context, while also challenging students to acquire proficiency in English

Latin American Cultural Arts 5 Credits – Full Year Course

Latin American Cultural Arts is a Middle College course that introduces students to the artistic language of Latin American countries, its origins, its form and expression of its reality. The class encourages students to expand an interest in Latin American Arts and Culture, and to understand the history and traditions of the region. Through the study of the region’s history from Pre-Columbian times to Modern, students will analyze the relationship between art and society, art and culture and art and history. In the class students are also exposed to situations and current events in Latin America and analyze their relevancy to the U.S. For students to enroll in this course they must have a B average in their courses and have completed 60 high school credits or receive approval from the teacher.

At the end of the course students in this class will be able to:

- Become more comfortable with the idea of looking and understanding art
- Develop a deep understanding of the relationship between society and artistic movements, history and art, culture and art.
- Develop an understanding of the types of art and their development parallel to a nations' history
- Develop an understanding of how the life of an artist impacts his/her work
- Gain an understanding of key time periods in Latin American history
- Learn of the influences of Indigenous, European and African cultures in the development of a “Latin American” identity
- Produce an independent research report where they will apply the knowledge and skills learned in the class