



LAKE VIEW HIGH SCHOOL

A photograph of several students sitting at a long table in a library or study area. They are engaged in conversation or reading. The room has large windows and modern lighting. A backpack is visible on the floor in the foreground.

Course Catalog 2016 - 2017



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Art

Level 1

Art I (91510)

Grade Level: 9 -12

Prerequisites: None

Content: Art I is our introductory level class for students at LVHS. Students are introduced to the language of the visual arts through how artwork is literally created: (line, shape, form, value, space, texture and color). As you learn the language, you will be challenged to say something: what do you want to express? We will continually revisit the questions: Is art a skill that can be learned? What is creativity? How does the practice of art relate with “real life”?

Skills: Students will learn how to practice, plan, create and self-reflect on artwork they have made. Specific skills will include: design techniques, pencil blending, linear perspective, basic color mixing with acrylic paint, sculpture, and self-portraiture.

Highlights: Once you pass Art I, you can take the other art electives! Don’t worry if you think you’re bad at art, that is what the art teachers are here for! Guaranteed you will get better!

Honors Art I (91510H)

Grade Level: 9-10

Prerequisites: Student applications are available in room 317

Refer to Art I for basic course description

Differences: In Honors Art I you can expect to move through material at a faster pace. Students will learn all of the basic art skills, but they will be developed at a higher level over the course of the year. This class is ideal for highly motivated students and those that are interested in pursuing our amazing art electives as upperclassmen.

Students do not need to already have art skills! Just have the interest and be ready to work!

Level 2

Honors Drawing & Painting Studio (92110H)

Grade Level: 10-12

Prerequisite: Art I and Instructor Recommendation

Additional Commitments: Mandatory sketchbook assignments will be assigned as homework. Class projects not finished during school will also be considered homework.

Content: Love blending with a pencil or mixing your own colors from scratch? Eager to learn new techniques and try different materials? This is the class for you. In many ways drawing is the basis of all other art forms; increase your skills to become a more versatile and creative artist. Assignments will balance learning to draw from direct observation in a realistic style with creating work that is based on imaginary artistic vision.



Skills: Students will discover ways to manipulate: charcoal, colored pencil, pen and ink, pencil, watercolor, acrylic paint, scratchboard, dry and oil pastel. You will also learn how artists generate creative ideas and how participating in an art critique can greatly improve your own work.

Highlights: A smaller class size than Art I and use of more expensive and interesting art materials. Students will experience an immersion into how to draw realistically and with correct proportions.

Honors Photo I (90920H)

Grade Level: 10-12

Prerequisite: Art I and Instructor Recommendation

Additional Commitments: Students must shoot photography assignments off campus during their own time. Additional time outside of class is expected and usually needed in order to complete some assignments in the darkroom.

Content: Experience the power of photography to communicate ideas and dare to answer such questions as: What makes a photograph art? How can a photograph reveal something about a person, place or an everyday object? What role does photography play in societal critique?

Skills: Photography I will explore both black/white film and digital color work. Students will have the unique experience of a traditional darkroom and exposure to digital photo editing. Assignments will include: photograms, portraits, urban landscape, still-life and photo-collage. Students will learn to compose, shoot, process and print their own film. Students will participate in critique and reflect on their own work in order to improve their design and visual storytelling skills.

Highlights: Participation in the LVHS Annual Silent Photo Auction, numerous contests and art shows, Adobe Photoshop, darkroom printing, and a close-knit, cooperative, yet very independent class. It is truly a unique experience.

Honors Sculpture Studio

Grade Level: 10 - 12

Prerequisites: Art I and Instructor Recommendation

Additional Commitments: Work that is not completed in class is considered homework.

Content: Love art and looking to construct and manipulate stuff with your hands? Students will experience 3-dimensional design and visual problem solving through the exploration of diverse materials, techniques and themes. Previous materials include: clay, mosaics, embroidery, wire, cardboard, found objects, plaster, books, ice, yarn and toothpicks.

Skills: Students will gain proficiency in techniques such as: hand-building, carving, installation, upcycling and assemblage. You will design sculptures through the process of brainstorming, sketching and translating ideas from flat paper to actual 3D forms; expect to explore both realism and abstraction. Projects will switch between independent and collaborative group work.

Highlights: Students will make larger than life, colder than ice, and greener than grass, art in this class. Giant 3D portraits of the staff, a sculpture made out of frozen ice, and using what has been thrown-away by others to create works of beauty.



Level 3

Advanced Placement Drawing/Painting Portfolio (91610)

Grade Level: 11-12

Prerequisite: Honors Drawing/Painting Studio **and** Instructor Recommendation. Concurrent enrollment in another studio class is **highly recommended**.

Content: This college-level course is for juniors/seniors and may be completed in either one or two years. It is for committed artists and requires tremendous outside & independent work. You will submit 24 pieces to the College Board for review that consists of Breadth, Concentration and Quality. Breadth highlights versatility of subject/technique: 12 pieces. Concentration is a deep & sustained exploration of a theme of your choosing: 12 pieces. Quality is the physical submission of 5 of your best works. The focus is Realism.

Skills: Students who take this class will learn strategies to generate ideas, work on a deadline, develop their own artistic voice, edit their work, photograph their work, and hone their composition, technical, and expressive skills.

Highlights: Experience the freedom to create your own artwork, within a VERY STRICT deadline. Not only will you have a portfolio to submit to AP, you will also have work in a professional format to show to any elite art/design college.

Note: *All students enrolled in Advanced Placement classes are required to submit an AP portfolio.*

Advanced Placement 2D Design: Photography Portfolio (905101A)

Grade Level: 12

Prerequisite: Photo I **and** Instructor Recommendation

Additional Commitments: Completion of Summer Work Assignments is mandatory. Students work very independently and do much of their shooting off campus on their own time.

Content: Seniors who have passed Photo I, continue their quest to create photographic images by taking AP 2D Design. This is for committed artists only. It requires a tremendous amount of outside & independent work. You will submit a 24 piece Portfolio to the College Board for review that consists of Breadth and Concentration. Breadth highlights versatility of subject, design-skills and technique: 12 pieces. Concentration is a deep and sustained exploration of a theme of your choosing: 12 pieces.

Skills: Students who take this class will learn strategies to generate ideas, work on a deadline, develop their own artistic voice, edit their own and their peers work, and hone their composition and storytelling skills.

Highlights: Experience the freedom to create your own photography, within a very strict deadline. Not only will you have a portfolio to submit to AP, you will also have work in a professional format to show to any elite art/design college.

Note: *All students enrolled in Advanced Placement classes are required to submit an AP portfolio.*



Computer Science

Exploring Computer Science Honors (75310H)

Grade Level: 9 - 12

Prerequisites: none

Content: Human-Computer Interaction, Problem Solving, Web Design, Introduction to Programming and Robotics.

Skills: Students will be involved in multiple hands-on activities and projects that guide them in understanding why certain tools or languages might be utilized to solve particular problems and how to follow specific steps to come up with possible solutions.

Highlights: Students will be able to begin their E-portfolio with work representing their learning from this course including making web pages, creating animated games/stories using code, and programming robots.

Honors Computer Science Problem Solving

Grade Level: 10 – 12

Prerequisites: Exploring Computer Science with a C or higher and Passing CS Entrance Exam

Content: Binary and Digital Logic, Hardware, Operating System, Software, Databases, Networking, Cryptography, JavaScript, App Development, and Ethical Hacking.

Skills: Students will be able to create a virtual integrated circuit, disassemble/assemble a computer, install OSs, software, and antivirus, create and manage a DBMS, network computers, encrypt/decrypt and crack ciphers, learn JavaScript, create a mobile app, investigate ethical hacking.

Highlights: Expand on E-portfolio from Exploring Computer Science, create a functioning app, compete in city, state, and national STEM competitions.

Computer Science CIS120

Grade Level: 11

Prerequisites: IT Problem Solving with a C or higher and Passing Compass Exam

Content: This course introduces database design and creation using a DBMS product. Upon completion, students should be able to design and implement normalized database structures by creating simple database tables, queries, reports, and forms.

Skills: Students will work on hands-on projects that combine databases and business applications.

Highlights: Database Space Exploration & Marketing/Budget Executive Role, hands on experience with a variety of operating systems. This is a dual credit Chicago Community College (CCC) course.



Operating Systems CIS116

Grade Level: 11

Prerequisites: CIS120 with a C or higher Passing Compass Exam Scores

Content: This course will introduce the core concepts of operating systems, such as processes, memory management, file systems, input and output device management and security. The goal of the readings and lectures is to introduce the core concepts. The goal of the programming assignments is to give students some exposure to operating system code.

Skills: Students will be able to troubleshoot common Windows and Linux issues, identify tools for modifying settings or configuring the system.

Highlights: Linux Installation & Command Line, learning about a variety of operating systems through hands on experience. This is a dual credit Chicago Community College (CCC) course.

Web 181

Grade Level: 12

Prerequisites: Operating Systems 116 with a C or higher

Content: How is a professional website created? Students will be introduced to a development process for making a website. Using this process students will create an actual website.

Skills: Students will design and use HTML and CSS to create and design a website.

Highlights: Creation of a website based on student design. This is a dual credit Chicago Community College (CCC) course.

Web 182

Grade Level: 12

Prerequisites: Web 181 with a C or higher

Content: How do you make a website functional? In the previous course, Web 181, students created their own sites. In Web 182, these sites are interactive via forms and events.

Skills: Students will learn the Javascript language so that they can add it to their website, making their sites functional and interactive.

Highlights: Password protection, session handling, dynamic and responsive web pages. This is a dual credit Chicago Community College (CCC) course.



English

English I - Prep (18410R)

Grade Level: 9th grade

Prerequisite: none

Content: We will encounter a variety of texts, such as novels, short stories, nonfiction articles, poems, essays, memoirs, etc. Our focus will be the exploration of self and society.

Skills: We will develop our reading, writing, and critical thinking skills as well as learn new vocabulary and grammar skills. The course will focus heavily on learning how to cite and explain our strong educated guesses based on textual evidence.

Highlights: English I is all about ourselves and allows us to reflect on identity. We will analyze how our experiences and societal influences shape who we are today and what kind of impact that can have on our futures.

English I – Honors (18410H)

Grade Level: 9th grade

Prerequisite: none

Content: We will encounter a variety of texts, such as novels, short stories, nonfiction articles, poems, essays, memoirs, etc. Our focus will be the exploration of self and society. *Honors classes will complete more complex readings in and out of the classroom and complete additional homework and projects that showcase students' mastery of the unit standards.*

Skills: We will develop our reading, writing, and critical thinking skills as well as learn new vocabulary and grammar skills. The course will focus heavily on learning how to cite and explain our strong educated guesses based on textual evidence.

Highlights: English I is all about ourselves and allows us to reflect on identity. We will analyze how our experiences and societal influences shape who we are today and what kind of impact that can have on our futures.

English II (18420R)

Grade Level: 10th grade

Prerequisite: English I

Content: In this course you will experience the literature of the world. You will be transported to places far beyond Chicago broadening your world experience and cultural awareness.

Skills: Along the way you will master speaking and listening skills through your performance of a Shakespearean monologue. You will strengthen your reading and writing skills by proving with evidence how myths of old still are being recycled and reused today. By quarter three, you will be able to say you wrote a short piece of creative fiction, a hero's origin story. By the end of the year you will be able to put



all these skills together to attack a piece of fiction in small groups where reading, writing, speaking, listening, and time management are all critical.

Highlights: In English II Prep you will be expected to do reading, writing, and research outside of the classroom. English II Prep has more time reserved in class each day for starting assessments. This is to supplement you with resources you wouldn't have at home, like your teacher and peers. The scope and pace of this class is modified to allow for this work time to be provided.

English II – Honors (18420H)

Grade Level: 10th grade

Prerequisite: English I Honors or recommendation

Content: In this course you will experience the literature of the world. You will be transported to places far beyond Chicago broadening your world experience and cultural awareness.

Skills: Along the way you will master speaking and listening skills through your performance of a Shakespearean monologue. You will strengthen your reading and writing skills by proving with evidence how myths of old still are being recycled and reused today. By quarter three, you will be able to say you wrote a short piece of creative fiction, a hero's origin story. By the end of the year you will be able to put all these skills together to attack a piece of fiction in small groups where reading, writing, speaking, listening, and time management are all critical.

This is an honors class, so the scope of this class largely extends beyond the classroom. In addition to class, you will be doing reading, writing, and research at home to expedite the pace of what is covered in class.

English III – Regular (18430R)

Grade Level: 11th grade

Prerequisite: English II

Content: The English III curriculum is designed to help you look at the world around you using a variety of texts - including novels, short stories, poems, films, and articles - as an introduction to the issues facing our society.

Skills: Using these as a foundation, you will investigate controversial issues that our modern society faces and explore your opinions in writing, discussion, and service learning. Additionally, you will prepare for the Illinois state junior test and the ACT.

Highlights: Students will learn to write analytical essays, complete a service learning project that explores issues in their own neighborhoods, and debate current events.



English III – Honors (18430H)

Grade Level: 11th grade

Prerequisite: English II Honors or recommendation

Content: English III Honors is a rigorous curriculum that challenges you to explore and cultivate an understanding of the world around you and its most pressing issues.

Skills: Using a variety of texts - including novels, short stories, poems, articles, and films - you will investigate how our society works and the different ways in which you can affect it. Through reading, writing, discussion, and service learning, you will be able to both analyze the ideas of others and develop your own original ideas and opinions. Additionally, you will prepare for the Illinois state junior test and the ACT.

Highlights: Students will learn to write analytical essays, complete a service learning project that explores issues in their own neighborhoods, and debate current events.

English IV – Regular (18440R)

Grade Level: 12th grade

Prerequisite: English III

Content: You will work on applying to college and scholarships, applying literary devices to a variety of texts, understanding complex text, and participating in choice reading activities. You will participate in writing for a variety of situations, including narrative, creative, synthesis, research, compare/contrast, and speeches. You will spend time in the computer lab developing research skills, using MLA and APA format, and correctly formatting your essays.

Skills: This course will focus on helping you develop effective reading, listening, speaking, and writing skills. All of this is done with the purpose of expanding your literal, interpretive, creative and critical thinking, helping you succeed in college.

Highlights: You will write your college personal statement, an original short story, complete the “senior research paper,” participate in debates and Socratic seminars, and the class will end with you giving your “Last Lecture.”

English IV – Honors (18440H)

Grade Level: 12th grade

Prerequisite: English III Honors or recommendation

Content: You will work on applying to college and scholarships, applying literary devices to a variety of texts, understanding complex text, and participating in choice reading activities. You will participate in writing for a variety of situations, including narrative, creative, synthesis, research, compare/contrast, and speeches. You will spend time in the computer lab developing research skills, using MLA and APA format, and correctly formatting your essays. *Honors classes will complete more readings, more complex readings, and more reading outside of class, including additional homework and completing an additional research assignment.*



Skills: This course will focus on helping you develop effective reading, listening, speaking, and writing skills. All of this is done with the purpose of expanding your literal, interpretive, creative and critical thinking, helping you succeed in college.

Highlights: You will write your college personal statement, an original short story, complete the “senior research paper,” participate in debates and Socratic seminars, and the class will end with you giving your “Last Lecture.”

AP Language and Composition (17510)

Grade Level: 11th grade

Prerequisite: English II Honors and recommendation

Content: The AP English Language and Composition course is designed to challenge students as readers, writers, and thinkers, and to prepare them for the AP English Language and Composition exam in the spring. The course’s primary focus is rhetoric which, in a nutshell, is defined as the choices a writer or speaker makes to persuade his or her audience.

Skills: We study the rhetoric of non-fiction essays, visual texts, speeches, films, and other non-fiction pieces. Critical reading and writing are essential components of the course, and we will spend a great deal of time thinking and writing about the various texts we read. This course challenges students to think for themselves and support their assertions with thoughtful and effective evidence.

Highlights: We engage in spirited, intelligent debates about everything from capital punishment to the perfect comeback all in the service to become a more persuasive communicator.

Note: *All students enrolled in Advanced Placement classes are required to take the AP Exam.*

AP Literature and Composition (17010)

Grade Level: 12th grade

Prerequisite: English III Honors, AP Language and recommendation

Content: As a student in AP Literature, you will read and analyze classic and contemporary literature dating from the 14th century to the present.

Skills: Through intensive and extensive reading and writing and thinking, you will expand your understanding of the genres of literature and the impact these literary pieces have on our understanding of the human condition: the good, the bad, and the ugly.

Highlights: Poetry: *AP Lit class here/stop talking to your peers/time to bring out the writer in you/you have no clue. Literary devices help you in a crisis: diction, language, imagery, punctuation/brings out a writer in every situation. AP Lit really teaches you about yourself/ it brings out the inner you and how you felt.* (Breyanna Henderson - Class of 2015)

Note: *All students enrolled in Advanced Placement classes are required to take the AP Exam.*



RLA 1

Grade Level: 9th

Prerequisite: none

Content: What if you read something that will one day save your life? What if you could read books by people who took over the world? What could you do if you started reading the latest science publications, and understood what they were saying? What if you could read a cartoon and articulate the theme in one beautiful sentence? What if the only hard part about the reading section in the ACT was the time limit? What if I told you all of these things are obtainable goals with strong reading skills? Creating strong reading skills is the overarching goal of RLA 1.

Skills: RLA 1 is designed to support you with basic reading skills to supplement and enhance every other aspect of your academic, emotional, and professional life. We will learn how to identify theme, use evidence to support claims, and connect with the stories and other people through literature circles. We will read high interest novels as a class and independently as well as work on strategies for raising our reading level on the ACT.

Highlights: The most fun aspect about this class is we get to read books and stories that are very high interest and engaging in small “book club” style settings. We get books that couldn’t be taught normally to a whole class because we only need five books to make a group. This opens the door to a level of student choice that is hard to get in your normal English class. We also incorporate a large ACT reading unit that aims to raise students reading level by three points on the ACT.

Speech (13410)

Grade Level: 11th and 12th grade

Prerequisite: none

Content: Are you someone who likes to talk, share your opinion, and have lively discussions? Or are you someone who would like to become more comfortable speaking in front of others or be able to clearly express your thoughts? Then this class is perfect for you. You will practice public speaking, learn how to give professional speeches, participate in interesting discussions, engage in controversial debates and develop your writing.

Skills: We will learn how to identify audience needs, understand context, and create speech goals. We will work on creating clear outlines and structures to enhance our writing. We will write and practice different types of speeches, that incorporate many different styles, to become better speakers, writers and thinkers.

Highlights: The most fun aspect about this class is that we discuss and present our opinions on almost anything that is current, interesting and/or controversial. Many of the topics are chosen by the students. Most of the class revolves around discussions, speeches and debates.



Journalism (15620)

Grade Level: 11th and 12th grade

Content: Ever dream of being a reporter and seeing your credit on the front page of the newspaper? Now's your chance! Be on the staff of *The Lake View ROAR!*

Skills: *Journalism/Newspaper* is a production based class that will give you the opportunity to use your writing, photographic, blogging and design skills to create our school newspaper. Work as a reporter in the field or be part of the Editorial/Design staff creating the newspaper online. Students in this class will learn the fundamental skills of news writing, ethics of journalism, news editing and photography.

Highlights: Don't just read about things! Be part of the crew that reports what's happening at Lake View! Join the staff of The *ROAR!*

College Preparatory Reading and Writing

Grade Level: 12th Grade

Prerequisites: None

Content: The course is designed to improve reading, critical thinking skills, and study skills necessary for success with college level reading and writing. The aim of this course is to help students with their "college readiness" skills, preparing them to meet the demands of college.

Skills: Emphasis in reading will be placed on vocabulary development and basic comprehension skills, particularly the skill of recognizing the main idea and supporting details. Emphasis in writing will be to continue to improve students' writing at the basic sentence and paragraph level.

Highlights: Weekly Vocabulary Units, Research Paper, and Writing Portfolio consisting of composing 3-4 essays, a literature analysis paper and 3-4 novels. Defining success and examining the traits of successful people in and out of college will be discussed throughout the course.

Senior Leadership Seminar

Grade Level: 12th Grade

Prerequisites: Letter of Recommendation for current teacher

Content: This course is a comprehensive freshman mentorship program supported by an academic class. You will use one-on-one, small group, and community building activities to support freshmen throughout their first year at Lake View.

Skills: Your performance in the course will be evaluated on class participation, comprehension of concepts, documentation of mentoring notes, demonstration of effective and resourceful mentoring strategies, modeling leadership and showing commitment to maintain a positive and supportive social climate at Lake View High School.



Highlights: For those who have the ability, interest and commitment we can assure you that being a part of Wildcat Leaders has the potential to be one of the most meaningful and rewarding educational experiences you have encountered thus far. We will certainly do all we can to guarantee this and eagerly anticipate the opportunity to work closely with you throughout the year.

English 101 Dual Credit

Grade Level: 12th Grade

Prerequisites: English III honors or AP Language and Composition and Recommendation

Content: The course is an intensive study of argumentative writing. Argumentative writing describes the kind of compositions required for college coursework. Students will explore and write about intellectual and cultural issues with critical analysis, and will engage in a recursive process of prewriting, drafting, revising, editing, and proofreading, as well as a reflective process of evaluating their own drafts and those of others.

Skills: In their writing, students will formulate and support an explicit or implied thesis, supporting that thesis with reasoning and explanations, while establishing a clear framework of organization and development appropriate to the thesis and its supporting claims. These writing assignments will rely on research and investigative writing, and require the student to adopt a voice, tone, and level of formality appropriate to an academic audience.

Highlights: Students will also develop familiarity with the vocabulary, concepts, and conventions of academic thinking, while engaging in collegial discussions. We will do this as we examine our own selves as critical thinkers and writers.



Mathematics

Algebra I Extended

Course Number: 413201R / 413202R

Grade Level: 9

Prerequisites: None; concurrent enrollment in Algebra I

Content: Students enrolled in Algebra I Extended are provided with opportunities to strengthen their understanding of topics taught in a traditional Algebra I course. Students will participate in learning activities which will both complement and support the mathematical content of their Algebra I course. Students will also have a chance to strengthen prerequisite skills needed for success in Algebra I.

Skills: Work with fractions, order of operations, operations with positive and negative numbers, understanding expressions, solving one-step and multiple step linear equations, graphing linear equations.

Highlights: Students will practice hands-on activities that will help them succeed in Algebra 1 as well.

Prep Algebra I (41330R)

Grade Level: 9

Prerequisite: Pre-Algebra (taken in elementary school)

Content: Students will work with expressions and solve equations, evaluate and interpret inequalities, graph and analyze linear functions and their systems, and perform operations on polynomials. Students will apply all of this content to real world situations and problem solving.

Skills: Students will work independently and cooperatively. Students should be prepared to do a half hour of homework 2-3 times per week. Students are expected to come to class each day in a timely manner. Tests occur every 5 weeks and weekly quizzes.

Highlights: Students will work with and model real world data.

Honors Algebra I (41330H)

Grade Level: 9

Prerequisite: Pre-Algebra (taken in elementary school)

Content: Students will work with expressions and solve equations, graph and analyze linear functions and their systems, and perform operations on polynomials. Students will apply all of this content to real world situations and problem solving.

Skills: Students will work with a high level of independence and cooperation. Students should be prepared to do an hour of homework 2-3 times per week. Students are expected to come to class daily and actively participate to keep up with the challenging pace of the class. Tests occur every 5 weeks and weekly quizzes.



Highlights: Students will work with and model real world data and complete a linear functions project.

Regular Geometry I (43410R)

Grade Level: 10

Prerequisite: Algebra (taken in 9th grade)

Content: Geometry is a topic in mathematics concerned with questions of size, shape, the relative position of figures, and properties of space. Students will also learn about transformations and trigonometry.

Skills: Students will continue to use their algebra skills solving problems about line segments, angles, triangles, and quadrilaterals. Students will be able to use a compass and straightedge to do geometric constructions, and construct a proof of triangle congruence. Students will be able to use properties of segments, angles, and shapes to find missing measurements. Students should expect homework 2 times per week on average.

Highlights: Finding the height of Lake View High School using only a protractor and a trundle wheel.

Honors Geometry I (43410H)

Grade Level: 10

Prerequisite: Algebra (taken in 9th grade)

Content: Geometry is a topic in mathematics concerned with questions of size, shape, the relative position of figures, and properties of space. Students will also learn about transformations, trigonometry, and geometric proofs.

Skills: Students will be able to use properties of segments, angles, and shapes to find missing measurements and apply algebra to solve geometric problems. Students will be able to use a compass and straightedge to do geometric constructions. An emphasis will be placed on creating geometric proofs with logical mathematical arguments. Students should expect homework 4 times per week.

Highlights: Constructing a circle that fits perfectly inside any triangle using only a compass and straightedge.

Regular Advanced Algebra/ Trigonometry (43510R)

Grade Level: 11

Prerequisite: Geometry

Content: Advanced algebra and trigonometry are topics that cover linear relations, quadratic, polynomial and radical functions and relations, exponential and logarithmic functions, and trigonometric ratios.

Skills: Solving equations, solving inequalities, graphing, factoring, expanding polynomials, determining the discriminant, relating algebraic concepts to real-life situations, and utilizing graphing calculators to make algebraic computations.



Highlights: Barbie bungee project, ACT Prep, Consumer Ed unit, Desmos line design project.

Honors Advanced Algebra/ Trigonometry (43510H)

Grade Level: 11

Prerequisite: Geometry

Content: Advanced algebra and trigonometry cover the following topics: linear, quadratic, polynomial and radical functions and relations, exponential and logarithmic functions, and trigonometric ratios.

Skills: Solving equations, inequalities, absolute values, and radical equations, graphing, factoring, expanding polynomials, determining the discriminant, relating algebraic concepts to real-life situations, and utilizing graphing calculators to solve problems.

Highlights: Barbie bungee project, ACT Prep, Consumer Ed unit, Desmos line design project.

Prep College Algebra

Course Number: 458101R / 458102R

Grade Level: 12

Prerequisites: Algebra/Trig

Content: This course is designed to build confidence and encourage an appreciation of mathematics in students who are also interested in being prepared for College Math Placement exams. Topics will be similar to Pre Calculus.

Skills: Students should expect practice and mastery of the following types of functions: linear, quadratic, exponential, logarithmic, trigonometric, polynomial and rational. Use of graphing calculators and software will be included.

Highlights: Students should be working towards entrance into a college level math course so they will not need any remedial classes in college.

Honors Pre Calculus (46810H)

Grade Level: 11, 12

Prerequisite: and Algebra/Trig

Content: In Pre-Calculus, students will study advanced concepts in preparation for Calculus and/or other college level mathematics courses. Students should leave the course fluent in the manipulation of complex equations, understanding of mathematical relationships, and the ability to communicate and justify their thinking.

Skills: Solving equations, inequalities, absolute values, and radical equations, graphing, factoring, expanding polynomials, determining the discriminant, relating algebraic concepts to real-life situations, and utilizing graphing calculators to solve problems.



Highlights: Students should be working towards entrance into a college level math course so they will not need any remedial classes in college.

Dual-Credit Pre-Calculus (46821)

Grade Level: 11, 12

Prerequisite: Algebra/Trig

Score of 43 or above in the Algebra section of the COMPACT exam

GPA of 2.5 or above

Content: The students will get a deep understanding of the following relations and functions: linear, quadratic, polynomial, rational, exponential and logarithmic functions. They will study trigonometry extensively.

Skills: Solving equations and inequalities, graphing functions and relations, factoring and expanding polynomials, relating algebraic concepts to real-life situations, and utilizing graphing calculators to solve problems.

Highlights: Students will earn credits from Wright College for completing the course with a C average or better.

Financial Algebra (49420)

Grade Level: 11, 12

Prerequisite: Algebra

Content: Financial Algebra is designed to give students an opportunity to see where math intersects their lives. Students will learn about investing and managing their money through the stock market. Students will also learn how to wisely allocate their money on rent/ mortgage payments, insurance premiums, car payments, loans, and other practical situations. Students will also be introduced to taxation.

Skills: A heavy emphasis on fractions, percent, probability, and story problem analysis.

Highlights: Participating in course long stock market simulation game, creating your own budget based on a minimum wage salary, researching a home and car purchase along with mortgage interest rates and car insurance quotes, determining and simulating the expected outcome on games of chance.

AP Calculus AB (47410/13433)

Grade Level: 12

Prerequisite: Pre Calculus

Content: Concepts revolve around limits, derivatives, and integrals. The course starts off with a review of Pre Calculus. Limits are introduced, and the formal definition of the derivative is derived. Techniques of integration and differentiation are learned and applied to real world problems.



Skills: Solving equations, solving inequalities, graphing, factoring, expanding polynomials, relating algebraic concepts to real-life situations, and utilizing graphing calculators to make algebraic computations.

Highlights: Learning and preparing for college level math, earning college credit with sufficient mastery on the AP AB Calculus Exam in May, Desmos graphing utility.

Note: *All students enrolled in Advanced Placement classes are required to take the AP Exam.*

AP Statistics (47410)

Grade level: 11, 12

Content: Descriptive Statistics (mean, standard deviation, frequency), probabilities, probability distributions, binomial distribution, normal distribution, sampling distribution, statistical inference (estimation and statistical tests).

Skills: Interpret graphical displays of distributions, summarize distributions, compare distributions, collect data properly, explore data in two variables, and relate statistical concepts and probabilities to real-life situations. Essential practical skills include making inferences, estimating, and conducting statistical tests.

Highlights: AP Statistics test in the spring, Statistics will be a mandatory course in most majors in college.

Note: *All students enrolled in Advanced Placement classes are required to take the AP Exam.*



Music

Jazz Band (944101H/201H/301H)

Grade Level: 10th-12th

Prerequisite: Instructor Recommendation

Content: Jazz Band is a performance-based music class that focuses on the study of Jazz performance and improvisation. Students have opportunities to work and perform in large and small jazz groups.

Skills: Students in this class will be able to improvise and compose music, arrange music of their choosing, sight-read music, and prepare for high level performances.

Highlights: The students will perform in the Winter and Spring Concerts hosted at Lake View High School. Students will also have classroom experiences provided by our partnerships with the Ravinia Jazz Mentors and the Chicago Jazz Institute. Jazz Band also participates in the CPS Jazz Festival, a spring performance at Andy's Jazz Club, and a number of other public concerts throughout the year.

Beginning Band (938101R)

Grade Level: 9th and 10th

Prerequisite: None

Content: This class offers the band experience at the beginning level. No experience is necessary – only the will and desire to play an instrument. The instruments taught are flute, clarinet, saxophone, trumpet, trombone, tuba and percussion.

Skills: Students in this class will be able to perform on an instrument, sight-read music, compose and improvise music, and prepare for a high-quality performance.

Highlights: The students will perform in the Winter and Spring Concerts hosted at Lake View High School. Students will also have classroom experiences provided by our partnerships with the Chicago Symphony Orchestra and DePaul University.

Intermediate Band (948101R)

Grade Level: 10th – 12th

Prerequisite: Instructor Recommendation

Content: Students continue learning and practicing skills from Beginning Band. Students will also be introduced to more challenging and diverse musical literature.

Skills: Students in this class will be able to continue to study on an instrument, sight-read music, compose and improvise music, and prepare for a high-quality performance.

Highlights: The students will perform in the Winter and Spring Concerts hosted at Lake View High School. Students will also have classroom experiences provided by our partnerships with the Chicago Symphony Orchestra and DePaul University.



Advanced Band (958101H/201H/301H)

Grade Level: 10th – 12th

Prerequisite: Instructor Recommendation

Content: Advanced Band students will expand on concepts and skills from Intermediate Band. Our goal, through the use of a wide variety of music, is to assist the development of greater musical understanding in students with numerous concerts, contests and public performances that are required throughout the year. Students will perform in both large and small ensemble settings throughout the course of the year.

Skills: Students who take this class will be exposed to advanced levels of band music and instrument techniques, reading and writing of musical notation, as well as evaluation of musical performances.

Highlights: This course includes multiple performances, including a Winter and Spring Concert, CPS Solo and Ensemble Competition, and CPS Festivals and Competitions. All students will have the opportunity to experience the Chicago Symphony Orchestra in an open rehearsal as well as be exposed to performances from professional musicians as well as college students.

AP Music Theory (930101A)

Grade Level: 11th – 12th

Prerequisite: Instructor Recommendation

Content: The AP Music Theory is an advanced continuation of the performance classes (band and choir) with a strong emphasis on the major concepts of musical notation, analyzing music, oral/aural training, as well as sight-singing skills that will help prepare any student who is interested in pursuing music in college as well as any student who enjoys music and wishes to learn more about what it means to be a well-rounded musician. The successful student will gain the skills necessary to function intelligently in any musical situation. The course requires current enrollment in band or choir and teacher recommendation. Other students with experience in music will also be considered through recommendation only.

Skills: Students who take this course will be able to have a greater understanding of developing listening skills, sight-singing, and knowledge of topics including keys, scales, intervals, chords, harmonic progressions and musical analysis. Students will gain a trained ear as well as singing abilities that prove to increase the level of any musician.

Highlights: Students selected for this class will experience a college-level course with great emphasis in learning the background theory of music and its many rules. Once the content has been learned, students will have the skills to correctly compose or arrange their own music, a skill that takes a great amount of knowledge in musical theory.

Note: All students enrolled in Advanced Placement classes are required to take the AP Exam.



General Music (95510)

Grade Level: 11, 12

Prerequisite: None

Content: General Music gives students a greater understanding of the inner workings and elements that make up all music regardless of style or genre. Students will achieve a greater understanding of our musical past and present through exploration of major composers and musical artists and their respective works and time periods.

Skills: Students who take this class will develop critical listening skills, knowledge of the terminology and usage of the various elements that make up music. A portion of the class will be devoted to keyboard skills and musical theory.

Highlights: Students will be able to transition to private or group piano study and will have a greater understanding of the basics that go into performing on that instrument. Student will also go into extensive detail about the most popular major artists and composers throughout history and develop the ability to critically listen to any piece of music with a greater understanding of the work. The first part of the class is devoted to the elements of music, the second part, keyboard skills and music theory and the final third is devoted to the history of music.



Physical Education

Physical Education I / Health (99010)

Grade Level: Freshmen

Prerequisite: None

Students will be exposed to a variety of individual and team sport activities. Students will learn rules and fundamentals, with an emphasis on teamwork and good sportsmanship. Through physical education students can begin to develop a healthy lifestyle that will benefit their bodies, spirit and minds. These activities can help students become healthy, successful citizens. The Health component will cover the individual as a whole, including mental/emotional, social and physical well-being. Students will be given the tools to make responsible choices that will have a positive effect on their health. Risk behaviors will be identified to empower the students to make the necessary changes to live a healthy life.

Physical Education II / Driver's Education (99020)

Grade Level: Sophomore

Prerequisite: None

Physical Education 2 is designed to promote life-long leisure activities by exposing students to a variety of team and individual sports such as: Badminton, Volleyball, Basketball, and Team Dodge ball. There is an emphasis on skill development, social teamwork and fitness evaluations that will empower students the knowledge and understanding for various life-long activities. Students will demonstrate the ability to perform basic and advanced skills and tactics to participate in various sporting activities. Drivers Education will cover the following key concepts: Traffic Laws and Regulations, The Affects of Alcohol/Drugs & Fatigue on Driving, Safety Belt & Restraint Usage, Proper Vehicle Speed and Directional Control, Construction Zone Safety, Aggressive Driving & Road Rage.

Personal Fitness/Wellness (99420)

Grade Level: Junior, Senior

Prerequisite: None

In the Fitness and Wellness course, students will acquire knowledge of the benefits and principles of fitness, learn and apply self-management skills, and become physically active and build their fitness level. Our goal is to develop an independent decision maker capable of planning and implementing their own personal fitness program.

Advanced Weightlifting (98410)

Grade Level: Junior, Senior

Prerequisite: None

Muscular development, strength, flexibility, conditioning and proper nutrition will be the focus of this course. Basic weightlifting theory and techniques will be covered. Students will be required to participate in a comprehensive workout program and eventually develop their own.

Advanced Weightlifting II (98420)



Grade Level: Senior

Prerequisite: Advanced Weightlifting I

Emphasis will be on goal specific training programs; i.e. athletic improvement, bodybuilding, competition, etc. Includes aerobic conditioning and speed training.



Science

Prep. Biology

Grade Level: 9th Grade

Biology is the study of life. In Biology it is important to attempt to understand life's processes on a chemical and cellular basis as well as on a larger scale. This course is aimed at introducing basic biological principles to students. Our study encompasses examining those general characteristics that are shared by all living things. These include chemical makeup, genetics and heredity, structure and function (cells), energy, interactions of living things with their environment, relatedness among living things, and adaptations for survival among living things.

Honors Biology (33210R)

Grade Level: 9

Prerequisite: None

Description: Biology is the study of life and living organism's processes. It is designed for students who are developing their problem-solving and analytical skills. Students taking Biology will regularly experience hands-on, inquiry-based learning opportunities.

Skills: Students will be able to develop critical thinking skills which includes asking higher level questions, analyzing diagrams and models, planning out investigations and analyzing a wide range of data. Students will use scientific thinking, laboratory techniques, and an understanding of the fundamental principles of living organisms. Big Ideas such as structure, function and information processing, matter and energy in organisms and ecosystems, inheritance and variation of traits, natural selection and evolution will be covered in this class.

Prep. Chemistry

Grade level: 10th grade

Prerequisite: None

Chemistry is a standard introductory course into the scientific study of the properties of matter and the changes that matter undergoes during reactions. This course is designed for students who are developing their problem-solving and analytic skills. Students taking Preparatory Chemistry will regularly experience hands-on, inquiry-based learning opportunities. Students will engage in the Science and Engineering Practices as outlined in A Framework for K-12 Science Education and the Next Generation Science Standards to learn about essential Big Ideas such as structure and properties of matter and chemical reactions. Students in Preparatory Chemistry can expect to cover one learning objective per week and have homework two to three times per week.

Honors Chemistry

Grade level: 10th grade

Prerequisites: None

Chemistry is a standard introductory course into the scientific study of the properties of matter and the changes that matter undergoes during reactions. This course is designed for students who are



developing their problem-solving and analytic skills. Students taking Chemistry will regularly experience hands-on, inquiry-based learning opportunities. Students will engage in the Science and Engineering Practices as outlined in A Framework for K-12 Science Education and the Next Generation Science Standards to learn about essential Big Ideas such as structure and properties of matter and chemical reactions. In Honors Chemistry, students will be expected to engage in more advanced problem solving and extend their learning to science projects outside of the classroom. Students in Honors Chemistry can expect to cover two learning objectives per week and have homework four to five times per week.

AP Chemistry**Grade level: 11th - 12th grade****Prerequisite: Prep or Honors Chemistry****Additional commitments: After school and Saturday tutoring**

The key concepts and related content that define the AP Chemistry course and exam are organized around six underlying principles. These six big ideas are spread over the board topics of the structure of matter, properties of matter, and changes to matter. The course is designed to develop student's advanced inquiry and reasoning skills, such as designing a plan for collecting data, analyzing data, applying mathematical routines, and connecting concepts in and across domains. Students will spend more time in the lab than previous courses conducting investigations and writing lab reports. Students should expect to cover two to three learning objectives per week and spend one hour to two hours studying outside of class for each hour spent in class. Students should also expect to attend after school and Saturday tutoring sessions as often as possible.

Note: All students enrolled in Advanced Placement classes are required to take the AP Exam.

Prep. Physics**Grade level – 11****Prerequisites – None, but Algebra is co-requisite course.**

Preparatory Physics is a standard introductory course into the scientific study of motion, forces, waves, electromagnetism and energy. The course is designed for students who are developing their problem-solving and analytical skills. Students taking Physics will regularly experience hands-on, inquiry-based learning opportunities.

Skill – Students will be able to: Use mathematical and computational thinking skills to interpret and translate physical concepts from one form to another as written descriptions, graphs, equations, and vector maps. Construct and design solutions to physics problems. Independently research and present Physics related topics. **Projects –** Students will construct bridges, pinewood derby cars, and windmills.

Honors Physics**Grade level – 11****Prerequisites – None, but Algebra is co-requisite course.**

Honors Physics is a standard introductory course into the scientific study of motion, forces, waves, electromagnetism and energy. The course is designed for students who are developing their problem-solving and analytical skills. Students taking Physics will regularly experience hands-on, inquiry-based learning opportunities. Students will be expected to engage in more advanced problem solving and



extend their learning to science projects outside of the classroom and participate in Science Fair. Successful completion of Honors Physics will prepare students for AP and college coursework.

Skill – Students will be able to: Use mathematical and computational thinking skills to interpret and translate physical concepts from one form to another as written descriptions, graphs, equations, and vector maps; construct and design solutions to physics problems; conduct and present independent science experiments. **Projects** – Students will construct bridges, pinewood derby cars, and windmills.

AP Physics 1

Grade level: 11th-12th grade

Additional commitments: After School tutoring

AP Physics 1 is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics; work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry based learning, students will develop scientific critical thinking and reasoning skills. The course requires that 25 percent of the instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry based investigations that provide students with opportunities to apply the science practices. All students are expected to take the AP exam in May. Students should expect to spend one hour daily outside the class to complete homework and other course related assignments.

***Note:** All students enrolled in Advanced Placement classes are required to take the AP Exam.*

Astronomy

Grade level: 10, 11, 12

Prerequisites: None

Astronomy is the study of celestial objects, space, and the physical universe as a whole. In this class students will learn about potential existence of alien civilizations and their impact on Human development on Earth; alternative theories of evolution; unexplainable phenomena in space; potential life outside planet Earth; discoveries of new planets near other stars; terraforming of Mars into Earth like planet for human colonization; dangers from space like comets, asteroids, radiation; possibility of existence of particles traveling faster than light, Dark Energy, Dark Matter, theory of Parallel Universes, bending of Space-Time; and many other interesting things. Astronomy class will incorporate reading and analyzing Greek Mythology, scientific articles; designing, building and using astronomical instruments like telescopes or star-finders; building models of planets and radio-telescopes; watching scientific movies, etc. Students will attend observing sessions (Dobsonian Telescope) of the Sun, Moon and possibly planets.

AP Biology (37210)

Grade Level: 10-12

Prerequisite: Grade B or higher in general biology and grade B or higher in general chemistry.

AP Biology is a course designed for students that have a strong interest in, or desire to pursue a career in the sciences. AP is the equivalent of a two-semester college introductory course usually taken by biology majors their first year. Success in this course will depend on study skills, reading and writing abilities,



motivation and maturity. AP BIOLOGY differs significantly from the usual first high school course in biology with respect to the kind of textbook used, range and depth of topics covered, laboratory work done by students, and time and effort required of the students especially outside the classroom. Students accepting the challenge of an Advanced Placement course will require a daily commitment in order to meet the pace of this course. Laboratory activities suggested by the College Board are conducted to give the student a fair representation of a university-level Biology course.

Note: All students enrolled in Advanced Placement classes are required to take the AP Exam.

Dual Credit Biology (33621)

Grade Level: 11-12

Prerequisite: Biology and Chemistry

The Dual Credit Biology program is a partnership with the City Colleges of Chicago that provides high school students with the opportunity to earn both high school science credit toward graduation and college credit at no cost to the student. Dual Credit Biology is a course that is designed to provide a complete first-year college biology experience, both conceptually and in the laboratory. Students will build on the concepts and applications learned in their introductory biology course and probe deeper into these topics.

Highlights: This is a 5 credit hour college course.

Honors Biotechnology (39510H)

Grade level: 11 - 12

Prerequisite: Biology

Biotechnology is a lab based course where students explore the potential and peril associated with the ability of scientists to remove and manipulate DNA (genes) or to transfer DNA (genes) from one organism to another. The lab experiences require use of analysis of data sets and the technologies of DNA Science such as Gel Electrophoresis Boxes, Power Supplies, Micropipettors, Camera's engineered to photograph DNA Gels, PCR (The Polymerase Chain Reaction) Machines and Internet Research gathered from Bioinformatic Data Bases and the Protein Data Bank and website activities. Scientific modeling, case study analysis, scenarios and problem based learning are an integral part of the course. Student engagements are mainly collaborative and require the use of current, timely resources such as scientific journals, newspaper articles, news journal articles, and web sites dedicated to DNA Science.

Honors Anatomy & Physiology

Grade level: 11th and 12th

Prerequisites: C or better in biology AND currently/ passed chemistry

Description: Anatomy and Physiology is intended for those interested in science/medical-related fields. The course is a discussion and laboratory based study of the human body. Students will be investigating structural components and location of the human body, the functions of these structures, and the effects of changes to these functions as a result of damage and disease. Furthermore, students will discover how such diseases can be prevented and controlled by introducing medical terminology, diagnostic tools, and current research. Students will engage in lab work, hands-on activities, research projects, presentations and possible fieldwork.



Social Studies

United States History

Grade level-9th

Prerequisites: None

Additional commitments - Freshman FX tutoring

Content - The freshman United States history course is designed to give students a proper foundation of reading and writing skills. In addition to these skills, students will learn about the major topics of American history as well. Some of these include the Constitution, Civil War, WWI, WWII, Great Depression, Cold War, and Civil Rights.

Skills - Students will be able to write a quality thesis and support their arguments with evidence. Students will read and analyze complex texts.

Highlights - Students will participate in many hands on projects that will test their creativity and skills. Students will create and deliver their own PSA message. They will fulfill a graduation requirement by taking and passing the constitution exam.

World Studies

Grade Level- 10th

Prerequisites: None

Content: This course will focus student learning on the people, ideas, and forces that have shaped our world. It will allow students to appreciate the rich cultures that exist across the world. Thematic investigations will build understanding of cultural, social, economic, political and technological patterns that mark human history.

Skills: Students will be able to critically analyze documents and write essays. In addition, daily participation and class discussion is required.

Highlights: Students will participate in various hands on projects such as the History Fair and Socratic seminars.

H. Economics

Grade level: 11th & 12th

Prerequisites: None

Content: In Honors Economics, students will study both microeconomics and macroeconomics topics including: scarcity, self-interest, opportunity cost, capitalism, communism, supply & demand, the stock market and economic variables that affect countries, governments and societies.

Skills: Students will be able to critically analyze theories and data in economics and apply it to their own life, family and community. Students will be reading from three college level books: "Naked Economics"



by Charles Wheelan and “Freakonomics” and “Superfreakonomics” by Stephen Dubner and Steven Levitt. Daily participation and class discussion is required.

Highlights: Students will participate in various hands on activities and Socratic seminars.

Psychology

Grade Level: 11th, 12th

Prerequisites: None

Content: The psychology course is designed to serve as an introduction to the study of psychological concepts. The following domains will be addressed: history and approaches, research methods, biological bases of behavior, sensation and perception, states of consciousness, learning, cognition, motivation and emotion, developmental psychology, personality, testing and individual differences, abnormal behavior, treatment of abnormal behavior and social psychology.

Skills: Students will be able to critically analyze case studies, experiments and readings. In addition, daily participation and class discussion is required.

Highlights: Students will participate in various hands on projects and Socratic seminars.

Civics

Grade Level: 11th, 12th

Prerequisites: None

Additional Commitments- 20 Civic Engagement Hours Required (organize voter drive, volunteer on political campaigns, raise civic awareness regarding issues important to students)

Content: Civics examines the structure and function of American government and the role of citizens in the political process. This course explores the crucial role that citizens have in accessing power and mediating the forms of power that government and corporations have in American society.

Skills: Students will participate in the democratic process in order to build a strong sense of civic identity. They will read books and other complex texts about the nature of government while exploring their role in American society.

Highlights: Students have the exciting opportunity to participate in the city-wide Project Soapbox competition where students deliver a speech on a topic of their choice. Students also collaborate with other students throughout the city to lead voter registration drives and participate in political campaigns. Civically engaged students will also design a project to carry out in order to improve their community.



AP World History

Grade Level -10th

Prerequisites: None

Additional Commitments- Significant amounts of reading, annotation, and writing.

Content: Using a thematic approach, the course highlights historical changes in international framework, their causes and consequences, as well as comparisons among major societies. The course emphasizes relevant factual knowledge used with leading interpretive issues, types of historical evidence, and appropriate analytical skills.

Skills: Critically analyze documents, write essays, read and annotate texts.

Highlights: AP exam in May. With a qualifying score, students can earn college credit.

Note: All students enrolled in Advanced Placement classes are required to take the AP Exam.

AP US History

Grade Level: 11th, 12th

Prerequisites: None

Additional commitments – Rigorous reading and writing commitments.

Content: American History: Pre-Columbian era to Obama presidency

Skills: Students will focus on the development of historical thinking skills and understanding of content learning objectives focusing on seven themes such as peopling, identity, and America in the world. Students will also learn to read and write at a college level by analyzing complex texts and critically writing about historical content.

Highlights: Students will train all year in order to take the AP US history in May. With a passing score, students can earn college credit.

Note: All students enrolled in Advanced Placement classes are required to take the AP Exam.



AP Psychology

Grade Level: 11th, 12th

Prerequisites: None

Content: AP Psychology is an intense & fascinating course taught at a university level. Students will master the content needed to pass the College Board Exam and earn college credit. The following content will be addressed: history and approaches, research methods, biological bases of behavior, sensation and perception, states of consciousness, learning, cognition, motivation and emotion, developmental psychology, personality, testing and individual differences, abnormal behavior, treatment of abnormal behavior and social psychology.

Skills: Students will read texts such as case studies, experiments, books, and journal articles. Students will think critically about the field of psychology. Students will respond in written format to high-level essay questions.

Highlights: Students will participate in Socratic Seminars. They will be exposed to college level material and take the AP Exam in May.

Note: *All students enrolled in Advanced Placement classes are required to take the AP Exam.*



World Languages

Reg Spanish I

Grade Level: 9th, 10th, and 11th

Prerequisites: None

- **Content**
 - Students at this novice level are introduced to fundamental Spanish language topics and concepts.
 - Key feature is the exploration of the diverse and rich Spanish-speaking world.
 - Course expands on key grammatical points including present tense.
- **Skill**
 - Students will be able to develop their reading, writing, listening and speaking skills
- **Highlights**
 - Read and answer questions on selected literature to sharpen comprehension skills.
 - Explore Mexico and Puerto Rico in depth: history, geography, places, artists, current events and art.

Additional commitments: All students are expected to use Spanish in every aspect of language learning.

Reg Spanish II

Grade Level: 10th, 11th, and 12th

Prerequisites: Spanish I

- **Content**
 - Students at this novice high to intermediate level review and master fundamental Spanish language topics and concepts.
 - Key feature is the exploration of the diverse and rich Spanish-speaking world.
 - Course expands on key grammatical points including present tense and introduction to the past tense.
- **Skill**
 - Students will be able to develop and enhance their conversation skills in the target language.
- **Highlights**
 - Reading and creative writing skills in Spanish.
 - Explore Argentina in depth: history, geography, places, artists, current events and art.

Additional commitments: All students are expected to use Spanish in every aspect of language learning.

Hon Spanish III

Grade Level: 11th and 12th

Prerequisites: Spanish II

- **Content**
 - Emphasis is on oral reproduction and pronunciation.
 - Key feature is the exploration of the diverse and rich Spanish-speaking world.



- Course expands on key grammatical points including past tense, perfect tense and subjunctive mood.
- **Skill**
 - Students will be able to develop their reading, writing, listening and speaking skills
- **Highlights**
 - Read and answer questions on selected literature to sharpen comprehension skills.

Additional commitments: This course is taught predominantly in Spanish and all students are expected to use Spanish in every aspect of language learning.

Advanced Placement Spanish Language and Culture

Grade Level: 11th and 12th

Prerequisites: Spanish Speaking II or teacher recommendation

- **Content**
 - The AP course provides students with opportunities to demonstrate their proficiency in each of the three modes: interpersonal, interpretive, and presentational.
 - The AP Spanish Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts.
 - This course will cover six themes:
 - Beauty and Aesthetics
 - Global Challenges
 - Science and Technology
 - Families and Communities
 - Personal and Public Identities
 - Contemporary Life
- **Skill**
 - Students will be able to
 - use integrated skills to read, talk, and write about content in authentic resources.
 - develop oral communication skills and to give them the confidence to use those skills in real-life situations.
- **Highlights**
 - Students may earn college credit with an AP score of a 3 or above.

Additional commitments: The course is conducted exclusively in the target language, Spanish.

Note: All students enrolled in Advanced Placement classes are required to take the AP Exam.



Advanced Placement Spanish Literature and Culture

Grade Level 11th and 12th

Prerequisites: Spanish Speaking II or teacher recommendation.

- **Content**

- This AP Spanish literature course offers the student, the opportunity to have a complete vision of Spanish literature from the medieval age, to our modern times.
- This course will cover six themes:
 - Las sociedades en contacto
 - La construcción del género
 - El tiempo y el espacio
 - La creación literaria
 - Las relaciones interpersonales
 - La dualidad del ser

- **Skill**

- Students will be able to:
 - respond to sets of questions based on literary readings representing a variety of genres, periods, and places in the Spanish-speaking world.
 - write short responses: text explanations, and text & art comparison

- **Highlights**

- Students may earn college credit with an AP score of a 3 or above.

Additional commitments: The course is conducted exclusively in the target language, Spanish.

Note: All students enrolled in Advanced Placement classes are required to take the AP Exam.

Reg Spanish for Spanish Speakers I

Grade Level: 9th, 10th and 11th

Prerequisites: Entrance Exam

- **Content**

- This course is a language arts class that promotes language acquisition, proficiency and exposure to authentic cultural settings in the target language. Students are not required to be fluent in writing or reading the language; however, they must be able to speak and understand the target language. Emphasis is given to interpersonal speaking and writing experiences through contexts, presentations, literary works and grammar study. This is the introductory level course of Spanish for Spanish Speakers in preparation for college level Spanish or AP Spanish Language and Culture.

- **Highlights**

- Introduction to literature and creative writing in Spanish.
- Explore Latin American Countries in depth: history, geography, places, artists, current events and art.
- Course unit topics:
 - Family & community
 - Our pre hispanic ancestors
 - Latinos in the US
 - Latin America & the environment



Reg Spanish for Spanish Speakers II

Grade Level: 9th, 10th, 11th, and 12th

Prerequisites: Spanish I or entrance exam

- **Content**

- This course is the 2nd level to Spanish for Spanish Speakers and continues to be a language arts class that promotes language acquisition, proficiency and exposure to authentic cultural settings in the target language. Students should have an academic foundation in the target language following the level 1 of this course. Emphasis is given to interpersonal speaking and writing experiences through contexts, presentations, literary works and grammar study. This is the course in preparation for AP Spanish Language and Culture.

- **Highlights**

- Introduction to literature and creative writing in Spanish.
- Explore Latin American Countries in depth: history, geography, places, artists, current events and art.
- Course unit topics:
 - College, career, and my future
 - Our Health and Life
 - Contemporary Literature and Current Events
 - Latin American Art

Reg French I

Grade Level: 9th, 10th, and 11th

Prerequisites: None

- **Content**

- Students at this novice level are introduced to fundamental French language topics and concepts.
- Key feature is the exploration of French speaking countries.
- Course expands on key grammatical points including present tense.

- **Skill**

- Students will be able to develop their reading, writing, listening and speaking skills.

- **Highlights**

- Read and answer questions on selected literature to sharpen comprehension skills.

Reg French II

Grade Level: 9th, 10th, 11th, 12th

Prerequisites: French I; teacher or principal approval

- **Content:** French II focuses on continuing the study of French and building novice high/intermediate low proficiency in the language. Students in French II begin to master fundamental French language topics and concepts through the exploration of diverse Francophone cultures.



- Students at this high novice to intermediate level review and master fundamental French language topics and concepts.
- Key feature is the exploration of the diverse and rich French Speaking countries.
- Course expands on key grammatical points including present tense and introduction to the past tense.
- **Skill**
 - Students will be able to develop and enhance their conversation skills in the target language, French.
- **Highlights**
 - Improve reading, literacy, and creative writing skills in French.

Hon French III

Grade Level: 11th and 12th

Prerequisites: French II

- **Content:** French III focuses on continuing the study of French and building strong intermediate proficiency in the language. Students in French III continue to utilize mastered skills and acquire new ones to narrate stories and events using strings of complex sentences and multiple time frames.
 - Emphasis is on oral reproduction and pronunciation
 - Key feature is the exploration of the diverse and rich French-speaking world
 - Course expands on key grammatical points including past tense (*passé composé*), imperfect tense (*l'imparfait*) and subjunctive mood
- **Skill**
 - Students will develop their reading, writing, listening, and speaking skills
- **Highlights**
 - Read and answer questions on selected literature to sharpen comprehension skills

Advanced Placement French Language and Culture

Grade Level: 12th

Prerequisites: Honors French III; teacher and/or principal recommendation

- **Content**
 - AP French Language and Culture provides students with opportunities to demonstrate their proficiency in each of the three modes of communication: interpersonal, interpretive, and presentational.
 - AP French Language and Culture engages students in an exploration of Francophone culture in both contemporary and historical contexts.
 - This course will cover six themes:
 - Beauty and Aesthetics
 - Global Challenges
 - Science and Technology
 - Families and Communities
 - Personal and Public Identities
 - Contemporary Life



- **Skills**
 - Students will be able to
 - use integrated skills to read, talk, and write about content in authentic resources.
 - develop oral communication skills and to give them the confidence to use those skills in real-life situations
- **Highlights**
 - Students may earn college credit with an AP score of a 3 or above.
 - The course is conducted exclusively in French.

Note: *All students enrolled in Advanced Placement classes are required to take the AP Exam.*



JROTC

JROTC-A Ldr Ed Trn I & Hlth

Grade Level: 9

Junior Reserve Officer Training Corps (JROTC) is a leadership education program. This program will help students build a strong knowledge base of self-discovery and leadership skills applicable to many leadership and managerial situations. Mastery of these standards through project-based learning, service learning and leadership development activities will prepare students for 21st Century leadership responsibilities. This laboratory course is designed to introduce students to the history, customs, traditions and purpose of the Army JROTC program. It teaches students strategies to maximize their potential for success through learning and self-management. Basic leadership skills to include leadership principles, values and attributes and communications skills are integrated throughout the course. High schools students develop an understanding of learning style preferences, multiple intelligences, emotional intelligence and study skills. These self-assessments will enable students to be self-directed learners. The JROTC curriculum is enhanced through physical fitness activities, extracurricular and co-curricular activities that support the core employability skills standards and McRel academic standards.

JROTC-A Ldr Ed Trn II

Grade Level: 10

Prerequisites: Completion of JROTC-A Ldr Ed Trn I & Hlth

This laboratory course is designed to build on the self-discovery skills sets taught in JROTC 1. As self-directed learners, students study the fundamentals citizenship skills, the foundation of the American political system and our Constitution. Personal responsibility and wellness is reinforced by diet, nutrition and physical fitness activities. Drug and alcohol awareness and prevention are reinforced. Students are placed in leadership roles that enable them to demonstrate an understanding of basic leadership principles, values and attributes. The Junior ROTC curriculum is enhanced through physical fitness activities, extracurricular and co-curricular activities that support the core employability skills standards and McRel academic standards.

JROTC-A Ldr Ed Trn III

Grade Level: 11

Prerequisites: Completion of JROTC-A Ldr Ed Trn II

This laboratory course is designed to build on the leadership experiences developed during JROTC Army 1 and 2. Basic command and staff principles are introduced and include an overview of organizational roles and responsibilities. Leadership strategies, managing conflict, leading others, planning and communications skills are evaluated to improve organizational effectiveness. Career planning is investigated. The Junior ROTC curriculum is enhanced through physical fitness activities, extracurricular and co-curricular activities that support the core employability skills standards and McRel academic standards.

JROTC-A Ldr Ed Trn IV

Grade Level: 12

Prerequisites: Completion of JROTC-A Ldr Ed Trn III

Junior Reserve Officer Training Corps (JROTC) is a leadership education program. This program will help students build a strong knowledge base of self-discovery and leadership skills applicable to many leadership and managerial situations. Mastery of these standards through project-based learning, service learning and leadership development activities will prepare students for 21st Century leadership responsibilities. This



laboratory course is designed build on the leadership skills developed in JROTC 3. Students develop an indepth understanding of the branches of military service. Intermediate leadership skills to include leadership principles, values and attributes and communications skills are integrated throughout the course. Financial planning skills are studied through the National Endowment for Financial Education. Fundamental teaching skills are introduced. The JROTC curriculum is enhanced through physical fitness activities, extracurricular and co-curricular activities that support the core employability skills standards and McRel academic standards.



Specialized Services

Occupational Prep

Occupational Prep is a course that focuses on post-secondary outcomes (employment, education and/or training, and independent living skills) and the prerequisite skills that are needed to be most successful and as independent as possible in those domains. This course is designed for diverse learners who have goals related to these transition focus areas. The first year focus of the Occupational sequence is to touch on a wide variety of soft skills and introduce many secondary opportunities to students.