

Upper School 2015-16 Courses

COURSE SELECTION NUMBERS FOLLOW EACH COURSE NAME

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History/Social Science

History 7 - 40710

History 7 covers the time period from 1200 through the Gold Rush, with special attention given to the Revolutionary War and the Founding Fathers. Geography will be tied into the historical time period, making the information more relevant and building understanding of the world.

History 8 – 40810

History 8 covers the era of modern history, including material from the American Civil War through the late 20th century, with an emphasis on American history and the major wars. Geography will be tied into the historical time period, making the information more relevant and building understanding of the world.

Foundations in Western Civilization I (9th grade) - 40911

This course is an in-depth study of Europe during ancient times and the Middle Ages. Course content focuses on ancient Greece and Rome, and progresses through major events, personages and institutions of Europe in the High Middle Ages. The goal of West Civ I is for students to understand how Europe and the West laid the foundation for the Modern Era. Emphasis will be placed on economic, social, and political forces within society, and how factors such as geography, religion, disease, governments, war, etc. impacted the Western world. While much of the curriculum is taken from the textbook, students will also work frequently with primary sources from influential writers, artists, politicians, and philosophers who lived during the time periods under study.

Foundations in Western Civilization II (10th grade) - 40912

This course is an in-depth study of Western civilization from the early Modern Era into post-war 20th Century. The goal of West Civ II is for students to understand the influence European society had on the development of the Modern world. Emphasis will be placed on economic, social, and political forces within society, and how factors such as industrialism, imperialism, world wars, and political theories impacted society in the West and around the world. While much of the curriculum is taken from the textbook, students will also work frequently with primary sources from influential writers, artists, politicians, and philosophers who lived during the time periods under study.

United States History (11th grade) - 41100

This course will survey American History from the Colonial Era to the Modern Era. Analysis of original source documents will be used to examine the cultural, political, economic, social, and diplomatic history of America. History themes are analytically discussed, developing generalizations based on historical fact, in order to interpret and apply history. At the rhetoric stage of the trivium, the skills necessary to arrive at conclusions on the basis of informed judgment are continuously developed. Furthermore it is taught to articulate reasons and evidence, clearly and persuasively, in spoken and written forms.

AP United States History (11th grade) - 41110

Prerequisite: Grade of B or better in previous History class.

AP US History takes an in-depth look at the uniqueness of American history and culture. It is taught on a college level using college texts. It deals critically with the problems and materials in US history; and develops the skills necessary to arrive at conclusions on the basis of an informed judgment in order to present reasons and evidence clearly and persuasively.

Honors Government (12th grade) - 41112

This course will deepen understanding and appreciation of the institutions of American government. It includes a thorough examination of the history and changing interpretations of the Constitution, Bill of Rights, and the current state of the Legislative, Executive, and Judiciary branches of US government. Emphasis will be placed on increasing civic literacy as preparation for voting and participation as adults in American society becomes eminent.

Honors Economics (12th grade) - 41113

This course explores the major components of our economic system. It includes analysis of the roles individuals, public and private organizations, and government play in our economy. Additionally, it is designed to develop various life-skills in areas of education, employment, and personal finance, all of which are crucial for personal and professional success in American society today.

English

English 7 - 10710

English 7 is a course that emphasizes literary analysis and writing. The content of the course focuses upon the study of various classical titles whose plots revolve around the time period of 1600-1850. The integration of novels relevant to seventh grade historical studies will further enhance analytic and critical thinking skills as connections are made to themes evident throughout past and present history. The course involves "close reading" of literature, grammar work, vocabulary building, sentence diagramming, extensive weekly reading assignments, and formal essay writing. This course will develop essential literary conventions including plot analysis, character development, and evaluation of major literary themes. This course will also develop foundations for essential writing conventions including MLA formatting, organization, and style.

English 8 - 10810

English 8 is a course that emphasizes literary analysis and both expository and persuasive writing. The content of the course focuses upon the study of various classical titles whose plots revolve around the time period of 1850-Modern Day. The integration of novels relevant to the eighth grade historical studies will further enhance the analytic and critical thinking skills as connection are made to themes evident throughout past and present history. The course involves "close reading" of literature, grammar, sentence diagramming, extensive weekly reading assignments, and formal expository and persuasive essays. This course will develop essential literary conventions including plot analysis, character development, and evaluation of major literary themes. This course will also develop essential writing conventions including MLA formatting, organization, and style.

Classical Literature (9th grade) – 11320

Classical Literature is a course that emphasizes literary analysis and narrative, persuasive and comparative writing. This course is an introduction to higher-level English with an emphasis on Ancient myths in Greek and Roman literature through Medieval Times which coincides with the timeline of the Western Civilization I course. The course focuses on Classical literary works that highlight various themes, structural elements, and cultural references. "Close readings" will take place where facts and details are observed in order to enhance understanding of the literature.

British Lit & Composition (10th grade) – 11030

British Literature and Composition is a continuation of higher-level English with an emphasis on British works which coincide with the timeline of the Western Civilization II course. The course will examine the history and development of the English language. Literary analysis, comparison, persuasive, writings are used to highlight various themes, structural elements, and cultural references. "Close readings" will take place where facts and details are observed in order to enhance understanding of the literature.

American Lit & Composition (11th grade) – 11130

American Literature and Composition utilizes novels, short stories, plays, and poetry from the seventeenth century to the twentieth century. The literature is studied in conjunction with the historical time period the U.S. History course. The writing focuses on argument and literary analysis. "Close readings" of the literature and Socratic discussions are used to gain a deeper understanding and appreciation of the authors, their works, and their messages.

AP English Language and Composition (11th grade) - 11110

Prerequisite: Grade of B or better in previous English course, **Instructor Approval**, and completion of summer assignment.

AP English Language and Composition covers American Literature from the seventeenth century to the twentieth century using novels, short stories, non-fiction essays, plays, and poetry. The literature is studied in conjunction with the historical time period covered in AP US History and devotes much of the year to analyzing AP level non-fiction passages. The writing is based upon formulating an argument, analyzing rhetorical strategies, and synthesizing information. "Close readings" of the literature and Socratic discussions are used to gain a deeper understanding and appreciation of the authors, their works, their message, and their writing style.

Modern Lit & Composition (12th grade) - 11020

Modern Literature and Composition covers novels, plays, and poetry from the nineteenth century to the twentieth century. "Close readings" of the literature will be used in order to gain a deeper understanding and appreciation of the authors, their works and their messages. The writing focuses on persuasion and literary analysis. Engagement in Socratic discussions regarding arguable, thought-provoking questions will lead to further inquiry to discover the deeper meaning of each unit.

AP English Literature and Composition (12th grade) - 11210

Prerequisite: Grade of B or better in previous English course, **Instructor Approval**, and completion of summer assignment.

AP English Literature and Composition covers Modern Literature from the nineteenth century to the present century using novels, plays, and poetry. This course focuses on AP-level passage analysis. The writing is based upon analyzing literary elements in both prose and poetry to produce thoughtful arguments about the author's purpose in context of a given time period. "Close readings" of the literature and Socratic discussions are used to gain a deeper understanding and appreciation of the authors, their works, their message, and their writing style.

Mathematics

Pre-Algebra (not counted for high school math credit) - 20810

This is a challenging course designed to set the road to success in Algebra I. Topics explored will include algebraic expressions, integers, equations, decimals, fractions, ratios, proportions, percentages, area, volume, and probability. Critical-thinking and problem-solving skills will be developed and well-established during this course.

Algebra I – 20900 (for 7th and 8th grade); 20910 (for high school)

Prerequisite: Algebra Readiness Assessment (passing score)

Symbolic reasoning and calculations with symbols are central in algebra. Algebra I develops an understanding of the symbolic language of mathematics and the sciences. In addition, algebraic skills and concepts are developed and used in a wide variety of problem-solving situations.

Geometry - 21020

Prerequisite: Successful completion of Algebra I and passing score on Algebra exit exam (or approval from Geometry teacher).

This course will develop essential mathematical skills including: the language of plane geometry, angles, polygons and polyhedrons, transformations, triangles and inequalities, congruent triangles, parallel lines, properties of quadrilaterals, perimeter and area, similarity, similar triangles, right triangles, circles, area and volume of polyhedrons, and introduction to trigonometry. In addition to learning these skills and concepts, the ability to construct formal, logical arguments and proofs in geometric settings will be crucial.

Algebra II - 21010

Prerequisite: Successful completion of Geometry and passing score on Algebra exit exam (or approval from Algebra II teacher).

This course will develop essential mathematical skills in the following areas: properties of numbers, operations on numbers and order of operations, linear equations and inequalities, graphs of inequalities, absolute value equations and problem solving, variation linear equations, graphs of linear equations in two and three variables, systems of inequalities, polynomials and factoring quadratic equations, solving rational expressions and equations with imaginary and complex numbers with graphing, conic functions with graphing, and exponential, trigonometric and logarithmic functions.

Discrete Mathematics (or Modern Mathematics) - 21040

Prerequisite: Successful completion of Algebra I and Geometry. *Open to 11th and 12th graders only.*

Discrete mathematics is the exploration of contemporary mathematics, algorithms and modeling applied to the real world. Students will learn the mathematics behind art, growth in nature, voting theory, information science, efficiency, economics, statistics, fractal geometry, scheduling, graph theory, fair sharing, and game theory.

Honors Pre-Calculus - 21012

Prerequisite: B+ or better in Algebra II.

This course will develop essential mathematical skills in the following areas: solving rational expressions and equations with imaginary and complex numbers with graphing, conic functions with graphing, the use and graphs of functions of different types (exponential, trigonometric, logarithmic, polynomial, reciprocal, polynomial, radical), logical reasoning, applications of geometry, statistics, limits, and convergent and divergent series. Since the application of the material is what we are most interested in, word problems will be visited frequently.

AP Calculus AB - 212014

Prerequisite: B+ or better in Pre-Calculus and **Instructor's approval**.

AP Calculus is a rigorous college-prep course that will explore such topics as (but not limited to) finite and infinite limits, the development of a derivative, tangent lines, rules of differentiation, area under curves, hyperbolic functions, slope fields and simple differential equations, integration rules, volumes of curved objects, arc length, center of mass, L'Hopital's Rule, and improper integrals. Since the application of the material is what we are most interested in, word problems will be used frequently. Students enrolled in this course should have the goal of taking the advanced placement test in May.

AP Calculus BC - 213014

Prerequisite: B+ or better in AP Calculus AB and **Instructor's approval**.

AP Calculus BC will be a continuation of AB Calculus Period. This course will review the major concepts from Calculus AB and then continue on with the additional calculus concepts covered under the BC curriculum. New topics of study will include parametric, polar and vector functions as well as polynomial approximations and series.

Statistics – 21021

Prerequisite: Successful Completion of Algebra II

This course covers the basic principles of descriptive statistics, exploratory data analysis, design of experiments, sampling distributions and estimation, and fitting models to data. Other topics include probability distributions, sampling techniques, binomial distributions, and experimental design. The course also looks extensively at the principles of hypothesis testing and statistical inference. Measuring the probability of an event, interpreting probability, and using probability in decision-making are central themes of this course. Data sets from games of chance, business, medicine, policy making, and the natural and social sciences will be explored. This course has a strong visual/graphical emphasis, based on the premise that students learn best by "doing." The primary emphases of this course are critical thinking and the educated interpretation of results.

AP Statistics – 21023

Prerequisite: B or higher in Algebra II and **Instructor's approval**.

The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the AP Statistics course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding.

Lab Science

Science 7 - 30700

Science 7 focuses on life science. Life science provides an introduction to Biology and focuses on all living things and the way that they change over time. Some of the topics studied will lend themselves nicely to hands on activities.

Science 8 - 30800

Science 8 focuses on physical science. Physical science provides an introduction to both Chemistry and Physics and focuses on motion, forces, density and buoyancy, structure of matter, reactions, the Periodic Table, and the Solar System. Some of these topics will lend themselves nicely to hands-on activities.

Honors Biology - 30910

Honors Biology is a yearlong college preparatory course that fulfills both high school graduation and UC college admission requirements as a lab science. Honors Biology is a rigorous course that meets the California State standards in biology. The course offers a challenging curriculum that requires the use critical thinking, investigation, writing, and technology skills that have practical applications across the curriculum. Honors Biology blends the classical model of analysis, logic, and rhetoric with the current issues in science. This course lays the foundation for continued study in chemistry and other science courses.

AP Biology - 30911

Prerequisite: Junior or senior standing only. Successful completion of one year of the following courses: Biology or Honors Biology with a "B+" or better and Chemistry with a "B+" or better.

AP Biology is a yearlong course that is graded on a 5 point scale. It is designed to be taken after the successful completion of both high school Biology and Chemistry. AP Biology includes topics regularly covered in a college introductory biology course such as the process of evolution driving the diversity and unity of life; biological systems utilizing free energy and molecular building blocks to grow, reproduce, and maintain dynamic homeostasis; living systems storing, retrieving, transmitting, and responding to information essential to life processes; and biological systems interacting. AP Biology aims to provide the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Taking the AP Biology Exam is recommended at the end of the year.

Anatomy and Physiology - 33910

Pre-requisite: Successful completion of Biology or Honors Biology and Algebra I; Junior/Senior standing preferred.

Anatomy and Physiology is a yearlong college preparatory course that deals with the structure and function of the human body and the mechanisms for maintaining homeostasis within it. Various topics and terms associated with the study of physiology will be examined including the study of fluid and electrolyte balance; acid/base chemistry; cells and tissues; and the integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems.

Chemistry - 98433

Prerequisites: Algebra I with a grade of C+ or better.

Chemistry is the study of the properties of matter and energy. The Chemistry course is a laboratory-based, college preparatory science course. It utilizes a combination of laboratories, activities, discussions, technology, lectures, demonstrations and other visual aids to provide a solid background in a broad representation of chemistry topics. The topics covered in this course are consistent with the California State Standards and include: Atoms, Isotopes, Ions, Chemical Bonding, Chemical Reactions, Stoichiometry, Gases, Thermodynamics, Solutions, Acids and Bases, Reaction Kinetics, Nuclear Chemistry, and Organic Chemistry. The course fulfills the physical science requirement for high school graduation and is a UC A-G recommended course.

AP Chemistry - 31010

Prerequisites - Algebra I and Chemistry with grades of B+ or higher. Prior or concurrent enrollment in Algebra II is recommended.

The AP Chemistry course is similar in format and content to a first-year college-level Chemistry course. It is a rigorous course with a strong laboratory component and utilizes a combination of laboratories, activities, discussions, technology, lectures, demonstrations and other visual aids to provide a solid background in a broad representation of advanced chemistry topics. Topics covered include: Atoms, Quantum Mechanics, Chemical Bonding, Stoichiometry, Gases, Aqueous Solutions, Equilibrium, Thermodynamics, Chemical Kinetics, Electrochemistry, and Organic Chemistry. Upon completion of the course, students are encouraged to take the A.P. Chemistry examination administered by the College Board. Performance on that exam as well as the portfolio of laboratory reports will be considered by the college or university in awarding AP credit. AP Chemistry is currently offered only in odd-numbered years.

Physics - 30928

Prerequisites: Algebra I and Geometry with grades of B- or better. Prior or concurrent enrollment in Chemistry is recommended, but is not required.

Physics is the study of the motion of objects and energy. The Physics course is a laboratory-based, college preparatory science course. It utilizes a combination of laboratories, activities, discussions, technology, lectures, demonstrations and other visual aids to provide a solid background in a broad representation of physics topics. The topics covered in this course are consistent with the California State Standards and include: Kinematics (motion), Dynamics (forces), Momentum, Energy, Gravity, Circular Motion, Waves, Electricity, Magnetism, Thermodynamics, and Optics. The course fulfills the physical science requirement for high school graduation and is a UC A-G recommended course.

AP Environmental Science - 32322

Prerequisites - Biology and Chemistry with grades of B+ or better.

The AP Environmental Science course is similar in format and content to an introductory college-level Environmental Science course. It is a rigorous course involving strong laboratory and field investigation components and utilizes a combination of activities, discussions, technology, lectures, demonstrations and other visual aids to provide a solid background in a broad representation of environmental science topics. Topics covered include: Earth Systems, Living Systems, Population Biology, Land and Water Use, Energy Resources, Pollution, and Global Changes. Upon completion of the course, students are encouraged to take the AP Environmental Science examination administered by the College Board. Performance on that exam as well as the student's portfolio of

laboratory reports will be considered by the college or university in awarding AP credit. AP Environmental Science is currently offered only in even-numbered years.

Foreign Language

Latin A – 50720

This course introduces students to the Latin language by incorporating Latin into the English grammar curriculum. Students will increase their vocabulary banks, improve their grammar skills, and establish a firm understanding of the foundations of Latin. This class will also prepare students for Eighth Grade Latin, which will teach students how to read and understand Latin texts.

Latin B – 50820

This course develops student's knowledge of Latin and teaches students to read Latin texts. Students also study Roman culture and its impact on today's society. Eighth Grade Latin continues to improve students' English, build their vocabulary, and prepare them for high school Latin.

Honors Latin I - 51020

The Honors Latin I course provides a solid foundation in basic Latin grammar. It is an intensive introductory course to Classical Latin that enables students to analyze the basic rules of syntactic and morphological structure needed to translate basic Latin Texts into English and English Texts into Latin. By the end of the first year, familiarization with the structure of the language will be established. Additionally, the course explores various aspects of ancient Roman life, including the founding of the empire, government arts, morality, and Roman satire.

Honors Latin II - 51210

Prerequisite: B or better in Latin I and/or Instructor's Approval.

Honors Latin II solidifies the basic concepts of Latin grammar and requires the translation of small passages from ancient authors (Cicero, Caesar, Pliny). In the cultural readings, many facts already acquired in other classes will be enhanced with more historic details leading to the realization that many modern insights are actually derived from ancient Roman views. Honors Latin II will again focus on the acquisition of linguistic skills. A certain amount of memorization of vocabulary and word endings will be necessary as well as more sight translations. Additionally, the course explores various aspects of ancient Roman life, including the founding of the empire, government arts, morality, and Roman satire.

Honors Latin III – 51230

Prerequisite: B or better in Latin II and/or Instructor's Approval.

Honors Latin III completes the students understanding of the Latin grammar and requires the translation of large passages from ancient authors (Cicero, Caesar, Pliny). Honors Latin III will again focus on the acquisition of linguistic skills and the application of understanding how the Latin language works. A certain amount of memorization of vocabulary and word endings will be necessary as well as more sight translations. Additionally, the course explores various aspects of ancient Roman life, including the founding of the empire, government arts, morality, and Roman satire.

French I - 50910

This course is for true beginners or students who have not yet mastered the basic structures of French grammar. The focus of the course is vocabulary development and grammar acquisition through communication in French. Communication in French is emphasized and from the beginning,

students are encouraged to use French at all times in the classroom. English is used to explain grammar and when appropriate to ensure comprehension. Communication in French is facilitated by interactive and cooperative learning techniques to address all learning types.

French II - 50610

Prerequisite: C or better in French I

French II seeks to increase the student's ability to speak, understand, read and write in French. The course is focused on advanced vocabulary and grammatical structures in the context of a communicative situation (immersion style). As in French I, instruction and activities are conducted in French as much as possible. English is used to explain grammar when appropriate to ensure comprehension. Further exposure to French culture, family life, regions of France and Francophone regions throughout the world are incorporated.

French III - 10999

Prerequisite: Completion of French II with a C+ or better.

French III builds on the foundations set in French I and II. In addition to refining grammatical skills, the exploration of classic French texts and history are introduced. Emphasis is placed on developing students' writing and communication skills.

French IV - 50612

Prerequisite: Completion of French III with a C or better.

French IV is a comprehensive study of the French language with emphasis on acquiring skill in expressing ideas in both oral and written form. The class teaches French history and literature beginning with the Middle Ages up through the 21st Century. Fluency in conversational French is practiced. This course is an intense preparation for college level language studies, conducted mostly in French. Mastery of basic communication skills, which include listening, speaking, reading and writing, will be emphasized.

Spanish I - 51030

Spanish I aims to build basic grammatical and syntactical rules. The course will include listening, speaking, reading, and writing in the target language. Another main component of the course is to explore the traditions and customs of Spanish-speaking communities around the world.

Spanish II - 51032

Prerequisite: Completion of Spanish I with a C or better.

Spanish II builds on the basic grammatical and syntactical rules learned in Spanish I while exploring new key concepts. Although there is a large focus on grammatical constructions, the overall ongoing goal is language acquisition. The course will continue to explore traditions and customs of Spanish-speaking communities around the world.

Spanish III - 51034

Prerequisite: Completion of Spanish II with a C+ or better.

Spanish III continues to use previous concepts from Spanish I and II. The vocabulary, culture and grammar learned in the previous courses will be used to express ideas in increasingly complex sentence structure in a variety of social settings. This will be accomplished by analyzing different

Spanish texts and readings. The course will continue to explore traditions and customs of Spanish-speaking communities around the world.

Spanish IV – 51036

Prerequisite: Completion of Spanish III with a C or better.

Spanish IV is a complete study of the language with emphasis on acquiring oral and writing fluency. The cultural readings used in the previous course will be used to build upon that information to express ideas in a more complex setting to start writing a variety of essays in a deeper level. Fluency in conversational Spanish is practiced. This course is an intense preparation for college level language studies, conducted mostly in Spanish. Mastery of the four communication skills of the language will be practiced, which include listening, speaking, reading and writing, will be emphasized.

Visual and Performing Arts

Note: These courses are for high school students only.

Art I, Drawing and Painting - 91120

Art I focuses on developing fundamental skills in drawing, composition and painting in various mediums. Students will also consider art criticism and aesthetics for a well-rounded introduction to the visual arts.

Art II – 91130

Pre-requisite: Successful completion of Art I or Instructor's approval.

Art II continues with development of technique and principles of composition in drawing and painting. Students are asked to interpret themes in art with an eye toward developing their own voice and style.

Art 3D Design - 91131

This is a foundational course on the principles of art as they apply to modeling in three dimensions. Topics include additive and subtractive sculpture, architectural design, and modeling in plaster and clay.

AP Art History - 61810

Pre-requisite: Grade of B or higher in previous English and History courses and **Instructor's approval**.

Students will examine the process and principles of global art history from pre-historic times to the present. In-depth study of major works of art, architecture, and sculpture will provide unique insight into a variety of cultures and time periods. The course will follow AP guidelines and prepare the student for the AP Art History Exam.

AP Studio Art: 2D Design - 91121

Pre-requisites: B or better in Art I, Drawing and Painting and **Instructor's approval**.

The focus of the course is on a student-created portfolio of work in a variety of drawing and painting mediums, including concentration on a specific theme. This class is designed for the student who will be submitting his/her portfolio of twenty-four works to the College Board for evaluation.

Drama - 94110

This course is an introduction to drama including appropriate theatre terminology for stage, voice, movement, improvisation, acting, directing, technical aspects of production, historical theatre, and theatrical careers. The study of drama will be approached through study of text, active participation in projects, research, discussion, interaction with professionals in the field, and classroom and public performance.

Advanced Drama – 94120

Prerequisite: Audition required

The philosophy of the Advanced Drama curriculum is to foster a student centered learning environment which allows students to gain and use knowledge and skills of acting, dance, and

voice. Its primary goal is to address the developmental nature of each learner, promote critical thinking skills, foster communication and make connections across the curriculum while infusing real life applications to develop students who are lifelong learners. Students will create characters for theatrical productions through scene, character, and technical analysis. Through improvisation, script writing, and aesthetic creation and collaboration, actors will refine their working knowledge and independent thought, articulating and justifying their creative choices. Students' "critical eye" becomes more developed and significant mastery of artistic choices becomes evident. An inquiry-based capstone project will be required. Public performances will also serve as a culmination of specific instructional goals. Students will be required to participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Musical Theatre - 97074

This course is an exploration of how various musical theatre forms from a variety of cultures and genres contributed to the creation of one of the most complex and quintessentially American forms of art—the American Musical Theatre. Students will examine how musical theatre has reflected and contributed to the social fabric and culture of the United States from the 17th through the 21st centuries. Themes to be discussed include gender, sexuality, race and ethnicity, and reflections of America that musicals have conveyed. The course will identify and discuss the contributions of the major artists who have made a significant impact on the development of the American musical theatre. Students will not only study about the musical but experience firsthand the world of the musical performer. In addition, this course will provide coaching, information and expertise designed for the improvement of each student's vocal preparation, audition skills and performance.

Concert Choir - 97071

The Concert Choir (grades 9 through 12) is a beginner mixed-voice performing choir which studies and performs vocal music from many eras, genres, and countries in three or more parts. Instruction includes elements of music theory, vocal technique, choral performance, and music history. Participation in at least four public concerts and/or festivals is required for this course.

Chamber Singers – 97077

Prerequisite: Audition required

The Chamber Singers is an advanced mixed-voice performing choir which studies and performs vocal music from many eras, genres, and countries in four or more parts. Instruction includes elements of music theory, vocal technique, choral performance, and music history. Participation in TPS concerts, assemblies, special events, and several off-campus festivals and/or competitions is required for this course.

7th/8th Grade Electives

PE 7/8 – 80978

PE 7/8 is an engaging, cooperative course based on the Physical Education standards. Grades are given for participation and social skills. The grading system consists of 5 points per day (3-points participation, 2-points social skills). On block schedule days, students will earn up to 10 points per class period. The class will include activities and sports that are presented in a comfortable, non-competitive environment. The goals are to improve physical skills, fitness levels, and social development.

Note: All 7th graders will take the CA physical fitness test.

Health Education/Recreational Arts – 91211

Health Education/Recreational Arts is a course designed to provide each student with the skills necessary to live the healthiest life possible. The importance of balancing all aspects of life to achieve overall wellness will be a focus. Classroom discussions are very prevalent and occur daily pertaining to the topic being covered. The main goal of this class is to provide students with a solid foundation of concepts and skills that will enable them to live a physically and mentally healthy active lifestyle.

Drama 7/8 – 94100

This course is designed to give an introduction to drama including appropriate theatre terminology for stage, voice, movement, improvisation, acting, directing, technical aspects of production, historical theatre, and theatrical careers. The study of drama will be approached through study of text, active participation in projects, research, class discussion, interaction with professionals in the field, and classroom and public performance.

Music 7/8 – 70720

The Junior Choir (grades 7 and 8) is a beginner mixed-voice performing choir which studies and performs vocal music from many eras, genres, and countries in two or more parts. Instruction includes elements of music theory, vocal technique, choral performance and music history. Participation in at least four public concerts or festivals is required for this course.

Art Studio 7/8 – 60711

This class offers an opportunity to explore the world of art and creativity. The focus will be on drawing and painting, as well as exploring a variety of projects that challenge the imagination and lead to an understanding and appreciation of the expressive possibilities of art.

ASB 7/8 – 54045

Prerequisite - students must be elected or appointed by the student body into their respective positions.

The ASB represents the entire TPS student body. This course focuses on the skills necessary to become effective leaders both on campus and in their own community. The course will enhance leadership and organizational skills through exploration of what it means to be an effective group member and leader through planning and implementing activities, programs, and events for TPS students and faculty. Students must maintain a 3.0 GPA.

Speech/Debate 7/8 – 92111

The course introduces the “how to’s” (the theory) of public speaking and aims to give students experience in putting theory into practice. The course stresses the necessity of thorough research and clear organization in creating any type of speech and provides extensive practice in informative and persuasive speaking that focuses on relevant issues. The course will explore logical fallacies of argumentation; the construction of a coherent, logical, sequenced argument, supported by documentation and evidence; the understanding and practice of ethical communication; and the analysis of arguments as they are presented, recognizing flaws in logic, reasoning or evidence.

High School Electives

Note: Additional years beyond the UC/CSU requirements of visual/performing arts, history, advanced math, lab science, and foreign language can be used for college prep elective credits.

Music Appreciation - 97072

This class is for students who have an appreciation for music but don't want to participate in a performance-based course. Music Appreciation is a survey of musical style periods. This course is designed to increase awareness, appreciation and skill in listening to, responding to, and analyzing a variety of music. The course will examine the development of Western music genres from their beginnings to present day through the exploration of composers' lives, and the historical and social contexts of the times. This course explores the concepts, styles, techniques, instruments, and history of music from the Medieval through the Classical eras. Then continues with the Romantic Period, Post-Romantic and Impressionist Eras, and up through the Twentieth Century.

Music Theory

Elements of Music
Rhythm/Note Values
Treble Clef Notation
Composition

Music History/Culture may be selected from the following:

Opera	Spirituals
Gospel	Blues
Musicals	Latin American Music
African Music	Jazz/ Ragtime/ Swing
Famous Musicians	Composers

AP Music Theory – 97078

Prerequisite: Instructor's Approval or Theory Assessment (see Instructor for details)

This course develops a student's ability to recognize, understand, and describe the materials and processes of music, including musical terminology, notational skills, composition skills, musical analysis, and aural skills.

AP Computer Science A – 33617

Prerequisite: Successful completion of Algebra II.

The design and implementation of computer programs to solve problems involve skills that are fundamental to the study of computer science. This includes the development and analysis of algorithms and fundamental data structures, and the use of logic and formal methods.

AP Psychology – 24680

In this course students will explore the concepts, theories, perspectives, phenomena and behaviors associated with the subfields and research areas of psychology. They will also analyze the methods psychologists use to study various types of behavior and mental processes and evaluate the validity and significance of their contributions.

The following courses are not approved for college prep electives; these courses are for high school elective credit only.

Moral Philosophy (required for 12th grade only) - 99910

Moral Philosophy is the branch of philosophy dealing with both argument about the content of morality and meta-ethical discussion of the nature of moral judgment, language, argument, and value. It seeks to determine the correct application of moral notions such as good and bad and

right and wrong or a theory of the application or the nature of such notions. Moral philosophy is the area of philosophy concerned with theories of ethics, with how we ought to live our lives. It is divided into three areas: meta-ethics, normative ethics, and applied ethics. This course will address all three levels while at the same time allowing students to apply these notions to everyday issues.

ASB - 54044

Prerequisite: Students must be elected or appointed by the student body into their respective positions.

The ASB represents the entire TPS student body. This course focuses on the skills necessary to become effective leaders both on campus and in their own community. The course will enhance leadership and organizational skills through exploration of what it means to be an effective group member and leader through planning and implementing activities, programs, and events for TPS students and faculty.

Students must maintain a 3.0 GPA in order to remain in the course.

Intro to Cultural Anthropology - 99900

Introduction to Cultural Anthropology is an exploratory study of humankind. The course will examine the development of life on earth, human behavior in a variety of societies, and how human societies are organized. Cross-cultural anthropological perspectives on human behavior, including cultural transmission, social organization, culture change, technology, war, ritual, and related topics will be discussed.

Cinema as Literature - 94220

This course explores the complex interplay between film and literature, studying films linked across the two forms of media by genre, topic, style, and content. Films are analyzed using a variety of written essays and creative assignments.

Yearbook – 91320

Yearbook focuses on the design and creation of the cover, end sheets, theme, and layout of the yearbook. Instruction will be given for use of cameras and photographic techniques, on managing deadlines, on marketing the yearbook, and on learning journalistic style.

Speech and Debate – 92110

The course emphasizes knowing the “how to’s” (the theory) of public speaking and aims specifically to give students experience in putting theory into practice. The course stresses the necessity of thorough research and clear organization in creating any type of speech and provides extensive practice in informative and persuasive speaking that focuses on relevant issues. The course will expose students to begin to understand and utilize logical fallacies of argumentation; learn to construct a coherent, logical, sequenced argument, supported by documentation and evidence; begin to become a careful and critical thinker and communicator, both as a speaker and as a listener; explore the understanding and practice of ethical communication; and begin to analyze and critique arguments as they are presented, looking for flaws in logic, reasoning or evidence.

Physical Education - 81010

High School Physical Education is an elective course. The Physical Education class is a yearlong Co-Educational course that fulfills the California State P.E. standards, as well as provides for a solid base for exploration in the related areas of kinesiology (study of movement), and exercise and nutritional science. The class is a college preparatory class that evaluates the academic as well as athletic

elements of P.E. that also relates to other subjects across the curriculum. The year is based on 5 primary components: 1) healthy zone activities, 2) fitness, strength, and flexibility, 3) cardiovascular health, 4) strategies and skills of team and individual sports, and 5) the principles of conditioning as they related to kinesiology and exercise science. Goal setting and sportsmanship, along with the "four virtues" are embraced in physical education, which allows for a logical carry over from the classroom to the playing field.

Note: All 9th graders, regardless of enrollment in the course, will take the CA physical fitness test.

Health – 91212

Health Education is designed to provide each student with the necessary skills to live the healthiest life possible. Every student receives instruction which includes values clarification, acceptance of personal responsibility, respect for each other, promotion of personal health and health of others, critical thinking skills, and an informal use of health related information, products, and services. Exercise, exercise physiology, substance use and abuse, nutrition, accident and emergency procedures, family life education, parenting skills, sexual harassment, prejudice, infectious disease and other health issues are included in this course.

Honors Theatre – 94130

Honors Theatre is a repeatable elective, which concerns itself with upper level exploration of the nature and manner of the Dramatic Arts in both its historical and contemporary manifestations. To this end, students are expected to develop a working historical knowledge of the major developmental patterns of theatre, film and other applicable disciplines. Students are also expected to learn how to read a script, analyze its thematic structures, discern metaphoric patterns, understand the use of classically understood symbols, and create a production concept which accurately reflects these things. In addition, this course allows students who have proven their aptitude for the Dramatic Arts the opportunity to create theatre in a professional environment. Students will collaborate to create weekly performance projects. Throughout this course students will perform three full-length productions.

Athletic Weight Training – 81012

Prerequisites: Previous letter in a varsity sport or **Athletic Director approval**.

This course includes free weights, plyometrics, personal goal-setting, and strength training.

Athletic PE – 81011

Pre-requisite: Previous letter in a varsity sport, current placement on a varsity roster, or Athletic Director approval.

This course is intended for all varsity athletes. Offered only during 7th period, in season athletes may begin practice during course time, while off-season athletes will be given supervised time to complete homework and necessary conditioning.

Office Work Experience – 90000

Positions are available to students in grades 10-12 and require approval.

Teacher Aide - 94091

Positions are available to students in grades 10-12 and require approval.

Planning Ahead

WHEN SELECTING COURSES FOR HIGH SCHOOL, REFER TO THE REQUIREMENTS BELOW TO BE SURE YOU ARE ON TRACK FOR EITHER THE PROFICIENT OR ADVANCED DIPLOMA.

GRADUATION REQUIREMENTS:

	CREDITS REQUIRED	
	PROFICIENT	ADVANCE
HISTORY/SOCIAL SCIENCE	40	40
ENGLISH	40	40
MATHEMATICS	30	40
LAB SCIENCE	30	30
FOREIGN LANGUAGE	20	30
VISUAL/PERFORMING ARTS	10	10
<u>ELECTIVES</u>	<u>35</u>	<u>35</u>
TOTAL CREDITS REQUIRED FOR GRADUATION	215	245

ADDITIONAL GRADUATION REQUIREMENTS:

PASS CAHSEE ~ MATH AND ELA
50 HOURS OF COMMUNITY SERVICE

COMPLETE ALGEBRA I
MORAL PHILOSOPHY (12TH GRADE)