



JEFFERSON PREPARATORY

HIGH SCHOOL

Course Catalog

2022-2023

Course offerings subject to change based upon student interest and course enrollment

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CORE CLASSES

9th – 12th Life Skills

Course ID - 9LS, 10LS, 11LS, & 12LS

Department:

Prerequisites: None

Term: Year

Fee: Required Book Bundle

The objective of Life Skills is the cultivation of responsible, independently thinking, socially aware and productive adults. Topics range from goal-setting, money, time and stress management, to relationships and self-development. Class texts include titles like Rich Dad Poor Dad-for Teens, Seven Habits of Highly Effective People, How to Win Friends and Influence People, Outliers, and other texts that enhance the core class topics.

ENGLISH & LITERATURE - CLASSES

9th Themes in Literature and Composition**

Course ID 111

Department: English & Literature

Prerequisites:

Term: Year

Fee: Required Book Bundle

This course curriculum guides students in their study of literature and composition through the richness of outstanding novels, pivotal short stories, classic poetry and skill-building writing assignments. Frequent classroom discussions and a wide variety of essay compositions are integral components of the substantial literary course work. Scholars will engage in an array of activities to promote vital study techniques and interpretive abilities to apply to each intellectual endeavor. Writing projects will require scholars to engage in all parts of the writing process: planning, drafting, revising, and editing.

10th World Literature and Composition**

Course ID 121

Department: English

Prerequisites: Themes in Literature

Term: Year

Fee: Required Book Bundle

This course integrates writing for a variety of audiences with a study of literature. Universal themes in literature are explored in the fiction, non-fiction, poetry, drama and short stories of many cultures and many eras. Composition emphasizes research skills, multi-paragraph exposition, critical analysis and thesis development and defense. Scholars will learn narrative, informative, persuasive, and research-based writing.

11th American Literature and Composition**

Course ID 131

Department: English & Literature

Prerequisites: World Literature

Term: Year

Fee: Required Book Bundle

In the English 11 Literature and Composition course, scholars master essential reading and writing. Scholars analyze different literary genres in American literature such as classic novels, short stories, and poems, as well as nonfiction writings. Scholars study each piece of literature chronologically as a reflection of the historical period in which it was written. The year-long course begins with the study of nonfiction primary sources written during the colonial era, continues through a study of the writings of the American Revolution; then, the course focuses on fictional writings from the Realistic, Romantic and Modern Literary Periods. In addition, scholars compose a combination of expository and literary-analysis essays following the writing process: prewriting, planning, drafting, revising, editing, and publishing.

12th English 101/102 (Dual Enrollment)**
Course ID 151

Department: English & Literature
Prerequisites: American Literature
Term: Year

Fee: Required Book Bundle and college tuition if college credit desired

English 101 and 102 are back-to-back semester courses that prepare scholars for writing in the university setting and for a variety of contexts beyond the classroom. Students practice critical thinking, reading, and writing by applying a variety of strategies. Through reading and discussion of selected works, students learn to identify arguments and analyze texts for purpose, audience, context, and overall composition. Through writing, students contribute to an academic conversation and learn to position their ideas in relation to the ideas of others. Students also develop skills in argumentation, source integration, analysis of evidence, college-level research methods, information literacy, and citing according to academic conventions. In the writing process, students learn to generate original ideas through writing and to revise their work according to audience expectations.

Bible as Literature - Elective
Course ID 161

Department: English & Literature
Prerequisites: None
Term: Semester
Fee: No

The Bible has been published more than any book on the planet. Biblical Literature courses have the same aim as general literature courses (to improve students' language arts and critical-thinking skills), focusing on the books of the Bible. Students may compare techniques, styles, and themes of the various books; examine the Bible's influence on secular literature; and may study historical events of Biblical times. Oral discussion is an integral part of these courses, and written compositions are often required.

Creative Writing I- Elective
Course ID 171

Department: English & Literature
Prerequisites: 9th Themes in Literature
Term: Semester
Fee: No

This one-semester course will introduce students to the fundamentals of writing creatively. They are more accustomed to the forced, formulaic style of academic writing that they may not be familiar with the freedom of creative flow.

POETRY

This will not be an ELA unit. Students will learn to use poetry as tools of expression in a wide variety of assignments.

SONGS

Re-write the lyrics to popular songs to dramatically change the theme. Sad songs become triumphant, country becomes rap, and love songs become breakups. (This is much more difficult than it may sound, as students will have to exactly match the syllable counts whilst ensuring their chosen vocabulary presents the new message.)

Also, students will analyze the lyrics of popular show tunes from Broadway hits such as *Wicked* and *Les Miserables*, along with songs from *The Greatest Showman* in order to learn how songs tell a story and convey emotion.

SHORTS

Students will learn the basics of the short story and how to effectively *show* a tale rather than simply write about it. The essential elements of Setting, Protagonist, Antagonist, Plot, Conflict, Obstacles, Climax and Resolution will be examined.

JOURNALING

Students will keep a personal daily journal.

Creative Writing II - Elective
Course ID 172

Department: English & Literature
Prerequisites: 9th Themes in Literature
Term: Semester
Fee: No

This one-semester course will introduce students to the massive world of self-publishing and professional writing. Participants will be exposed to novels and novellas, screenplays and stage plays, the differences between serial television shows and movies, and how to write work that sells. They will create and maintain author profiles through Kindle Direct Publishing, manage their own sales, create covers that stand out, and establish their place in the world of published authors.

HISTORY - CLASSES

9th Geography** Course ID 211

Department: History
Prerequisites: None
Term: Year
Fee: No

World Geography is the study of the world's people, places, and environments, with focus on world regions. Particular emphasis is placed on students' understanding and applying geographic concepts and skills to their daily lives. The course will begin with scholars learning how geographers look at the world. Then will quickly dive into the makeup of the Earth, its climates, and the people that populate it. From there scholars will make our way around the globe beginning with North America, Latin America, Europe, Russia, North Africa, SW Asia, Central Asia, Africa south of the Sahara, S. Asia, E. Asia, SE Asia, and lastly Australia, Oceania, and Antarctica.

10th World History** Course ID 221

Department: History
Prerequisites: Geography
Term: Year
Fee: No

The course of study for World History focuses on man's efforts from the early river valley civilizations to modern historical viewpoints. Through this curriculum, students examine the prominent political, social, cultural, religious and military endeavors of societies. The impact of geographic traits is included in the study of each civilization, society, country and empire.

11th United States History** Course ID 231

Department: History
Prerequisites: World History
Term: Year
Fee: No

Provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in United States History. Students should learn to assess historical materials, their relevance to a given problem, their reliability and weigh the evidence accordingly.

12th United States Government** Course ID 241

Department: History
Prerequisites: U.S. History
Term: Semester
Fee: No

Students will learn the foundations, principles, and institutional practices of the United States as a representative democracy and constitutional republic. They will understand the importance of each person as an individual with human and civil rights and our shared heritage in the United States.

Economics** Course ID 242

Department: History
Prerequisites: U.S. History
Term: Semester
Fee: No

Students in Economics will learn information to develop an economic way of thinking and problem solving. They learn to understand and apply basic economic principles to decisions they make as consumers, members of the workforce, citizens, voters, and participants in a global marketplace. This prepares students to weigh both the short-term and long-term effects of decisions as well as possible unintended consequences.

American Military History
Course ID 251

Department: History
Prerequisites: 9th Grade Geography
Term: Year
Fee: No

The U.S. Military History is designed to provide students with a comprehensive understanding of how the U.S. military has developed and evolved from the advent of our nation's birth to the contemporary issues of global terrorism and peacekeeping efforts. Far from a simple look at the various wars and conflicts our military has been involved in, this course will identify and challenge the issues of domestic security and how various military institutions, both directly and indirectly, have involved themselves during times of both war and peace. You will analyze the various economic, political, social, cultural, and technological factors that drive the evolution of U.S. military history. It must never be forgotten that war is only one aspect of military history, and the individual soldiers are a reflection of the society they came from. As quoted by General Douglas McArthur, "...the soldier, above all other people prays for peace, for he must suffer and bear the deepest wounds and scars of war."

MATH - CLASSES

Pre-Algebra Course ID 308

Department: Math
Prerequisites: Math placement exam results
Term: Year
Fee: No

Pre-Algebra courses increase students' foundational math skills and prepare them for Algebra I by covering a variety of topics, such as properties of rational numbers (i.e., number theory), ratio, proportion, estimation, exponents and radicals, the rectangular coordinate system, sets and logic, formulas, and solving first-degree equations and inequalities.

Algebra I** Course ID 311

Department: Math
Prerequisites: Pre-Algebra-or 8th Math
Term: Year
Fee: No

Scholars enrolled in this course will learn problem solving approaches, thinking and algebraic skills necessary for future mathematics courses and other disciplines. It includes a study of real number systems, linear equations, linear inequalities, exponential functions, quadratic equations, and statistics. Scholars must show mastery of Algebra I before advancing to Geometry or Algebra II

Geometry** Course ID 321

Department: Math
Prerequisites: Algebra 1
Term: Year
Fee: No

This course places emphasis on plane geometry and includes some solid and coordinate geometry. The course provides scholars with the opportunity to improve their understanding of spatial relationships, develop inductive and deductive skills, improve problem-solving skills in geometric settings, relate algebra to geometry, and develop a deep understanding of ratio and proportion concepts. A protractor, compass, ruler and scientific calculator are required.

Algebra II** Course ID 331

Department: Math
Prerequisites: Algebra I
Term: Year
Fee: No

This course will cover topics in advanced Algebra and Geometry. Scholars will further their understanding of linear functions, quadratic equations, matrices, logarithms, rational and radical equations, statistics, and series and sequences. Scholars will discuss and solve real-life applications of the studied topics. Algebra II will help prepare scholars for college math courses and for Pre-Calculus.

Pre-Calculus & Trigonometry** Course ID 341

Department: Math
Prerequisites: Geometry & Algebra II
Term: Year
Fee: No

Pre-Calculus courses combine the study of Trigonometry, Elementary Functions, Analytic Geometry, and Math Analysis topics as preparation for calculus. Topics include polynomial, rational, exponential, logarithmic, and circular and trigonometric functions, as well as other miscellaneous topics useful for calculus. Pre-calculus will be rigorous and designed to help to prepare students to succeed at a college level calculus class the following year.

AP Calculus AB
Course ID 351

Department: Math
Prerequisites: Pre-Calculus
Term: Year
Fee: Cost of the AP Exam

Calculus is an in depth look at the study of change. It covers various topics like limits, derivatives, and integrals, with a focus on application. Calculus is a challenging college level course to be taken after students have demonstrated mastery of Algebra II and Pre-Calculus topics.

Other Math Classes – These Need Administrative Approval

Applied Mathematics
Course ID 301

Department: Math
Prerequisites:
Term: Year
Fee: No

General Applied Mathematics courses reinforce general mathematics skills; extend these skills to include some pre-algebra and algebra topics; and use these skills in a variety of practical, consumer, business, and occupational applications. Course topics typically include rational numbers, measurement, basic statistics, ratio and proportion, basic geometry, formulas, and simple equations.

Algebra - Transitional
Course ID 306

Department: Math
Prerequisites:
Term: Year
Fee: No

Transitional Algebra courses emphasize a practical approach to the study of Algebra. Topics include quadratic expressions, equations, and functions; extend the set of rational numbers to the set of complex numbers; link probability and data through conditional probability and counting methods; study similarity and right triangle trigonometry; and study circles with their quadratic algebraic representations.

Geometry - Transitional
Course ID 305

Department: Math
Prerequisites:
Term: Year
Fee: No

Transitional Geometry courses emphasize a practical approach to the study of geometry and deemphasize an abstract, formal approach. Topics typically include properties of and work with plane and solid figures; inductive methods of reasoning and use of logic; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.

SCIENCE - CLASSES

9th Integrated Science**

Course ID 411

Department: Science

Prerequisites:

Term: Year

Fee: No

This course builds upon students previous years of scientific inquiry education. The curriculum for this course will focus on the major sections of the scientific field: physics, chemistry, biology, earth science, and astronomy.

10th Biology**

Course ID 421

Department: Science

Prerequisites: Integrated Science

Term: Year

Fee: No

Scholars explore movement of energy through biological systems, population dynamics, cell structure and how nutrients are used by the cell for life, bimolecular structures including lipids, proteins, sugars and DNA/RNA, genetics and heredity, evolution, classification, plants and comparative anatomy (dissections). Daily activities reinforce learning including frequent group presentations to assess learning (modeling in biology) to report findings and reflect learning. This course includes topics of human reproduction and evolution

11th Chemistry**

Course ID 431

Department: Science

Prerequisites: Biology

Term: Year

Fee: No

Chemistry is the study of matter. Typical subjects include states of matter, atomic structure, chemical reactions, and stoichiometry. Chemistry is a science with heavy math content so students should be prepared for a higher level of mathematical rigor when compared to previous science classes.

Forensic Science - Elective

Course ID 441

Department: Science

Prerequisites: Biology

Term: Semester

Fee: No

Forensic Science 1 takes an in-depth look at careers and investigative techniques that are used by forensic scientists. Students study topics such as fibers and textiles, fingerprints, blood typing, blood splatter, and DNA fingerprinting. Course fee covers the cost of the "Cold Case Murder & Unsolved Case Files" kit.

Anatomy - Elective

Course ID 451

Department: Science

Prerequisites: Biology

Term: Year

Fee: No

Anatomy courses present an in-depth study of the human body and biological systems. Students study such topics as anatomical terminology, cells, and tissues and typically explore functional systems such as skeletal, muscular, circulatory, respiratory, digestive, reproductive, and nervous systems.

Environmental Science - Elective

Course ID 461

Department: Science

Prerequisites: Lab Based Science & Algebra

Term: Year

Fee: No

Environmental Science courses examine the mutual relationships between organisms and their environment. In studying the interrelationships among plants, animals, and humans, these courses usually cover the following subjects: photosynthesis, recycling and regeneration, ecosystems, population and growth studies, pollution, and conservation of natural resources.

Physics
Course ID 471

Department: Science
Prerequisites: Algebra II
Term: Year
Fee: No

Physics is a course which enables the students to learn about the properties of the physical world through experimentation. Students will use information discussed in class to design and conduct experiments to study physical theories and concepts. Through experimentation, students will investigate equilibrium, motion, momentum, gravity, energy, electricity, light and sound. Understanding concepts, not memorization of formulas, will be emphasized. This course will be offered on a rotating basis (i.e. years where the school year begins with an odd number 21-22, 23-24, 25-26, etc).

FOREIGN LANGUAGE – CORE CLASSES

American Sign Language I (Online with Imagine Learning only) Course ID 501

Department: Foreign Language

Prerequisites:

Term: Year

Fee: No

Designed to introduce students to American Sign Language, ASL I enables students to communicate through finger spelling, signed words, phrases, sentences, and gestures. Course topics also include deaf culture and issues facing deaf people currently and throughout history. This is a fee based course offered online through Edgenuity.

American Sign Language II (Online with Imagine Learning only) Course ID 502

Department: Foreign Language

Prerequisites: ASL I

Term: Year

Fee: No

American Sign Language II builds on skills learned in ASL I extending students' abilities to comprehend and express themselves in ASL, and increasing their vocabulary and signing speed. Typically, students learn how to engage in discourse for informative and social purposes, and to comprehend the language when signed slowly. This is a fee based course offered online through Edgenuity.

Spanish I Course ID 531

Department: Foreign Language

Prerequisites:

Term: Year

Fee: No

Spanish I is an introduction to the Spanish language for students with little to no previous Spanish studies. The development of basic reading, writing, listening and speaking skills is emphasized. Cultural aspects of Spanish-speaking communities throughout the world are also studied. Students will participate in individual, small-group and whole-class activities that focus on meaningful and accurate communication skills in the target language. This course is conducted primarily in Spanish.

Spanish II Course ID 532

Department: Foreign Language

Prerequisites: Spanish I

Term: Year

Fee: No

The Spanish II course builds off the prerequisite Spanish I. Scholars expand their vocabulary, grammar, verb tenses (preterit, imperfect, future, and subjunctive) and will progress more in depth with reading, writing, speaking, listening, culture, and geography. We will practice speaking and listening skills in the classroom, with the study of grammar, reading and longer writing activities occurring mainly outside of the classroom. This course also examines other cultural aspects of Spanish-speaking communities throughout the world. Students will participate in small-group and whole-class activities that focus on meaningful and accurate communication skills in the target language. This course is conducted primarily in Spanish.

Spanish III Course ID 533

Department: Foreign Language
Prerequisites: Spanish I & II
Term: Year
Fee: No

Spanish III is an intensive course designed to aid students in acquiring a deeper understanding of Spanish grammar as well as encouraging students to use Spanish in real, meaningful ways in order to communicate more effectively with native speakers. In a Spanish-only classroom environment, students will refine their abilities in the four major skill sets (reading, writing, speaking, and listening) and broaden their cultural knowledge. The information from previous Spanish courses will be expanded and built upon through a variety of activities, writing assignments, and dialogues.

French I **(Online with Imagine Learning only)** Course ID 541

Department: Foreign Language
Prerequisites: None
Term: Year
Fee: No

French I is an introduction to French language and culture for students with little to no previous French studies. The development of basic reading, writing, listening and speaking skills will be emphasized. Cultural aspects of French-speaking communities throughout the world are also studied. Students will participate in individual, small-group and whole-class activities that focus on meaningful and accurate communication skills in the target language. This course is conducted primarily in French.

French II **(Online with Imagine Learning only)** Course ID 542

Department: Foreign Language
Prerequisites: French I
Term: Year
Fee: No

The French II course builds off the prerequisite French I. Scholars expand their vocabulary, grammar, verb tenses (preterit, imperfect, future, and subjunctive) and will progress more in depth with reading, writing, speaking, listening, culture, and geography. We will practice speaking and listening skills in the classroom, with the study of grammar, reading and longer writing activities occurring mainly outside of the classroom. This course also examines other cultural aspects of French-speaking communities throughout the world.

PHYSICAL EDUCATION - ELECTIVES

Chinese Kung Fu Course ID 661

Department: Physical Education

Prerequisites: None

Term: Year

Fee: No

“Kung Fu” translated means “skill acquired through hard work and patience over time”. Through the physical exercise, mindful breathing practice and expressive, focused, dance-like movement of the most comprehensive Chinese art form in history scholars can receive benefits of: understanding discipline, self-awareness, personal safety, improved self-esteem, reduced anxiety, enhanced physical mobility and fitness throughout their lives.

PE Fitness for Life Course ID 663

Department: Physical Education

Prerequisites: None

Term: Year

Fee: No

This course emphasizes acquiring knowledge and skills regarding lifetime physical fitness. Scholars will study topics such as nutrition, stress management, and consumer issues related to fitness. Scholars will develop and implement a personal fitness plan.

Weightlifting / Resistance Training Course ID 667

Department: Physical Education

Prerequisites: None

Term: Year

Fee: No

Fundamental human anatomy, physiology and movement. Scholars will learn the names of muscles/skeletal system and how to train the entire muscular system efficiently and safely. Emphasis on preparing scholar for or enhancing understanding of exercise science/medical terminology.

Yoga Course ID 668

Department: Physical Education

Prerequisites: None

Term: Year

Fee: No

Basic practice of yoga suitable for all fitness levels. Promotes longevity of flexibility, strength and mobility of entire body. Promotes healthy stress-management and anxiety reducing practices.

Team and Individual Sports Course ID 670

Department: Physical Education

Prerequisites: None

Term: Year

Fee: No

Physical exercise is a fundamental component to the improvement and maintenance of a healthy lifestyle. This course enhances the scholar’s interest in physical fitness and American sports while focusing on participation as it relates to culture, ethnicity, gender and physical diversity. The sports learned and skills developed in this course may include but are not limited to archery, basketball, floor hockey, flag football, table tennis, pickle ball, corn hole, volleyball, sports history, competition rules, cardiovascular fitness, muscular fitness, motor skill enhancement, flexibility, sportsmanship and the concepts of team and individual goal setting.

BUSINESS - ELECTIVES

Business Management I

Course ID 941

Department: CTE

Prerequisite:

Term: Year

Fee: No

Learn business concepts through the study of self-development and personal leadership. Study key business leaders that impact the world. Study the psychological factors involved between seller and buyer and tactics used to motivate one to make a purchase. Discover the world of hospitality and guest services while delving into the operations and philosophies of Starbucks.

Business Management II

Course ID 951

Department: CTE

Prerequisite: Business Management I

Term: Year

Fee: No

Develop knowledge of business and financial management practices, accounting methods, and competencies using varied computer applications for office organization and management.

Business Management Internship

Course ID 961

Department: CTE

Prerequisite: Business Management 2

Term: Semester

Fee: No

In this capstone course students will participate in a work-based learning program by completing 120 hours of internship (either paid or unpaid) with a local business. Students will spend a minimum of 5 hours per week (paid or unpaid) in a position within business and industry, gaining on-the-job experience and valuable industry networking. Students must provide their own transportation to their worksite. Additional site requirements may be required for student participation.

COMMUNICATIONS - ELECTIVES

Speech & Debate - Elective

Course ID 181

Department: Elective / Communications

Prerequisites:

Term: Year

Fee: No

Forensic Speech—Debate courses offer students the opportunity to learn how to use oral skills in formal and informal situations. In these courses, students are able to develop such skills as logic and reasoning, research and analysis, organization of thought and supporting materials, argumentative style and skill, and effective presentation of one's voice and body. Often linked to an extracurricular program, these courses introduce students to the methods, aims, and styles used in various kinds of debates (formal debate or Lincoln-Douglas). Participation in competition is encouraged, but not always required.

Journalism/Yearbook - Elective

Course ID 191

Department: Communications

Prerequisites: None

Term: Year

Fee: No

This course is a dynamic blend of photography, newspaper reporting, and yearbook layout. Armed with a school press pass and given impressive access, the student is the reporter developing skills in writing and editing stories, organizing headlines and captions, and meeting exciting production deadlines. Take the photos that will be showcased in the newspaper and yearbook. Learn the principles of style, design, and layout as an active editor. Use your talent, wit, and style to become the photographer, reporter, and editor of Jefferson Prep's publications. Students will remember your work for years to come as you produce a lifetime of memories!

FINE AND PERFORMING ARTS - ELECTIVES

Humanities – 9th grade requirement Course ID 701

Department: Fine & Performing Arts
Prerequisites: None
Term: Year
Fee: No

Scholars will be introduced to significant works of art, artists, and artistic movements that have shaped the development of western civilization focusing on how art as influenced and is reflected in various periods of history. Scholars will study the evolution of art forms, music, literature and the techniques, symbols, and themes used throughout history. Part of the 9th grade cohort.

Art I - Beginning Course ID 711

Department: Fine & Performing Arts
Prerequisites:
Term: Year
Fee: No

This course introduces scholars to the elements of art and principles of design while developing drawing skills and painting techniques. Studio experiences in the classroom will give scholars opportunities to experience a variety of media (pencil, pen, ink, charcoal, pastel, watercolor, and tempera paint) while developing their individual style and creative problem solving skills. Scholars will demonstrate their ability to respond, to analyze, and to interpret their own artwork and the work of others through discussions, critiques, and writings.

Art II - Portfolio Course ID 721

Department: Fine & Performing Arts
Prerequisites: Art I
Term: Year
Fee: \$65

Art Portfolio course offers scholars the opportunity to create a professional body of work that reflects their personal style and talent. Each scholar will develop a Drawing Portfolio, and a 2-D Design online Portfolio. Individual artwork will be evaluated for quality, depth, discovery, and demonstration of superior knowledge of art principles and techniques. Students will be encouraged to display their work publicly.

Art 3D Course ID 731

Department: Fine & Performing Arts
Prerequisites:
Term: Semester
Fee: \$45

Creative Art—Sculpture courses cover the same topics as Creative Art—Comprehensive courses but focus on creating three-dimensional works. Students typically work with several media (clay, ceramics, wood, metals, textiles, and so on), but some courses may focus on only one medium.

Ceramics Course ID 732

Department: Fine & Performing Arts
Prerequisites:
Term: Semester
Fee: \$100

Ceramics is an introductory course to ceramic pottery and sculptures. This class will cover the three basic methods of hand building and wheel throwing. Students will produce ceramic artwork using pinch, slab, and coil techniques. Students will learn the basic vocabulary of ceramics as well as methods of surface treatment, firing, and other related aspects. Art history, aesthetics and art criticism will be incorporated throughout the course.

Band – All Levels
Course ID 743

Department: Fine & Performing Arts
Prerequisites: None
Term: Year
Fee: Instrument

This course is designed for all level students of band, as well as those who are learning the basics for performing in a band setting. We focus on the fundamentals: posture, instrument knowledge, note-reading and rehearsal techniques. Students develop basic musicianship through the practice and performance of concert works and exercises in a large ensemble setting, develop and improve proper playing techniques (embouchure, posture, sticking, etc.), and build a positive self-concept, and group work ethic through performance.

Piano Keyboarding
Course ID 755

Department: Fine & Performing Arts
Prerequisites:
Term: Year
Fee: No

Piano courses introduce students to the fundamentals of music and basic keyboard techniques such as scales, chords, and melodic lines. These courses may also include more advanced keyboard techniques.

Choir - Concert
Course ID 761

Department: Fine & Performing Arts
Auditions Required
Term: Year
Fee: No

Concert choir focuses on a deepening application of proper singing techniques and music theory. Students continue to learn correct vowel production, consonant production, breathing technique, expressiveness, and a 3 to 4 part choral repertoire. Repertoire includes a cappella and accompanied works from the Renaissance to the current century.

Music History/Appreciation
Course ID 771

Department: Fine & Performing Arts
Prerequisites: None
Term: Year
Fee: No

Music Appreciation is an introductory course to the different time periods in music. Students will explore music's various functionalities in order to gain a deeper understanding and appreciation for all types of music. The course begins by examining basic music literacy and core musical elements such as melody, rhythm, harmony, form, and texture. In addition, all major time periods with their corresponding musicians/genres will be introduced, explored, and investigated. Time periods and composers such as: Baroque (Bach, Classical (Mozart), Romantic (Beethoven), Contemporary (Hindemith), Jazz (Louie Armstrong), and Musical (Oklahoma) will all be discussed and research in depth. This course includes a broad series of lessons, interactive experiences, and activities that offer a variety of modalities for ultimate student engagement and content retention. Each unit contains a series of lessons that include introduction of content, virtual and audio demonstration of that content, and repeated opportunity to practice that content, along with a quiz per lesson, exam per unit, practical projects throughout, and a final exam at the end of the course. The ability to play an instrument or read music is not a required for this course.

Photography – Digital
Course ID 781

Department: Fine & Performing Arts
Prerequisites:
Term: Year
Fee: \$65

Photography courses expose students to the materials, processes, and artistic techniques of taking artistic photographs. Students learn about the operation of a camera, composition, lighting techniques, depth of field, filters, camera angles, and film development. As students advance, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their own artistic style. These courses may also cover major photographers, art movements, and styles.

SOCIAL SCIENCE - ELECTIVES

Sociology Course ID 609

Department: Elective / Social Science

Prerequisites:

Term: Semester

Fee: No

This course is an introduction to sociology as a way of understanding the world. Sociology is a field of study that explains social, political, and economic phenomena in terms of social structures, social forces, and group relations. During this course we will focus on several important sociological topics, including socialization, culture, the social construction of knowledge, deviance, crime, and self-control, social change, The Family, education, inequality, race and ethnic relations, poverty, and collective behavior.

Child Development Course ID 611

Department: Elective / Social Science

Prerequisites:

Term: Year

Fee: No

Child Development is a yearlong, elective class. Students will explore the development and growth of children from birth to 18 years. Emphasis is placed on helping students acquire research-based knowledge and skills essential to the positive development and care of children. A thorough study of a child's physical, intellectual, emotional and social development will be discussed through his or her various stages. Experience through direct observation and interaction with preschool-aged children is included.

This course is highly recommended for future parents and/or anyone interested in working with children (i.e. pediatrician, nurse, childcare provider, counselor, teacher, etc.) in any capacity. Additionally, it is a great class for students interested in babysitting.

Psychology Course ID 620

Department: Elective / Social Science

Prerequisites:

Term: Year

Fee: No

Psychology is a year-long, elective class. Scholars are introduced to the psychological study of research and behavior. Additionally, scholars will develop an understanding of basic psychological schools of thought and methodology. Major topics include research methods, learning & memory, the anatomy and physiology of the brain, sensation and perception, consciousness, social psychology, and psychological disorders & treatment.

AP Psychology Course ID 621

Department: Elective / Social Science

Prerequisites:

Term: Year

Fee: Cost of the AP exam

Following the College Board's suggested curriculum, this course is designed to parallel a college-level psychology course. The course introduces students to the systematic and scientific study of behavior and mental processes of human beings and other animals, expose students to each major subfield psychology, and enable students to examine the methods that psychologists use in their science and practice.

TECHNOLOGY - ELECTIVES

Computer Applications

Course ID 811

Department: Technology

Prerequisites:

Term: Semester

Fee: No

The technology application course: scholars acquire knowledge of and experience in the proper and efficient use of previously written software packages. This course explores a wide range of applications including the Microsoft and Google suite of programs. It is design to maximize your productivity and efficacy on these platforms.

Computer Science Discoveries

Course ID 821

Department: Technology

Prerequisites: Computer Applications

Term: Year

Fee: No

Check out this introductory computer science course where students learn problem solving through puzzles, challenges, and real life scenarios. Course content includes structuring and styling your own web pages, coding animations, creating interactive art, and designing exciting games in the Game Lab. Learn the tricks that make computers tick - digital data and how it is represented, as well as physical computing and its input. Bring computer code into real life using the Circuit Playground and get your hands dirty working on a physical circuit board. Lesson projects include Making a Game, Making Music, and Designing a Computer. Computer science is a fun, activity-driven class where students work together, hands-on, to produce smart and meaningful works of creativity. Don't be afraid of the future, learn how to program it!

OTHER - ELECTIVES

Release Time

Course ID RT

Department: Elective

Prerequisites: None

Term: Year

Fee: No

Release time is a non-credit bearing, off-site religious education course.