

# FLC Course Catalog

## English 1 <Sheltered><Web Recovery>

English 1 courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses introduce and define various genres of literature, with writing exercises often linked to reading selections.

## English 1 Honors

English Honors courses are designed to prepare students for AP Language and AP Literature courses in their 11th and 12th grades. While fulfilling all of the same goals of the regular English curriculum, students in the Honors courses will also become familiar with AP-approved strategies for analysis and writing. In the Honors classes, students read independently and are active participants in discussion.

As students transition from Honors English 1 to Honors level 2, they are expected to create individualized independent study plans that involve reading 3 novels per quarter, including at least one work of classic literature. There is a focus on reading and writing to analyze the complexity of literary texts and studying works through multiple, critical lenses. Students will also perform rhetorical analysis of nonfiction to understand how language is used as a persuasive tool. Studying mentor texts supports learners as writers and speakers who effectively engage multiple audiences. Everyone is expected to lead both small and large group discussions, as well as be open to sharing their writing for constructive feedback from peers. Participating in Honors and AP level courses will prepare students to meet the rigorous demands of universities and the modern workforce.

## English 2 <Sheltered><Web Recovery>

English 2 courses usually offer a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students can improve their reading rate and comprehension and develop the skills to determine the author's intent and theme and to recognize the techniques used by the author to deliver his or her message.

## English 2 Honors

English Honors courses are designed to prepare students for AP Language and AP Literature courses in their 11th and 12th grades. While fulfilling all of the same goals of the regular English curriculum, students in the Honors courses will also become familiar with AP-approved strategies for analysis and writing. In the Honors classes, students read independently and are active participants in discussion.

As students transition from Honors English 1 to Honors level 2, they are expected to create individualized independent study plans that involve reading 3 novels per quarter, including at least one work of classic literature. There is a focus on reading and writing to analyze the complexity of literary texts and studying works through multiple, critical lenses. Students will also perform rhetorical analysis of nonfiction to understand how language is used as a persuasive tool. Studying mentor texts supports learners as writers and speakers who effectively engage multiple audiences. Everyone is expected to lead both small and large group discussions, as well as be open to sharing their writing for constructive feedback from peers. Participating in Honors and AP level courses will prepare students to meet the rigorous demands of universities and the modern workforce.

## English 3 <Sheltered><Web Recovery>

English 3 courses continue to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses.

## English 4 <Sheltered><Web Recovery>

English 4 courses blend composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Typically, students primarily write multi-paragraph essays, but they may also write one or more major research papers.

## Journalism

Journalism courses (typically associated with the production of a school newspaper, yearbook, or literary magazine) emphasize writing style and technique as well as production values and organization. Journalism courses introduce students to the concepts of newsworthiness and press responsibility; develop students' skills in writing and editing stories, headlines, and

captions; and teach students the principles of production design, layout, and printing. Photography, photojournalism, and digital technology skills may be included.

## Poetry

Poetry courses aim to improve students' language arts and critical-thinking skills. Students determine the underlying assumptions and values within the selected works and also examine the structure, techniques, and intentions of poetry. Oral discussion is an integral part of this course, and written compositions are required.

## ELD 1 (English & Elective)

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

## ELD 2 (English & Elective)

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

## AP English Lang and Comp

The course requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods.

## AP English Lit and Comp

The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works.

## World History <Honors><Sheltered><Web Recovery>

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

## United States History <Sheltered><Web Recovery>

U.S. History courses provide students with an overview of the history of the United States, examining time periods from discovery or colonialism through World War II or after. These courses typically include a historical overview of political, military, scientific, and social developments. Course content may include a history of the North American peoples before European settlement.

## Social Science <Sheltered><Web Recovery>

Social Science courses combine a study of the structure of national, state, and local U.S. government with an overview of the principles of market economics. Course content may include contemporary U.S. issues. These courses prepare students to perform effectively as informed citizens.

## African American History <Honors><Sheltered><Web Recovery>

African American History provides students of all ethnicities an opportunity to explore ancient African civilizations, the slave trade, the role of African Americans (both enslaved and free) in the growth of our nation, the anti-slavery movement, the Civil War and Reconstruction, decades of cultural achievement despite continued repression and the Civil Right Movement, including legislative and judicial landmarks. The course is designed to meet the needs of minority students of African descent to 1) understand and appreciate their African origins and 2) trace the history of their forefathers' enslavement, liberation and on-going struggle for equality in the

United States. Students will engage in independent reading and research regarding the lives of prominent African American leaders.

## Survey of Law

Survey of Law courses examine the history and philosophy of law as part of U.S. society and include the study of the major substantive areas of both criminal and civil law, such as constitutional rights, torts, contracts, property, criminal law, family law, and equity. Although these courses emphasize the study of law, they may also cover the workings of the legal system.

## Philosophy

Philosophy courses introduce students to the discipline of philosophy as a way to analyze the principles underlying conduct, thought, knowledge, and the nature of the universe. Course content typically includes examination of the major philosophers and their writings.

## AP European History

The course has students investigate the content of European history for significant events, individuals, developments, and processes in four historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides five themes (interaction of Europe and the world; poverty and prosperity; objective knowledge and subjective visions; states and other institutions of power; and individual and society) that students explore throughout the course in order to make connections among historical developments in different times and places.

## Algebra 1 <Sheltered><Web Recovery>

Algebra 1 courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations.

## Algebra 1 Honors

Developing mathematical understanding and problem-solving abilities is an ongoing process. This course is designed to help students make sense of the mathematics they encounter both in and out of the class each day and to help them develop mathematical proficiency. Students will learn important mathematical principles involved with linear functions,

inequalities, and systems of both equations and inequalities. While the topics covered in Algebra 1 and Algebra 1 Honors will be the same, the Honors classes allow for a further in depth study of these topics. The problem solving and reasoning habits students will develop in this program will serve them in future studies and in daily life. They will prepare students for future success not only as a student, but also as a member of a changing technological society.

## Geometry <Honors><Sheltered><Web Recovery>

Geometry courses, emphasizing an abstract, formal approach to the study of geometry, typically include topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.

## Algebra 2 <Honors><Sheltered><Web Recovery>

Algebra 2 course topics typically include field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher degree equations; and operations with rational and irrational exponents.

## Discrete Math <Honors>

Discrete Mathematics courses include the study of topics such as number theory, discrete probability, set theory, symbolic logic, Boolean algebra, combinatorics, recursion, basic algebraic structures and graph theory.

## Pre-Calculus <Honors>

Precalculus courses combine the study of Trigonometry, Elementary Functions, Analytic Geometry, and Math Analysis topics as preparation for calculus. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations, inverses and graphs; trigonometric identities and equations; solutions of right and oblique triangles; vectors; the polar coordinate system; conic sections; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity.

## Math of Personal Finance

Math of Personal Finance courses reinforce general math topics (such as arithmetic using rational numbers, measurement, ratio and proportion, and basic statistics) and apply these skills to consumer problems and situations. Applications typically include budgeting, taxation, credit, banking services, insurance, buying and selling products and services, home and/or car ownership and rental, managing personal income, and investment.

## Language of Math Sheltered

The course is designed for newcomer high school students who either have limited and/or interrupted formal schooling or will benefit from a mathematics course to prepare them for Algebra I. In addition to learning and/or reviewing mathematical concepts and skills, students will expand their knowledge of the English academic language of mathematics.

## AP Statistics

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.

## AP Calculus AB

The course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

## Biology <Honors><Sheltered><Web Recovery>

Biology courses are designed to provide information regarding the fundamental concepts of life and life processes. These courses include (but are not restricted to) such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy.

## Chemistry <Honors><Sheltered><Web Recovery>

Chemistry courses involve studying the composition, properties, and reactions of substances. These courses typically explore such concepts as the behaviors of solids, liquids, and gases;

acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas and equations and nuclear reactions are also studied.

## Physics

Physics courses involve the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes examination of sound, light, and magnetic and electric phenomena.

## Physical Science Sheltered

Physical Science courses involve study of the structures and states of matter. Typically (but not always) offered as introductory survey courses, they may include such topics as forms of energy, wave phenomenon, electromagnetism, and physical and chemical interactions.

## Astronomy

Astronomy courses offer students the opportunity to study the solar system, stars, galaxies, and interstellar bodies. These courses usually introduce and use astronomic instruments and typically explore theories regarding the origin and evolution of the universe, space, and time.

## Environmental Science

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.

## Robotics

Robotics courses develop and expand students' skills and knowledge so that they can design and develop robotic devices. Topics covered in the course may include mechanics, electrical and motor controls, pneumatics, computer basics, and programmable logic controllers.

## AP Biology

Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes — energy and communication, genetics, information transfer, ecology, and interactions. This 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.



## AP Environmental Science

The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. Although there are no specific Environmental Science labs or field investigations required for the course, it is expected that students perform as many labs/field investigations as possible.

## AP Physics 1: Algebra-Based

Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. This 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.

## Spanish 1

Designed to introduce students to Spanish language and culture, Spanish 1 courses prepare students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information on a variety of topics. They introduce the relationships among the products, practices, and perspectives of Spanish-speaking cultures.

## Spanish 2 <Honors>

Spanish 2 courses build upon skills developed in Spanish 1, preparing students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information on concrete topics. Spanish 2 courses introduce the relationships among the products, practices, and perspectives of Spanish-speaking cultures.

## Spanish 3 Honors

Spanish 3 courses prepare students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information, concepts, and ideas on a variety of topics, including

connections to other subject areas. These courses expand students' knowledge of relationships among the products, practices, and perspectives of Spanish-speaking countries and cultures.

## Spanish for Native Speakers 1

Spanish for Native Speakers courses prepare native and heritage speakers to communicate in Spanish in all modes. These courses reinforce and expand students' skills to interpret (read, listen, view) and present (speak, write) information at the same level as they exchange (speak and listen; read and write) information, concepts, and ideas on a variety of topics. Spanish for Native Speakers courses advance students' understanding of the relationships among the products, practices, and perspectives of the cultures included in the Spanish-speaking world.

## Spanish for Native Speakers 2

Spanish for Native Speakers courses prepare native and heritage speakers to communicate in Spanish in all modes. These courses reinforce and expand students' skills to interpret (read, listen, view) and present (speak, write) information at the same level as they exchange (speak and listen; read and write) information, concepts, and ideas on a variety of topics. Spanish for Native Speakers courses advance students' understanding of the relationships among the products, practices, and perspectives of the cultures included in the Spanish-speaking world.

## AP Spanish Language and Culture

The course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. The course engages students in an exploration of culture in both contemporary and historical contexts.

## French 1

Designed to introduce students to French language and culture, French 1 courses prepare students to communicate authentically in French by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information on a variety of topics. They introduce the relationships among the products, practices, and perspectives of French-speaking cultures.

## French 2 <Honors>

French 2 courses build upon skills developed in French 1, preparing students to communicate authentically in French by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information on concrete topics. French 2 courses introduce the relationships among the products, practices, and perspectives of French-speaking cultures.

## French 3 Honors

French 3 courses prepare students to communicate authentically in French by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information, concepts, and ideas on a variety of topics, including connections to other subject areas. These courses expand students' knowledge of relationships among the products, practices, and perspectives of French-speaking countries and cultures.

## French for Native Speakers 1

French for Native Speakers courses prepare native and heritage speakers to communicate in French in all modes. These courses reinforce and expand students' skills to interpret (read, listen, view) and present (speak, write) information at the same level as they exchange (speak and listen; read and write) information, concepts, and ideas on a variety of topics. French for Native Speakers courses advance students' understanding of the relationships among the products, practices, and perspectives of the cultures included in the French-speaking world.

## French for Native Speakers 2

French for Native Speakers courses prepare native and heritage speakers to communicate in French in all modes. These courses reinforce and expand students' skills to interpret (read, listen, view) and present (speak, write) information at the same level as they exchange (speak and listen; read and write) information, concepts, and ideas on a variety of topics. French for Native Speakers courses advance students' understanding of the relationships among the products, practices, and perspectives of the cultures included in the French-speaking world.

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## Business Administration 1

Do you see yourself working alongside top business executives as an invaluable administrator? The Business Administration program is designed for students who want to learn the skills required to support administrative and business operations. Instruction includes Microsoft Office Word and Excel, and prepare students to take Microsoft Office Specialist(MOS) exams, a globally recognized standard. Students learn accounting, business concepts, personal finance and the general office skills that make candidates stand out to employers.

## Business Administration 2

Do you see yourself working alongside top business executives as an invaluable administrator? The Business Administration program is designed for students who want to learn the skills required to support administrative and business operations. Instruction includes Microsoft Office Word and Excel, and prepares students to take Microsoft Office Specialist(MOS) exams, a globally recognized standard. Students learn accounting, business concepts, personal finance and the general office skills that make candidates stand out to employers.

## Clinical Medical Assistant 1

No description

## Clinical Medical Assistant 2

No description

## Health

Health Education, Core Curriculum, addresses the knowledge and skills needed by students to understand health risks and the importance of healthy choices. Students receive instruction regarding choices and consequences of behaviors that result in unintentional and intentional injury, tobacco use, alcohol and other drug use, sexual behaviors that result in HIV infection, other sexually transmitted diseases, or unintended pregnancy, imprudent dietary behaviors and inadequate physical activity. Students will also review the concepts of personal, mental, consumer, community and environmental health. Students will refine critical thinking, personal and social skills in relationship to maintaining their own health and transitioning to a healthy adulthood. This course of study will reinforce the students' ability to access accurate health information, make healthy decisions, take responsibility for their personal health, and the importance of advocating healthy choices to others as they prepare to enter post-secondary institutions, the workplace and adulthood.

## Physical Education

Physical Education, Core Curriculum, includes content and skills to support students' proficiency in physical fitness concepts, self-reliance and self-confidence activities and team and individual sports concepts and skills. Students are provided with opportunities to explore a variety of activities that promote healthy fitness, including traditional and non-traditional choices.

Emphasis is placed on individual improvement and maintenance of fitness within an established healthy zone. Students are introduced to the careers that are available in the health and fitness professions. Students will exhibit expertise in setting individual goals for lifelong fitness and wellness.

## Officiating and Management

This course is meant to provide students with a greater understanding involved with the officiating and management of a sporting event. Students will learn how to develop an event from discussion through fruition to assist local recreational sports youth groups in the operation of their programs. This course would address; sportsmanship guidelines, parental guidelines, gameday preparation, coaches responsibilities, injury management, facility management, fundraising, recruitment, tournaments and officiating. The class will focus on officiating and safety by assisting students as they prepare for a Soccer Referee exam so they can help their neighborhood teams and earn money, as well as provide First Aid-CPR- AED instruction so students can take a Red Cross Certification Challenge and become a certified rescuer.

## Introduction to Art

The purpose of this course is to offer a basic introduction into the world of art and art production through lessons on a fundamental level. Students are encouraged to learn basic drawing and painting techniques and methods to establish confidence when creating images on paper. Students will experiment with different art media and techniques that may include making prints, design projects, sculpture and posters. This course may only be offered to students prior to taking art 1.

## Art History

This is a general art history survey course that spans the chronology of time. Students will study western and non-western art history from ancient to modern time. Students will learn about master works of art and artists from major art historical periods. Art History is a non- studio visual arts course.

## Cultural Tradition in the Arts

Cultural Traditions in the Arts is an introduction to modern and ancient cultures through their art forms. Students will learn about different cultures by their use of technical skills, quality of art, artifacts, music, theater, dance and oral history. By studying both functional and decorative arts throughout history, students will be able to better understand the world even without the existence of a written language.

## Ceramics 1

Ceramics is a course for students interested in working 3-dimensionally with clay. Students will learn manipulative techniques such as pinch, slab, coil, sculpture in the round and beginning centering and throwing methods on the potter's wheel. The course syllabus will also include learning about the firing of clay objects and firing cycles for bisque and glaze firing. Students will experiment with additive hand building and carving in various sculptural materials.

## Ceramics 2

Ceramics 2 stresses skill and technique refinement. Students will be introduced to throwing techniques on the potter's wheel and complete a centered pot, mold making and using molds as a means of mass production and create a unique ceramic piece using applied skills and problem solving techniques. Students will study the works of ceramic artists and create a ceramic piece replicating the style or genre of an individual artist or art period. This course is open to students who have successfully completed Ceramics 1.

## Photographic Media

This course is designed for students who want to become more knowledgeable using digital cameras as well as landscape, portrait, night, macro and action photography. Students will learn how to manipulate their images by controlling camera settings and composition using the camera and through the use of i photo and Adobe Creative Design Suite programs on the computer. Through practical photographic activities and photographic history students will strengthen their photographic skills and experience.

## Sculpture 1

This course explores all aspects of the sculptural process. Students will learn the principles, practices and techniques of 3-dimensional forms using a wide variety of sculptural materials both traditional and experimental. Students will create sculptures using paper and cardboard and advance to clay, plaster, metal wood, wire and found objects.

## Sculpture 2

Students will develop more advanced skills in 3-dimensional perception, composition and structure in the creation of sculpture. Students will develop an individual direction through intensive studio work and research. Progress is reviewed through individual and group critiques. This course is open to students who have successfully completed Sculpture 1.

## Introduction to Visual Arts

Visual Arts is designed to provide students with the opportunity to develop aesthetically using their imagination and creativity. The purpose of the course is to stimulate and train visual awareness and perception and to learn how to critique works of art. Students are encouraged to discover, develop and appreciate the arts of various cultures and to gain skills through training and experimentation using a variety of art media such as drawing, painting, printmaking, ceramics and sculpture.

## Visual Arts 1

This course is designed for beginning student art majors. This course introduces a variety of techniques and 2-dimensional and 3-dimensional media such as drawing, painting, printmaking, ceramics and sculpture. Students will learn about art history through writing and researching the work of a variety of artists and art genres

## Graphic Design 1

Graphic Design 1 will use design software and/or by hand create visual images. Students will learn basic drawing, painting, photography and typography techniques to create visual images generated by computer using the Adobe Creative Suite and or by hand. Students need to have basic computer and art skills to take this course.

## Graphic Design 2

Students will continue to develop their graphic design skills by exploring more advanced level. Drawing, painting, photography and typography techniques used to create visual images generated by computer using the Adobe Creative Suite and or by hand will be taught in greater detail. This course is open to students who have successfully completed Graphic Design 1.

## Band

Students participate in instrumental (woodwinds, brass, percussion) music through performances in concert band, marching band, jazz band, and other small and large ensembles. The performers experience a variety of musical styles and periods of music. Outstanding

students are given the opportunity to participate in the Annual All Philadelphia High School Symphonic Band held in the spring.

## Guitar 1

Students engage in the basics of playing the guitar in a class setting. Skills include technique, reading standard music notation, intro to chords and solo pieces, and popular songs. Genres range from folk, to classic rock, to modern or contemporary popular music.

## Orchestra

Students participate in instrumental (woodwinds, brass, percussion, and strings) music through performances in string ensembles, orchestra, and other chamber ensembles. The performers experience a variety of musical styles and periods of music. Outstanding students are given the opportunity to participate in the Annual All Philadelphia High School Orchestra held in the spring.

## Dance

This is an overview course in dance. In this course students will review the elements of dance and build awareness of personal movement preferences when exploring the element/sub-elements of dance and work to broaden those affinities. Students will develop and demonstrate competence and a sense of personal discipline in rehearsal and performance processes. Students will define the relationship between form and meaning in various cultural dances and consider how these change when performed for an audience. Through both the Ballet and Jazz idioms, students learn total body awareness and the joy of dancing.

## Dance Technique and Comp

This course is designed to further enhance the training and interest of those students who have previous dance experience and professional aspirations. Various concert dance genres including modern, ballet and jazz will be studied. The intermediate class will stress creativity, personal expression, technique, dance composition and performance skills. The curriculum includes performances of both student and faculty choreography. This course may only be taken by audition or with the permission of the instructor.

## Modern Dance

This course is based on the dance style opposed to formalism and rigidity that arose in the early 20th century in the United States and Europe. Modern dance encompasses many forms and movements from the balletic to the experimental and is constantly evolving. Thorough warm-up



exercises, strength, coordination and flexibility training students will learn how to create combined movement as self-expression.

## Choir

Students participate in choral singing: large and small ensembles, voice training and development, sight-reading and ear training, harmony, music theory, and composition. Choral singing provides the opportunities for students to study music of diverse genres and cultures as well as different periods of music history. Outstanding students are given the opportunity to participate in the Annual All Philadelphia High School Choir held in the spring.

## Musical Theatre

Musical Theater courses provide students with the opportunity to explore and/or participate in various aspects of musical theater, including auditioning, singing, acting, and dancing. These courses review the history and evolution of musical theatre, its literature and artists, and styles of composition and vocal presentation. Students work collaboratively on performances, including solo, duet, and ensemble work.

## Introduction to Music

Students participate in an introduction to fundamental concepts of music including instruments, notation, theory, and history. The students experience a variety of musical styles and periods and engage in discussions of topics related to music in everyday life and careers in the music industry.

## Music Theory 1

Music Theory and Practice is designed for students who are interested in further exploration of music principles. The purpose of this course is to acquaint students with the basic design of music; how to build chords, music composition, etc., all within a historical context.

## AP Studio Art: 2-D Design

This course is designed for students who are seriously interested in the practical experience of 2-D Design. Students submit a portfolio for evaluation at the end of the school year to demonstrate the artistic skills and ideas they have developed, refined, and applied over the course of the year to produce visual compositions in 2-D design.

## AP Studio Art: Drawing

This course is designed for students who are seriously interested in the practical experience of Drawing. Students submit a portfolio for evaluation at the end of the school year to demonstrate the artistic skills and ideas they have developed, refined, and applied over the course of the year to produce visual compositions in Drawing.

## AP Music Theory

Musicianship skills, including dictation and other listening skills, sight singing, and harmony, are considered an important part of the course. Through the course, students develop the ability to recognize, understand, and describe basic materials and processes of tonal music that are heard or presented in a score. Development of aural skills is a primary objective. Performance is also part of the curriculum through the practice of sight singing. Students understand basic concepts and terminology by listening to and performing a wide variety of music. Notational skills, speed, and fluency with basic materials are also emphasized.

## Senior Capstone Sheltered

Senior Capstone courses vary widely, but typically offer the opportunity to investigate areas of interest. Course objectives may include improvement of research and investigatory skills, presentation skills, interpersonal skills, group process skills, and problem-solving and critical-thinking skills.

## Intro to Web Design

Guaranteed to be one of the most relevant careers in our digital world, the Web Design program provides a foundation for a career creating the web pages that are an integral part of our lives. Students learn to apply HTML, XML, JavaScript, and graphics applications to develop, maintain, and operate websites. Instruction includes web design standards and policies, user interfaces, special effects, interactive and multimedia components, search engines, e-commerce tools, and emerging web technologies.

## Intro to Business Admin

Do you see yourself working alongside top business executives as an invaluable administrator? The Business Administration program is designed for students who want to learn the skills required to support administrative and business operations. Instruction includes Microsoft Office Word and Excel, and prepare students to take Microsoft Office Specialist(MOS) exams, a globally recognized standard. Students learn accounting, business concepts, personal finance and the general office skills that make candidates stand out to employers.

## Intro to Clinical Med Assist

The Medical/Clinical Assistant program is perfect for students who want to be part of the medical industry. Learn how to assist physicians by performing functions related to both administrative and clinical duties of a medical office. Prepares students to assist physicians by performing functions related to administrative and clinical duties of a medical office.

## Computer Science Honors

Computer Science courses provide students the opportunity to use programming, computational thinking, and data analytics to create digital artifacts and documents representing design and analysis in areas including the Internet, algorithms, and the impact that these have on science, business, and society. Computer Science Principles courses teach students to use computational tools and techniques including abstraction, modeling, and simulation to collaborate in solving problems that connect computation to their lives.

## Intro to Tech and Comp App

Technology and Computer Application course provides students the knowledge and ability to use computers and technology efficiently. Typically, course content includes exposure to word-processing, spreadsheet, and presentation applications, but also may include the various uses of computers in modern society. Specific course content aligns with state standards to promote students' technological literacy.

## AP Computer Science A

The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems.