

# San Jose Virtual School Course Directory 2021-2022



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## **GENERAL INFORMATION**

### **CURRICULUM**

The school has partnered with Edgenuity to provide Florida State standards-aligned, online courses for grade K-12 students and Adult Learners. The curriculum offers a variety of customizable courses that include direct-instruction videos featuring expert, on-screen teachers with rigorous assignments, performance tasks and assessments to engage students and ensure subject-area mastery. The Edgenuity curriculum meets Florida graduation requirements.

### **ADULT LEARNER PROGRAM**

Attaining a high school-level education improves job prospects and earning potential. Adult students age 19 or older who were unable to graduate in the traditional way can complete the work virtually to earn an accredited high school diploma. Contact SJVS to get started.

### **ADVANCED AND HONORS COURSES**

Advanced and honors courses require a greater demand on students through increased academic rigor. Academic rigor is obtained through the application, analysis, evaluation, and creation of complex ideas that are often abstract and multi-faceted. Students are challenged to critically think about the content they are learning.

### **AP COURSES**

The Advanced Placement Program (AP) enables willing and academically prepared students to pursue college-level studies while still in high school. The program consists of college-level courses developed by the AP Program that high schools can choose to offer, and corresponding exams that are administered once a year through the College Board. AP textbooks are included; there is no need to purchase textbooks. Once ordered, it generally takes up to two weeks to arrive at our main office in Jacksonville, FL. We then mail textbooks to the student's address, with the average order arriving in 3-10 business days from shipment date, or we can make arrangements for pickup.

### **DUAL ENROLLMENT**

Full-time students can take dual credits during their junior and senior years. This means that students are dually enrolled with San Jose Virtual School and a partnering college. SJVS currently partners with Doral College, located in Doral, Florida. Doral College offers an Associate of Arts degree in Liberal Studies. Courses are offered in face to face, online, and hybrid formats, during fall, spring and summer semesters. Upon successful completion of required coursework and assessments, dual enrolled students who began taking courses during their junior year may potentially graduate with both a high school diploma from San Jose Virtual School and an A.A. degree from Doral College. Note: Not all Program courses are available every semester. Course availability is subject to adequate enrollment.

## ELEMENTARY SCHOOL (K-5) COURSE DIRECTORY

### LANGUAGE ARTS

**Language Arts K** - Students learn vocabulary with multiple meanings and learn how words in a sentence relate to each other. Students learn phonics to sound out words while reading. Students are exposed to emergent-reader books and asked to answer questions about the plot, key ideas, and details of the story. Students learn to explain relationships between text and the illustrations and compare and contrast two different books on the same topic.

**Language Arts 1** - Students develop skills for reading, writing and listening. Students learn syllables within a word and sounds, and learn how to explain the differences between the books that tell stories and give information.

**Language Arts 2** - Students enhance their reading and writing skills by answering questions about a story. Students will understand that rhythm, structure, and points of view add meaning to the story.

**Language Arts 3** - Students learn the difference between literal and non-literal language. Students learn about chapters, scenes, and stanzas of written work and how these pieces fit together to produce a whole story. Students further develop their writing skills by learning how to use linking words and phrases, and words and phrases that show the order of events.

**Language Arts 4** - Students learn how to link text to prior knowledge, and how to determine if information is a first or second hand account. Students practice reading nonfiction and learn how to make predictions about what will happen next in a story. Students continue writing practice and learn how to paraphrase to write essays.

**Language Arts 5** - Students learn about grammar, practice reading different types of literature, and learn skills to be a good writer. Students learn how to make inferences, read context clues, and read to learn information. Students continue writing practice by learning how to express opinions, write letters, use literary devices, use word relationships in poetry, and compare and contrast texts.

### MATHEMATICS

**Mathematics K** - Students use numbers, including written numerals, to represent quantities and to solve problems. Students describe their physical world using geometric ideas (shape, orientation, spatial relations) and vocabulary.

**Mathematics 1** - Students develop strategies for adding and subtracting whole numbers based on their prior work with small numbers. Students develop and use different methods to add within 100 and subtract multiples of 10. Students develop an understanding of the meaning and processes of measurement.

**Mathematics 2** - Students extend their understanding of the base-ten system. Students use their understanding of addition to develop fluency with addition and subtraction within 100. Students recognize the need for standard units of measure (centimeter and inch). Students describe and analyze shapes by examining their sides and angles.

**Mathematics 3** - Students develop an understanding of the meanings of multiplication and division of whole numbers. Students develop an understanding of fractions. Students recognize area as an attribute of two-dimensional regions. Students describe, analyze, and compare properties of two-dimensional shapes.

**Mathematics 4** - Students generalize their understanding of place value to 1,000,000, understanding the relative sizes of numbers in each place. Students develop understanding of fraction equivalence and operations with fractions. Students describe, analyze, compare, and classify two-dimensional shapes.

**Mathematics 5** - Students apply their understanding of fractions and fraction models to represent the addition and subtraction of fractions with unlike denominators as equivalent calculations with like denominators. Students develop understanding of why division procedures work based on the meaning of base-ten numerals and properties of operations. Students recognize volume as an attribute of three-dimensional space.

## SCIENCE

**Science K** - Students learn about Earth and space, and about gravity and its effect on objects. Students learn to identify the moon, sun, stars and the differences between the day and night.

**Science 1** - Students learn about physical science, biology, and geology. Students learn the difference between living and nonliving things based on their properties. Students learn about different types of plants and animals. Students study the functions of the organs in their body. Students explore the Earth and study how the Earth changes through weathering, erosion, and earthquakes. Students learn about the three states of matter and how to describe their properties.

**Science 2** - Students learn about gravity and magnets, how substances change from one state to another, the characteristics of plants and animals, and the function of key organs in the human body, such as the brain, heart, muscles, and digestive system.

**Science 3** - Students learn about plants, animals, and ecosystems. Students learn about comets, asteroids, meteoroids, and about the contributions of Galileo to astronomy. Students study about types of energy such as light, sound, heat and electricity.

**Science 4** - Students learn about matter and its states, elements, atoms and properties of matter. Students learn the differences between molecules, compounds and mixtures. Students learn about the solar system and the movement of Earth.

**Science 5** - Students learn about the solar system and planets, atomic theory and states of matter, the law of conservation of energy, and electricity and its properties.

## **SOCIAL STUDIES**

**Social Studies K** - Students learn about themselves, their families, and the community. Students are introduced to basic concepts related to history, geography, economics, and citizenship.

**Social Studies 1** - Students expand their knowledge of family and community through explorations in history, geography, and economics and learn about their role as a citizen in their home, school, and community.

**Social Studies 2** - Students investigate the impact of immigration over time in the United States, explore the geography of North America, and discover the foundations of American citizenship.

**Social Studies 3** - Students learn about the physical and cultural characteristics of North America and the Caribbean, and focus on the regions of the United States, Canada, Mexico, and the Caribbean Islands.

**Social Studies 4** - Students learn about Florida history focusing on exploration, colonization, growth, and the 20th Century and beyond. Students study the important people, places, and events that helped shape Florida history.

**Social Studies 5** - Students study the development of the United States with emphasis on the people, places and events up to approximately 1850. Students learn about the historical, geographic, political, economic, and sociological events which influenced the initial inhabitation, exploration, colonization, and early national periods of American History.

## **ELECTIVES (K-5)**

### **ART**

**Arts & Crafts, K-2** - This course includes exploratory experiences that introduce a variety of concepts and ideas, and the safe use of materials. Students learn art vocabulary, terms, and procedures during the creative process that help them describe and talk about their work.

**Art Level 1** - Students experiment with a variety of concepts and ideas in art while using materials correctly and safely to convey personal interests. Students use accurate art vocabulary, terms, and procedures during the creative process to describe and talk about their work.

**Art Level 2** - Students experiment with a variety of two- and three-dimensional concepts and ideas in art. Materials are correctly and safely applied to convey personal interests and self-expression. Students use accurate art vocabulary, terms, and procedures with resources and time-management

skills during the creative process. Attributes of artworks from individuals, cultures, and time are identified, described, and discussed.

**Art Level 3** - Students incorporate a variety of two- and three-dimensional concepts and ideas in art. Materials are correctly and safely applied to convey personal interests and self-expression. Observation skills, prior knowledge, and art criticism skills are employed to reflect on and interpret works of art. Students use accurate art vocabulary, terms, and procedures with resources and time-management skills during the creative process.

**Art Level 4** - Students incorporate a variety of two- and three-dimensional concepts and ideas in art to convey meaning and relevance. Materials are correctly, safely, and responsibly applied to achieve diverse effects and meet established criteria. Observation skills, prior knowledge, and art-criticism skills are employed to reflect on and revise works of art. During the creative process, students use accurate art vocabulary, terms, and procedures, as well as time-management and collaborative skills.

## HEALTH

**Health K-1** - Students learn to make healthy choices with the overall goal of improving quality of life. Students identify various health and safety influences, including family, friends, school, community, and media.

**Health 2-3** - Students learn to make healthy choices with the overall goal of improving quality of life. Students learn to describe personal health and ways that a safe, healthy home environment can promote personal health and prevent injuries.

**Health 4-5** - Students learn to make healthy choices with the overall goal of improving quality of life. Students learn to describe the relationship between a healthy behavior, environment and personal health, and learn how to prevent injuries and health problems.

## MUSIC

**Recorders Level 1** - Students experience and learn new songs; learn about rhythms, notes, and begin learning how to play the recorder.

## PHYSICAL EDUCATION

**Physical Education K-1** - Establish a basic understanding of health and fitness. Focus on health-related fitness and learn how to become more fit and healthy. Learn about the following topics: exercise safety, making healthy choices, and nutrition; the benefits, components, and principles of fitness; basic anatomy and physiology; the values of cooperation and teamwork; age-appropriate motor, non-locomotor, and manipulative skills.

**Physical Education 2-3** - Establish a basic understanding of health and fitness. Focus on health-related fitness and learn how to become more fit and healthy. Learn about the following topics: warm-up and cool down, water safety, goal setting, nutrition, muscle strength and flexibility; age-appropriate motor, non-locomotor, and manipulative skills.

**Physical Education 4-5** - Establish a basic understanding of health and fitness. Focus on health-related fitness and learn how to become more fit and healthy. Learn about the following topics: warm-up and cool down, water safety, goal setting, nutrition, muscle strength and flexibility; age-appropriate motor, non-locomotor, and manipulative skills.

## TECHNOLOGY

**Keyboarding** - Students develop basic keyboarding skills and understand finger placement to improve their keyboarding technique. Students learn correct posture and the functions of the keyboard and mouse to develop dexterity, finger association, and muscle memory.

**Scratch Coding** - Students learn the basics of programming and create interactive media such as animations, games, and stories.

## MIDDLE SCHOOL (6-8) COURSE DIRECTORY

### LANGUAGE ARTS

**M/J Language Arts 1; M/J Language Arts 1 Advanced** - Students use texts of appropriate complexity to receive integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness. Narrative fiction, poetry, literary nonfiction, and informational texts are incorporated to build reading, writing and critical thinking skills. Practice and develop writing skills to produce narrative, argumentative, and explanatory essays.

**M/J Language Arts 2; M/J Language Arts 2 Advanced** - Students use texts of high complexity to receive integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness. Develop communication and reading comprehension skills; strengthen critical analysis skills while studying how nonfiction texts and literature can be used to share ideas.

**M/J Language Arts 3; M/J Language Arts 3 Advanced** - Students use texts of high complexity to receive integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness. Analyze various genres of literature to make connections with historical perspectives and the arts. Build on critical thinking and writing skills by studying a range of classic and contemporary literature.

**M/J Reading 1** - Students increase reading fluency and endurance through integrated experiences in the language arts. This course incorporates reading and analysis of literary and informational

selections to develop critical and close reading skills. At the end of 6th grade students are expected to read and comprehend texts in the 6-8 grade complexity band proficiently and read texts at the high end of the band with support. Students enrolled in the course will be challenged with increasingly complex text.

## MATHEMATICS

**M/J Grade 6 Mathematics; M/J Grade 6 Mathematics Advanced** - Connect ratio and rate to whole number multiplication and division and use concepts of ratio and rate to solve problems; practice division of fractions and extend the notion of number to the system of rational numbers, which includes negative numbers; write, interpret, and use expressions and equations; develop an understanding of statistical thinking.

**M/J Grade 7 Mathematics; M/J Grade 7 Mathematics Advanced** - Develop an understanding of and apply proportional relationships; develop an understanding of operations with rational numbers and work with expressions and linear equations; solve problems involving scale drawings and informal geometric constructions, and work with two- and three-dimensional shapes to solve problems involving area, surface area, and volume; draw inferences about populations based on samples.

**M/J Grade 8 Pre-Algebra** - Work with radicals and integer exponents; understand the connections between proportional relationships, lines, and linear equations; analyze and solve linear equations and pairs of simultaneous linear equations; define, evaluate, and compare functions; use functions to model relationships between quantities; understand congruence and similarity using physical models, transparencies, or geometry software; understand and apply the Pythagorean Theorem.

**Algebra 1 Honors** - Formalize and extend the mathematics learned in the middle grades. Deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend. Engage in methods for analyzing, solving, and using quadratic functions.

## SCIENCE

**M/J Comprehensive Science 1 Advanced** - A basic intermediate course intended to expose students to the designs and patterns in the physical universe. Provides a broad survey of the major areas of science, which include the study of plant systems, weather, plant and animal characteristics, the Earth, electricity and magnetism, and the different forms of energy.

**M/J Comprehensive Science 2 Advanced** - A basic intermediate course intended to expose students to the designs and patterns in the physical universe. Develop basic scientific skills and a broad survey of the major areas of science, which include an overview of major areas of science, mathematics in science, astronomy, the atmosphere, natural cycles, weather and climate, human anatomy and physiology, and careers in science.

**M/J Comprehensive Science 3 Advanced** - The course covers a variety of topics in the field of science, including an overview of chemistry, Earth and space science, and life sciences. Develop scientific inquiry skills and apply these skills to experiments. Apply mathematical concepts within the field of science.

**M/J Earth/Space Science** - The course is an overview of the structure of the Earth, of our solar system, galaxy and universe; of scientific inquiry and how scientific investigations are conducted; of basic cycles on Earth and how the Earth has changed over time, the layers of the Earth, how forces inside impact the surface, and how the Earth fits into our solar system and beyond.

**M/J Life Science** - The course focuses on the building blocks of life and the processes that sustain life on Earth to develop an understanding of life forms and how energy is passed from organism to organism. Learn how humans have impacted the Earth and how to lessen that impact.

**M/J Physical Science** - The course introduces students to the basic skills that scientists use when making scientific investigations and conducting scientific inquiry. This course covers the concepts of force and motion, light and the electromagnetic spectrum, and chemistry.

## **SOCIAL STUDIES**

**M/J Civics Advanced** - Learn about the principles, functions, and organization of government; the origins of the American political system; the roles, rights, responsibilities of United States citizens; and methods of active participation in our political system. The course is embedded with strong geographic and economic components to support civic education instruction.

**M/J United States History; M/J United States History Advanced**- Study American history from the Exploration and Colonization period to the Reconstruction Period following the Civil War. Learn about the historical, geographic, political, economic, and sociological events which influenced the development of the United States and the resulting impact on world history.

**M/J World Geography** - Study the usage of geographic concepts, tools, and skills to draw conclusions about physical and human patterns. Develop an understanding of world political regions in terms of location, physical characteristics, population and culture, historical change, economic activity, and land use. Study methods of historical inquiry and primary and secondary historical documents.

**M/J World History; M/J World History Advanced** - Learn about the world's earliest civilizations to the ancient and classical civilizations of Africa, Asia, and Europe. Study the multiple dynamics of world history including economics, geography, politics, and religion/philosophy. Study methods of historical inquiry and primary and secondary historical documents.

## **ELECTIVES (6-8)**

**M/J Creative Photography A & B** - Explore the aesthetic foundations of art using beginning photography techniques. Learn how to use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works.

**M/J Digital Art and Design** - Explore the fundamental concepts, terminology, techniques, and applications of digital imaging to create original work. Students produce digital still and/or animated images.

**M/J Exploring Music 1 A & B** - Explore the essential elements of 20th- and 21st-century music in America (e.g., jazz, rock, soul, blues) and global cultures (e.g., Latin, Bollywood, European, Asian, world drumming). Reflect on the significance of social influences and historical events on the development of music. Focus on the creation, use, and performance of music; and the modes of listening, distributing, and gaining access to music.

**World Language 1** (Chinese, French, German, Spanish) - The course introduces students to the target language and its culture. Develop communicative skills in all modes of communication and cross-cultural understanding. Emphasis is placed on proficient communication in the language. An introduction to reading and writing is also included as well as culture, connections, comparisons, and communities.

**World Language 2** (Chinese, French, German, Spanish) - The course reinforces the fundamental skills acquired in World Language 1. Develop increased listening, speaking, reading, and writing skills as well as cultural awareness. Specific content to be covered is a continuation of listening and oral skills acquired in World Language 1. Reading and writing receive more emphasis, while oral communication remains the primary objective.

## HIGH SCHOOL (9-12) COURSE DIRECTORY

### LANGUAGE ARTS

**Creative Writing 1\*** - This course provides students with a solid grounding in the writing process, from finding inspiration to building a basic story to using complicated literary techniques and creating hybrid forms of poetry. Students will learn how to discover their creative thoughts and turn those ideas into fully realized pieces of creative writing. Course Length: Semester; Number of Credits: Half credit (.5)

**English 1; English Honors 1** - Engage in literary analysis and inferential evaluation of classic and contemporary texts. The course involves critically reading fiction, poetry, drama, and literary nonfiction to improve comprehension and literary-analysis strategies. Read and analyze a range of classic texts and study short but complex texts, including influential speeches. Learn how to strengthen and produce clear, coherent writing. Course Length: Year; Number of Credits: One credit (1)

**English 2; English Honors 2** - Focus on application and reinforce literary analysis and twenty-first century skills with interesting pieces of literature and literary nonfiction, application e-resources, and educational interactives. Improve your literary analysis skills and learn how to apply them to a range of genres and text structures. Learn about media literacy, career skills, and the essentials of grammar and vocabulary. Learn how to compose descriptive, persuasive, expository, literary analysis, research, narrative, and compare-contrast essays. Course Length: Year; Number of Credits: One credit (1)

**English 3; English Honors 3** - Delve into American literature from early American Indian voices through contemporary works. Engage in literary analysis and inferential evaluation of great texts. The course involves critically reading fiction, poetry, drama, and expository nonfiction to improve comprehension and literary analysis strategies. Read and analyze a range of short but complex texts. Continue to strengthen and produce creative, coherent writing. Course Length: Year; Number of Credits: One credit (1)

**English 4; English Honors 4** - Explore British literary traditions spanning from Anglo-Saxon writing to the modern period. Connect philosophical, political, religious, ethical, and social influences of each time period to the works of many notable authors. Learn about world literature and study literary works from India, Europe, China, and Spain. Course Length: Year; Number of Credits: One credit (1)

**English 4: Florida College Prep** - This course incorporates reading and writing study through writing a variety of informative texts using grade-level writing craft and through the in-depth reading and analysis of informational selections in order to develop critical reading and writing skills necessary for success in college. Course Length: Year; Number of Credits: One credit (1)

## MATHEMATICS

**Algebra 1; Algebra 1 Honors** - Learn about relationships between quantities and reasoning with equations; linear and exponential relationships; descriptive statistics; expressions and equations; and quadratic functions and modeling. Course Length: Year; Number of Credits: One credit (1)

**Algebra 2** - Learn about polynomial, rational, and radical relationships; trigonometric functions; modeling with functions; inferences and conclusions from data; applications of probability. Course Length: Year; Number of Credits: One credit (1)

**Geometry; Geometry Honors** - Learn about congruence, proof, and constructions; similarity, proof, and trigonometry; extending to three dimensions; connecting algebra and geometry through coordinates; circles with and without coordinates. Course Length: Year; Number of Credits: One credit (1)

**Liberal Arts Math 1** - Explore basic algebraic fundamentals such as evaluating, creating, solving and graphing linear, quadratic, and polynomial functions. Course Length: Year; Number of Credits: One credit (1)

**Liberal Arts Math 2** - Review algebraic concepts before moving on to a variety of key algebraic, geometric, statistical and probability concepts. Develop computational skills and extend knowledge through problem solving and real-world applications. Course Length: Year; Number of Credits: One credit (1)

**Math for College Readiness** - The course focuses on reinforcing core concepts from Algebra I, Geometry, and Algebra II. It starts with a review of algebraic concepts before moving on to a variety of key algebraic, geometric, statistical, and probability concepts. Course Length: Year; Number of Credits: One credit (1)

**Precalculus Honors** - A comprehensive course that includes previous study of algebra, geometry, and functions into a preparatory course for calculus. Study linear, quadratic, exponential, logarithmic, radical, polynomial, and rational functions; systems of equations; and conic sections. Course Length: Year; Number of Credits: One credit (1)

## SCIENCE

**Biology 1** - Learn about organisms and their relationship with the environment around them, using the basic principles of ecology. Study the anatomy, physiology and morphology in regards to plant and animal structure, function and behavior. Course Length: Year; Number of Credits: One credit (1)

**Chemistry 1 Honors** - An introductory course explaining the composition of matter. Emphasis is placed on chemical principles and their application, problem solving, and the development of laboratory skills. Course Length: Year; Number of Credits: One credit (1)

**Earth/Space Science** - Study the processes that shape the Earth and explain the universe. Explore geology, oceanography, meteorology, and astronomy. Learn about the Earth's interior and the theory of plate tectonics. Learn about Earth's systems and their interactions. Explore the current theories that describe the formation of Earth, our Solar System, and the universe. Learn about the relationship between Earth Science and technology. Course Length: Year; Number of Credits: One credit (1)

**Environmental Science** - Learn about ecology, the biosphere, land, forests and soil, water, energy and resources, and societies and policy. Connect scientific theory and concepts to current, real-world dilemmas. Course Length: Year; Number of Credits: One credit (1)

**Integrated Science 1** - Learn about the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures. Develop a growing understanding of the complexity and ambiguity of empirical work; develop the

skills to calibrate and troubleshoot equipment used to make observations; understand measurement error; develop the skills to aggregate, interpret, and present the resulting data. Course Length: Year; Number of Credits: One credit (1)

**Integrated Science 2** - A follow-up science course from Integrated Science 1 covering basic concepts found in physics, astronomy, Earth science, chemistry, biology, health, and scientific measurement. Course Length: Year; Number of Credits: One credit (1)

**Integrated Science 3** - A follow-up science course from Integrated Science 1 and 2. Covering more in depth concepts found in physics, astronomy, Earth science, chemistry, biology, genetics, and scientific inquiry and discovery. Course Length: Year; Number of Credits: One credit (1)

**Physical Science; Physical Science Honors**- An introductory course designed to allow students to explore the basic concepts of physical science. Students will be introduced to the history and nature of science. The course includes an introduction to the fundamental concepts of physics, chemistry, astronomy and Earth science. Course Length: Year; Number of Credits: One credit (1)

**Physics 1 Honors** - Learn the basic concepts, principles and history of physics. Course includes selected topics in mechanics, heat, light, sound, electricity and magnetism, and modern physics. Course Length: Year; Number of Credits: One credit (1)

## SOCIAL STUDIES

**Economics with Financial Literacy\*** - Study the concepts and processes of the national and international economic systems. Course Length: Semester; Number of Credits: Half credit (.5)

**Personal Financial Literacy** - Learn about financial responsibility, budgeting, planning, and being a smart consumer. Study the relationship between education, employment, income, and net worth, and plan for the cost of college. Learn about banking, spending, investing, and other money management concepts. Study microeconomics and entrepreneurship; receive an overview of economic systems, supply and demand, consumer behavior and incentives, and profit principles. Course Length: Year; Number of Credits: One credit (1)

**Philosophy\*** - Study the fundamental questions pertinent to all areas of human activity and inquiries. Explore classical and modern philosophies, the fundamental principles of philosophical thought, such as semantics, logic, inductive and deductive reasoning, and social, political and religious philosophies. Course Length: Semester; Number of Credits: Half credit (.5)

**Psychology 1\***- Acquire an understanding of and an appreciation for human behavior, behavior interaction and the progressive development of individuals. The content examined in this first introductory course includes major theories and orientations of psychology, psychological methodology, memory and cognition, human growth and development, personality, abnormal

behavior, psychological therapies, stress/coping strategies, and mental health. Course Length: Semester; Number of Credits: Half credit (.5)

**Psychology 2\*** - Acquire an understanding of and an appreciation for human behavior, behavior interaction and the progressive development of individuals. The content examined in this second introductory course includes statistical research, psychobiology, motivation and emotion, sensation and perception, states of consciousness, psychological testing, and social psychology. Course Length: Semester; Number of Credits: Half credit (.5)

**United States Government\*** - Study government institutions and political processes and their historical impact on American society. Course Length: Semester; Number of Credits: Half credit (.5)

**United States History** - Study United States history from Reconstruction to the present day through historical, geographic, political, economic and sociological events which influenced the development of the United States and the resulting impact on world history. Course Length: Year; Number of Credits: One credit (1)

**World Cultural Geography** - Study world cultural regions in terms of location, physical characteristics, demographics, historical changes, land use, and economic activity. Course Length: Year; Number of Credits: One credit (1)

**World History** - Study the history of civilizations and societies of North and South America through historical periods leading to the beginning of the 21st Century. Course Length: Year; Number of Credits: One credit (1)

### **ELECTIVES (9-12)**

**Art in World Cultures\*** - Study selected works of art, utilitarian artworks, and architecture from around the world. Explore traditional forms and contemporary interpretations, including analysis of purpose, theme, cultural and historical context, formal qualities, symbols, and media. Compare various cultural responses to universal themes, as evidenced in their art. Learn about the value of preserving these works in today's museums and other public buildings, private collections, and in digital format. Course Length: Semester; Number of Credits: Half credit (.5)

**Career Research and Decision Making\*** - Develop career planning competencies, learn how to make informed career choices and develop the skills needed to successfully plan and apply for college or a job. Course Length: Semester; Number of Credits: Half credit (.5)

**Creative Photography 1 A\*** - Explore the aesthetic foundations of photography using beginning photography techniques. Learn about color and/or black and white photography via digital media and/or traditional photography. Become familiar with the basic mechanics of a camera, including lens and shutter operation, compositional foundations, printing an image for display, and evaluating a successful print. Course Length: Semester; Number of Credits: Half credit (.5)

**Creative Photography 1 B\*** - Explore the aesthetic foundations of photography using beginning photography techniques. Learn about color and/or black and white photography via digital media and/or traditional photography. Become familiar with the basic mechanics of a camera, including lens and shutter operation, compositional foundations, printing an image for display, and evaluating a successful print. Course Length: Semester; Number of Credits: Half credit (.5)

**Critical Thinking and Study Skills\*** - Develop skills related to critical thinking, learning and problem solving to enhance performance in both academic and non-academic areas. Learn strategies for acquiring, storing and retrieving information; time management and organizational skills; critical thinking operations and processes; oral and written communication; and problem solving skills including test taking skills. Course Length: Semester; Number of Credits: Half credit (.5)

**Culinary Arts 1 A\*** - The first course of a sequential pathway that provides students with a firm foundation in basic food preparation. This course is part of a career pathway for Hospitality/Tourism, health, nutrition, and food related careers. Course Length: Semester; Number of Credits: Half credit (.5)

**Culinary Arts 1 B\*** - Building on the prior prerequisite course, discover how to elevate your culinary skills through the creation of stocks, soups, sauces, and learn baking techniques. Examine sustainable food practices and the benefits of nutrition while maintaining taste, plating, and presentation. Explore careers in the culinary arts. Course Length: Semester; Number of Credits: Half credit (.5)

**Fitness for Lifestyle Design\*** - Explore fitness topics such as safe exercise and injury prevention, nutrition and weight management, consumer product evaluation, and stress management. Assess individual fitness levels according to the five components of physical fitness: cardiovascular health, muscular strength, muscular endurance, flexibility, and body composition. Personal fitness assessments encourage students to design a fitness program to meet their individual fitness goals. Course Length: Semester; Number of Credits: Half credit (.5)

**Health 1: Life Management Skills\*** - The purpose of this course is to produce health literate students that make sound decisions and take positive actions for healthy and effective living. The course is wellness oriented and emphasizes responsible decision-making and planning for a healthy lifestyle. Course Length: Semester; Number of Credits: Half credit (.5)

**Health 2: Personal Health\*** - The purpose of this course is to provide an in-depth study of the principles of personal health maintenance. Wellness promotion for self and others will be emphasized along with responsible decision-making and planning for a healthy lifestyle. Course Length: Semester; Number of Credits: Half credit (.5)

**Introduction to Art History\*** - Take an inquiry-based approach to exploring, researching, and analyzing works of art across time and cultures. Develop art-specific vocabulary to explore how the structural elements of art and organizational principles of design have been used to solve artistic challenges and create meaning. Learn to identify the functions, forms, media, styles of art, cultural ideas, and themes related to time periods and geographical places. Career options related to art history and criticism are also explored. Course Length: Semester; Number of Credits: Half credit (.5)

**Marketing Essentials** - Study the principles of business and marketing using real-world examples; learn what it takes to plan and launch a product or service in today's fast-paced business environment. This course covers an introduction to economics, costs and profit, and different business types. Learn how to manage money, and the basics of financing a business. Course Length: Year; Number of Credits: One credit (1)

**Music Appreciation\*** - This course will provide students with an aesthetic and historical perspective of music, covering a variety of styles and developments from the Middle Ages through the 21st Century. Explore music's various functionalities in order to gain a deeper understanding and appreciation for all types of music. Course Length: Semester; Number of Credits: Half credit (.5)

**Nutrition and Wellness** - Learn about health, wellness, fitness, and physical health. Learn about the nature of social interactions and how to plan a healthy lifestyle. Course Length: Year; Number of Credits: One credit (1)

**Online Learning and Digital Citizenship\*** - Develop essential study skills for academic success, such as staying organized, managing time, taking notes, applying reading strategies, writing strong papers, researching and properly citing information. Instruction on how to be a responsible online learner is threaded throughout the course, and these skills are directly addressed in lessons on cyberbullying, staying safe online, and learning how to be a digital leader. Develop a basic understanding of software and hardware and how to troubleshoot common technology issues. Course Length: Semester; Number of Credits: Half credit (.5)

**Personal Fitness Trainer** - Learn about body functions, safety, diet, goals, and strategies for longevity. Explore the world of healthy living and see how real fitness can be achieved through intention, effort, and knowledge about the mind and body. Course Length: Year; Number of Credits: One credit (1)

**Personal, Social, and Family Relationships\*** - Develop advanced knowledge and skills that promote positive social and emotional interactions and relationships. Content includes in-depth study of basic human needs, self-awareness and acceptance. Course Length: Semester; Number of Credits: Half credit (.5)

**Principles of Entrepreneurship** - This course provides instruction in the basic principles of entrepreneurship including the role of the entrepreneur, entrepreneurship as a career, ethics in

business, and the principles of marketing, financing, and managing a business. Course Length: Year; Number of Credits: One credit (1)

**Probability with Statistics with Applications Honors** - Explore the fundamental concepts of probability and statistics through exercises that require students to interpret results, provide written explanations, find patterns, and make decisions. Develop the foundations of statistical inference mostly used in a wide variety of disciplines such as business and economics. Course Length: Year; Number of Credits: One credit (1)

**Sports Officiating** - This course focuses on the professional philosophy and professional requirements for officiating sports for athletic contests. Course Length: Year; Number of Credits: One credit (1)

**World Language 1** (Chinese, French, German, Latin, Spanish) - The course introduces students to the target language and its culture. Develop communicative skills in all modes of communication and cross-cultural understanding. Emphasis is placed on proficient communication in the language. An introduction to reading and writing is also included as well as culture, connections, comparisons, and communities. Course Length: Year; Number of Credits: One credit (1)

**World Language 2** (Chinese, French, German, Latin, Spanish) - The course reinforces the fundamental skills acquired in World Language 1. Develop increased listening, speaking, reading, and writing skills as well as cultural awareness. Specific content to be covered is a continuation of listening and oral skills acquired in World Language 1. Reading and writing receive more emphasis, while oral communication remains the primary objective. Course Length: Year; Number of Credits: One credit (1)

**World Language 3 Honors** (Spanish) - The course provides mastery and expansion of skills acquired in World Language 2. Specific content includes expansions of vocabulary and conversational skills through discussions of selected readings. Contemporary vocabulary stresses activities which are important to the everyday life of the target language. Course Length: Year; Number of Credits: One credit (1)

**World Religions\*** - Study the major world religious traditions of Buddhism, Christianity, Confucianism, Hinduism, Islam, Judaism, Shintoism and Taoism. Identify criteria upon which religious beliefs are based, analyze relationships between religious and social and political institutions, trace the major developments of the world's living religions, distinguish the similarities and differences among the world's major religious traditions, synthesize information and ideas from conflicting religious beliefs, and interpret the development of a society as reflected by its religious beliefs. Course Length: Semester; Number of Credits: Half credit (.5)

### **ADVANCED PLACEMENT (AP) - College Board**

**AP Biology** - An introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore topics like evolution, energetics, information storage and transfer, and system interactions. Course Length: Year; Number of Credits: One credit (1)

**AP Calculus AB** - An introductory college-level calculus course. Students cultivate their understanding of differential and integral calculus through engaging with real-world problems represented graphically, numerically, analytically, and verbally and using definitions and theorems to build arguments and justify conclusions as they explore concepts like change, limits, and the analysis of functions. Course Length: Year; Number of Credits: One credit (1)

**AP English Language & Composition** - An introductory college-level composition course. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts as they explore topics like rhetorical situation, claims and evidence, reasoning and organization, and style. Course Length: Year; Number of Credits: One credit (1)

**AP English Literature & Composition** - An introductory college-level literary analysis course. Students cultivate their understanding of literature through reading and analyzing texts as they explore concepts like character, setting, structure, perspective, figurative language, and literary analysis in the context of literary works. Course Length: Year; Number of Credits: One credit (1)

**AP Environmental Science** - Explore and investigate the interrelationships of the natural world and analyze environmental problems, both natural and human-made. Course Length: Year; Number of Credits: One credit (1)

**AP Human Geography** - An introductory college-level human geography course. Students cultivate their understanding of human geography through data and geographic analyses as they explore topics like patterns and spatial organization, human impacts and interactions with their environment, and spatial processes and societal changes. Course Length: Year; Number of Credits: One credit (1)

**AP Psychology** - An introductory college-level psychology course. Students cultivate their understanding of the systematic and scientific study of human behavior and mental processes through inquiry-based investigations as they explore concepts like the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Course Length: Year; Number of Credits: One credit (1)

**AP Spanish Language & Culture** - An intermediate level college course in Spanish. Students cultivate their understanding of Spanish language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore

concepts related to family and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges. Course Length: Year; Number of Credits: One credit (1)

**AP Statistics** - An introductory college-level statistics course that introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students cultivate their understanding of statistics using technology, investigations, problem solving, and writing as they explore concepts like variation and distribution; patterns and uncertainty; and data-based predictions, decisions, and conclusions. Course Length: Year; Number of Credits: One credit (1)

**AP U.S. History** - An introductory college-level U.S. history course. Students cultivate their understanding of U.S. history from c. 1491 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures. Course Length: Year; Number of Credits: One credit (1)

**AP World History: Modern** - An introductory college-level modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. Course Length: Year; Number of Credits: One credit (1)

### **CAREER AND TECHNICAL EDUCATION (CTE)**

**Culinary Arts 1 A\*** - The first course of a sequential pathway that provides students with a firm foundation in basic food preparation. This course is part of a career pathway for Hospitality/Tourism, health, nutrition, and food related careers. Course Length: Semester; Number of Credits: Half credit (.5)

**Culinary Arts 1 B\*** - Building on the prior prerequisite course, discover how to elevate your culinary skills through the creation of stocks, soups, sauces, and learn baking techniques. Examine sustainable food practices and the benefits of nutrition while maintaining taste, plating, and presentation. Explore careers in the culinary arts. Course Length: Semester; Number of Credits: Half credit (.5)

**Digital Information Technology** - This course is designed to provide a basic overview of current business and information systems and trends, and to introduce students to fundamental skills required for today's business and academic environments. Emphasis is placed on developing fundamental computer skills. The course includes the exploration and use of: databases, the internet, spreadsheets, presentation applications, management of personal information and email, word processing and document manipulation, HTML, web page design, and the integration of these

programs using software that meets industry standards. Course Length: Year; Number of Credits: One credit (1)

**Engineering and Design\*** - Develop a foundation of knowledge and technically oriented experiences in the study of the applications of engineering and its effect upon our lives and the choosing of an occupation. Course Length: Semester; Number of Credits: Half credit (.5)

**Engineering and Product Development\*** - Learn about the concepts of product engineering and development. Analyze the life cycle of a product to prepare a product for distribution and for target markets. Build an understanding of the product life cycle, from the initial idea to drafting requirements to using modeling tools and other design tools. Course Length: Semester; Number of Credits: Half credit (.5)

**Introduction to Careers in Arts, A/V, Technology, and Communication\*** - This introductory course provides comprehensive information on five separate areas of arts and communications as potential educational and career pathways, including: audio/video technology and film, performing arts, visual arts, printing technology, journalism and broadcasting, and telecommunication systems. Students who are interested in careers across a broad spectrum of professional positions, including fine artist, telecommunications administrator, magazine editor, broadcast journalist, or computer graphic artist, will gain useful perspective on industry terminology, technology, work environment, job outlook, and guiding principles. Course Length: Semester; Number of Credits: Half credit (.5)

**Introduction to Coding\*** - This introductory course covers the principles of programming, including algorithms and logic. Students engage in hands-on programming tasks in the Python programming language as they write and test their own code using the approaches real programmers use in the field. Students will program with variables, functions and arguments, and lists and loops, providing a solid foundation for more advanced study as well as practical skills they can use immediately. Course Length: Semester; Number of Credits: Half credit (.5)

**Introduction to STEM\*** - This course introduces students to the four areas of Science, Technology, Engineering, and Mathematics through an interdisciplinary approach that will increase awareness, build knowledge, and develop problem solving skills. Study the history, fundamental principles, applications, processes, and concepts of STEM. Learn about computer applications used to analyze and present technical or scientific information. Explore the kinds of strategies frequently used to solve problems in these disciplines. Course Length: Semester; Number of Credits: Half credit (.5)

**The Principles of Food** - An overview of Food Science and introduction to common food systems, their composition, behavior, and uses; fundamental molecules (water, proteins, lipids, carbohydrates) that provide the structure, function, and chemical/physical properties of foods. Course Length: Year; Number of Credits: One credit (1)