

Mission

To help students internalize the

Core Values

Biblical Truth | Integrity | Innovation

Excellence | Relationships

Online Course Offerings 2020-2021

Please be prepared that our online courses are a rigorous and accelerated academic experience. Expect to spend between 1-2 hours a day on coursework per class.

MATH

ALGEBRA 1 (720-OLO) Grades 9-12 (one unit) UC approved course ("c")/ remediation available

This course teaches students to solve linear equations, use linear equations to solve word problems, solve systems of linear equations, factor & solve quadratic equations, and simplify expressions involving polynomials, exponents & radicals. Topics in Algebra 1 comprise a large portion of many college entrance exams.

PREREQUISITE: For Freshmen: Freshmen Placement Test. For returning students: Pre-Algebra with a minimum grade of "C-" for each semester.

GEOMETRY (730-OLO) Grades 9-12 (one unit) UC approved course ("c") / remediation available

This course is a study of geometric figures in two and three dimensions. It is designed to increase a student's understanding of spatial relations. Emphasis is also placed upon applying algebra to geometric problem solving and applying the basic terminology and concepts of geometry in a logical and organized manner, including formal proofs.

PREREQUISITE: Freshmen must pass the Algebra Diagnostic Test in May. For returning students: Algebra (or Enriched Algebra) with a minimum grade of "C-" for each semester.

ALGEBRA 2 / TRIGONOMETRY (750-OLO) Grades 10-12 (one unit) UC approved course ("c") / remediation available

This course leads to an understanding of algebra beginning with review of Algebra 1 concepts and extending these same concepts and skills. Topics such as solving polynomial, exponential, logarithmic, and trigonometric equations are first encountered in this course. The study of angles and triangles are the main emphasis of the trigonometry section of the course.

PREREQUISITE: Algebra (or Enriched Algebra) with a minimum grade of "C-" and Geometry (or Honors Geometry) with a minimum grade of "C-" for each semester.

PRE-CALCULUS (790-OLO) Grades 11-12 (one unit) UC approved course ("c")

Analytic Geometry and Trigonometry are integrated with other important topics in mathematics by an approach that stresses the use and understanding of functions. Study will include such topics as rational and irrational numbers, vectors, polar coordinates, sequences and series, matrices, and probability.

PREREQUISITE: Algebra 2/Trigonometry with a minimum grade of "B-" or Honors Algebra 2/Trigonometry with a minimum grade of "C-" for each semester.

INTRODUCTION TO FINITE MATHEMATICS (775-OLO) Grades 11-12 (one unit) UC approved course ("c)

This course emphasizes application and problem solving. Students will engage in the study of systems of numeration, finance, probability, apportionment, and statistics. This course provides students with a clearer understanding of many basic mathematical skills used in business, economics, health and social sciences. It will help prepare students for a college level liberal arts mathematics course.

PREREQUISITE: Algebra 2/Trigonometry with a minimum grade of "C-" or Honors Algebra 2/Trigonometry with a minimum grade of "D-" or Pre-Calculus with a minimum grade of "C-" or Honors Pre-Calculus with a minimum grade of "D-".

P.E. AND HEALTH

HEALTH EDUCATION (5201-OLO) GRADES 9-12 (one half-unit) Required

The emphasis is on wellness and a positive life style. In addition, studies will include units on personal identity, personality types, human sexuality, relationships and family roles, alcohol, tobacco, drugs, nutrition, and sexually transmitted diseases (STD's).

PREREQUISITE: None.

FOUNDATIONS OF FITNESS (5203-OLO) GRADES 9-12 (one half-unit)

The emphasis of this course is on physical fitness through active living. In addition, studies will include units on cardiorespiratory fitness, muscular fitness, flexibility, designing a personal fitness program, body composition, maintaining a healthy body weight, and incorporating fitness throughout various stages of life.

PREREQUISITE: None.

PERSONAL NUTRITION (5204-OLO) GRADES 9-12 (one half-unit)

The emphasis of this course is on nutrition and healthy eating as a way of life. In addition, the course will include units of study on the importance of having a nutritionally balanced diet, dieting and nutrition myths vs. facts, designing a personal nutrition plan, achieving a healthy body image, and incorporating nutrition throughout the various stages/phases of life.

PREREQUISITE: None.

SPORTS AND ACTIVITIES (5205-OLO) Grades 9-12 (one half-unit)

This course will emphasize the importance of physical sports/activities in reaching and maintaining a healthy/active lifestyle. The course will include an overview of the physical benefits, as well as, the basic skills that are needed for various team/individual sports and activities. Students will set personal/individual fitness goals and be able to experience what sports/activities will help them to achieve these goals, both now and as their physical needs change.

PREREQUISITE: None.

INDEPENDENT STUDY PE (5206-OLO) Grades 9-12 (one half-unit)

May be repeated for credit. The Independent Study Physical Education course is designed for students who are already participating in a committed, sustained, and organized approved physical activity pursuit. Examples include competitive ice skating, gymnastics, crew, horseback riding, hockey, or ballet. Students may petition to take Independent Study PE. All applications for P.E.- Independent Study must be signed by the student's counselor, and Independent Study Facilitator prior to the beginning of the semester. All independent study activities must be monitored, supervised and verified by a qualified instructor, coach, or trainer. Students will receive Credit or No Credit for the class.

PREREQUISITE: Completion of Health

SCIENCE

BIOLOGY (820-OLO) GRADES 9-12 (one unit) UC approved course ("d")

This course focuses on the relationships between living organisms and their environment. Similarities and differences between all organisms, from simple to complex are examined. Additionally, recent developments in molecular biology and biotechnology are presented. Specific topics and activities for the first semester include study of population dynamics, online dissection of a plasma membrane exploration of bioenergetics, examination of the cellular basis of inheritance, application of Mendel's rules, and research of evolution. Learning methodology includes assigned reading lectures, discussion responses, high frequency online interaction with classmates and introspective learning summaries. This course includes a wet lab component that will take place in a high school laboratory setting and is designed for the student who is able to handle the rigor of a semester in 8 weeks.

PREREQUISITE: Freshman placement test.

CHEMISTRY (830 and 831-OLO) Grades 10-12 (one unit) UC approved course ("d")

This subject provides a study of matter and the changes that occur in it. Physical and chemical changes are identified. Energy relationships are studied and interpreted. Emphasis is given to interpreting the behavior of atoms and molecules based upon what students observe in the laboratory. Formula and equation writing follows an understanding of the changes that are being described.

PREREQUISITES: Biology with a minimum grade of "C-" or (H) Biology with a minimum grade of "C-" and Algebra, Enriched Algebra, Geometry or (H) Geometry with a minimum grade of "C-" for each semester. Students with a "C-" in Algebra 1 or Enriched Algebra 1 need approval of the Instructor and Department Chair.

ASTRONOMY (0840-OLO) Grades 10-12 (one unit) UC approved elective course ("g")

Astronomy is a science elective designed for students with an interest in learning more about the sky. Astronomy includes a study of the moon, planets, and stars, as well as an examination of the instruments used in modern astronomy.

PREREQUISITE: Chemistry.

GEOLOGY (0841-OLO) Grades 10-12 (one unit) *UC approved elective course (“g”) **

Geology is a science elective designed for students with an interest in learning more about the earth. Geology involves the study of important mineral and rock types, the learning of skills involved in interpreting geological maps, and the study of the continental drift theory.

PREREQUISITE: Chemistry.

DIGITAL INFORMATION TECHNOLOGY (990- OLO) Grades 9-12 (one unit) *UC approved course (“g”)*

This exciting course provides you with the foundational skills needed for future careers in a variety of technological fields. You’ll explore emerging technologies, digital design, Microsoft Office online applications, operating systems, and much more! Learn your strengths and how they relate to potential career opportunities.

PREREQUISITE: None.

FOUNDATIONS OF PROGRAMMING (940- OLO) Grades 9-12 (one unit) *UC approved course (“g”)*

Foundations of Programming will teach students the fundamentals of programming using the computer language Python. The course provides students with the concepts, techniques, and processes associated with computer programming and software development. Students will also explore the many programming career opportunities available in this high-demand field.

PREREQUISITE: None.

AP COMPUTER SCIENCE A (950- OLO) Grades 10-12 (one unit) *UC approved course (“g”)*

The AP Computer Science A course is an introductory computer science course. A large part of the course involves developing the skills to write programs or parts of programs that correctly solve specific problems. The course also emphasizes the design issues that make programs understandable, adaptable, and when appropriate, reusable. At the same time, the development of useful computer programs and classes is used as a context for introducing other important concepts in computer science, including the development and analysis of algorithms, the development and use of fundamental data structures, and the study of standard algorithms and typical applications. In addition, an understanding of the basic hardware and software components of computer systems and the responsible use of these systems are integral parts of the course

RECOMMENDED: Completion of Foundations of Programming or Computer Science.

AP Exam Fee: \$94.00 All students enrolled in AP courses are expected to take the AP Exam.

SOCIAL STUDIES

WORLD HISTORY (510-OLO) Grades 9-10 OLO (one unit) UC approved course (“a”)

This course includes a brief review of medieval history followed by in-depth examinations of the Renaissance and Reformation, the rise of democratic ideas, the history of world revolutions, the development of imperialism, the impact of the World Wars, and the presence of nationalism in the contemporary world. Each unit utilizes a variety of materials and has an emphasis on geographical relationships.

PREREQUISITE: None

U. S. HISTORY (520-OLO) Grades 10-11 OLO (one unit) UC approved course (“a”)

This course includes the study of the political, social, economic, and geographic development of the United States from the colonial days to the present. Emphasis is placed on the personalities that helped shape this nation and on the origins of current political elements. Current events and world issues are discussed throughout the year, and special emphasis is placed on helping students develop a cultural understanding of the nation.

PREREQUISITE: World History

AMERICAN GOVERNMENT (530-OLO) Grades 12 OLO (one half-unit) UC approved course (“a”) *

This course is designed as an introduction to American Government. Federal, state, & local organization and operation of the legislative, executive, and judicial branches are the main theme of this course.

**NOTE: To satisfy UC requirements for the “a” requirement, it is recommended that this class is taken during the same year with Economics.*

PREREQUISITE: U.S. History

ECONOMICS (531-OLO) Grade 12 (one half-unit) UC approved course (“g”)

Economics is the systematic study of man’s effort to satisfy his wants by securing goods and services from the scarcity of nature. The high school economics course is an introduction to the essential concepts, principles, values and methods of economic analysis and their application to the modern world.

**NOTE: To satisfy UC requirements for the “a” requirement, it is recommended that this class is taken during the same year with American Government.*

PREREQUISITE: U.S. History

AP AMERICAN GOVERNMENT & POLITICS (590-OLO) Grade 12 (one half-unit) UC approved course (“a”) *

AP American Government will be taught as a college level course designed to give students a critical perspective on government and politics in the United States. The course involves the study of general concepts and facts about the American government that can be directly applied to the present day political atmosphere. The course is designed to help students prepare for the Advanced Placement Examination for American Government and Politics offered by Educational Testing Services in the spring. All students enrolled in this class will pay for and take the AP Exam.

**NOTE: To satisfy UC requirements for the “a” requirement, it is recommended that this class is taken during the same year with AP Macroeconomics*

PREREQUISITE: A final grade of "B-" or higher in AP U.S. History, or an "A-" or higher in U.S. History, both semesters.

FEE: \$94.00 fee to take the Advanced Placement exam. All students enrolled in AP courses are expected to take the AP Exam.

AP MACROECONOMICS (537-OLO) Grade 12 *(one half-unit) UC approved course ("g") **

You have been called upon to assist the leader of the Macro Islands who is running for reelection next year. The economy is in shambles, and you need to come up with some feasible solutions. This will not only help the people of the Macro Islands but will also ensure a victory for your employer. You were hired over the Internet and received a first-class ticket to the Macro Islands where you can learn first-hand about the situation. You arrive at Pineapple Airport in the middle of the day and are met by a man with a briefcase who is holding a sign with your name on it. You approach the man and introduce yourself. "I'm Mr. Scarcity," he says. "I'll be your guide as you learn about the economic situation of the islands. You need to learn everything you can about both macroeconomics and our Macro Islands for your presentation to our island leader in May." (Your AP Exam.)

**NOTE: To satisfy UC requirements for the "a" requirement, it is recommended that this class is taken during the same year with AP American Government and Politics.*

PREREQUISITE: A final grade of "B-" or higher in AP U.S. History, or an "A-" or higher in U.S. History, both semesters.

FEE: \$94.00 fee to take the Advanced Placement exam. All students enrolled in AP courses are expected to take the AP Exam.

PSYCHOLOGY (540-OLO) Grades 11-12 *(one unit) UC approved course ("g")*

This course explores the basic psychological concepts of human and animal behavior in such areas as learning motivation, perception, growth and development, personality, and social behavior. Important historical psychological theories will be introduced and analyzed. The course is academically challenging, designed for advanced college bound students.

PREREQUISITE: Students must earn a 75% or better in both semesters of previous Social Science course.

ENGLISH

INTRODUCTION TO LITERATURE/COMPOSITION (610-OLO) Grade 9 *(one unit) UC approved course ("b")*

The purpose of this course is to develop fundamental English skills. Students will study the correct usage of language through grammar and mechanics of writing. In addition, introductory literary units including the short story, the novel, and poetry will be studied. Vocabulary study and development of writing skills form an integral part of the program.

PREREQUISITE: Freshman placement test

AMERICAN LITERATURE/COMPOSITION (620-OLO) Grades 10-12 (one unit)

UC approved course ("b") / remediation available

This course includes a comprehensive study of American literature incorporating developmental, canonical and modern reading. In addition, the course further develops vocabulary and writing skills through formal essays, a topical research paper, and a variety of creative and analytical writing experiences. A review of the grammar and mechanics introduced in English 1 will be part of the curriculum.

PREREQUISITE: Completion of Intro to Lit/Comp

BRITISH LITERATURE/COMPOSITION (630-OLO) Grades 10-12 (one unit) UC

approved course ("b") / remediation available

This course is designed to develop and refine skills in writing, grammar, and vocabulary building. Particular emphasis is placed on the study of British literature by reading assignments of classical British works. Students who complete English 3 with a grade of an "A-" or better, and receive approval of the Instructor, will be eligible to take AP English courses whether they are a junior or senior.

PREREQUISITE: Completion of American Lit/comp

WORLD LITERATURE/COMPOSITION (640-OLO) Grades 11-12 (one unit) UC approved course ("b")

This course is designed to prepare students for college level English. Major literary works are drawn from around the world and studied in thematic context of Christianity, history, culture, and modern society. Composition includes analytical essays, a college application essay, and a major research paper.

PREREQUISITE: Completion of British Lit/Comp

WRITING EXPERIENCE (680-OLO) Grades 11-12 (one unit) UC approved course ("b")

This course of study includes writing for the college-bound student, as well as those who aspire to grow in their writing abilities. In a writing workshop, the students will analyze and develop individual writing skills with an emphasis on expository and creative forms as well as a focus on grammar. The students will be encouraged to publish their works.

PREREQUISITE: Completion of British Lit/Comp

AP ENGLISH LITERATURE/COMPOSITION (691-OLO) Grades 11-12 (one unit) UC approved course ("b")

AP English Literature/Composition allows the student to work and progress in a literature curriculum at a college or university level. The course, consistent with Advanced Placement guidelines, will facilitate the student's efforts on the Advanced Placement English Literature and Composition test offered in the spring. The curriculum closely examines highly regarded texts written originally in the English language. Forms studied will include drama, poetry, and prose. Students will read, discuss, and analyze major authors. Through these studies, students will find themselves better able to serve God with mind, voice, and pen.

PREREQUISITE: Completion of British Lit/Comp with a grade of “A-” or higher, or completion of Honors British Lit/Comp or AP Language with a grade of a B+ or higher and approval of the Instructor. Online Course Requires approval of an OLO Advisor.

FEE: \$94.00 fee to take the Advanced Placement exam. All students enrolled in AP courses are expected to take the AP Exam.

WORLD LANGUAGE

CHINESE 1 (440-OLO) Grades 9-12 *(one unit) UC approved course (“e)*

Students join various native speakers of Mandarin Chinese as they give a lively introduction to the language and its rich culture. Set in their everyday environment, the native speakers take students through different daily scenarios and give them the necessary skills to read, write, and speak Chinese. In this course, students learn the basic Chinese language. At the very beginning, the course starts by introducing students to a general knowledge of Pinyin, Mandarin Chinese, Chinese dialects, and Chinese characters. After one semester, students will be able to engage in conversation in Chinese including greeting people, introducing themselves to others, and exchanging basic information with others. Students learn to count from 1 to 1000 and make simple sentences in both spoken and written Chinese. They also learn 160 "magical" Chinese characters and use them on a variety of topics. As students walk through the units step by step, they get to know not only the language itself, but also the culture in which the language takes place and keeps developing.

PREREQUISITE: None.

CHINESE 2 (450-OLO) Grades 10-12 *(one unit) UC approved course (“e)*

Chinese 2 enables the students to further develop the communicative skills of listening, speaking, reading and writing of Mandarin Chinese at a more advanced level. Students are immersed in Chinese culture as virtual exchange students in China. Virtual excursions from one Chinese city to another expand their vocabulary helping them learn to interact with others and use appropriate terms to communicate in various everyday situations

PREREQUISITE: A final grade of 65% or better in both semesters of Chinese 1.

CHINESE 3 (455-OLO) Grades 11-12 *(one unit) UC approved course (“e)*

Learn more about Chinese culture, including the origins, anecdotes, and etiquette for various cultural settings, using authentic materials. You will also compare and contrast the Chinese culture with your own as you continue to build knowledge of vocabulary, sentence structure, and grammar.

PREREQUISITE: A final grade of 75% or better in both semesters of Chinese 2.

CHINESE 4 (460-OLO) Grades 11-12 *(one unit) UC approved course (“e”)- pending*

Program designed for students who have learned three years of Chinese. Students will learn 600 basic words for listening and speaking, additional sentence structures with a higher level of syntax complexity, in-depth practice for grammatical items that have already been learned in the

past three levels, and new grammar points, including some points used often in written Chinese and modal particles. Students will gain listening, speaking, reading, and writing skills in standard Chinese. Thus, approximately attaining the Intermediate High to Advanced Low level on the ACTEL proficiency scale.

PREREQUISITE: A final grade of 75% or better in both semesters of Chinese 3.

FRENCH 1 (470-OLO) Grades 9-12 *(one unit) UC approved course (“e”)*

Learn how to introduce yourself and others, share your interests, and talk about the weather, all in the language of Molière. Explore the rich culture of France including historical sites, foods, and sports through interactive activities, written practice, and speaking and listening exercises.

PREREQUISITE: None.

FRENCH 2 (480-OLO) Grades 9-12 *(one unit) UC approved course (“e”) pending*

Expand your listening, speaking, reading, and writing skills in French through interactive videos, dialogues, and self-checks. Grow your vocabulary and learn to discuss activities in the past, future, and conditional tenses. Explore the francophone world and the influence France has had across the globe. This course provides elective credit.

PREREQUISITE: A final grade of 65% or better in both semesters of French 1.

SPANISH 1 (400-OLO) Grades 9-12 *(one unit) UC approved course (“e”)*

This course develops language skills through listening, speaking, reading, memorization and acquisition of vocabulary, as well as written exercises. The main goal of this course is to promote oral communication.

PREREQUISITE: None.

SPANISH 2 (410-OLO) Grades 9-12 *(one unit) UC approved course (“e”)*

This course continues to develop language skills through listening, speaking, reading and writing to enhance communication in Spanish.

PREREQUISITE: A grade of 65% or better in Spanish 1 in both semesters, and approval of the Instructor and Department Chair. Freshmen & transfer students must pass a placement examination in order to enroll in Spanish 2.

SPANISH 3 (420-OLO) Grades 10-12 *(one unit) UC approved course (“e”)*

This course is designed to reinforce the foreign language skills learned in Spanish 1 and 2 and to continue to prepare students for living in a global society. Classroom instruction will involve the students in communicative tasks through speaking, listening, reading and writing in Spanish.

PREREQUISITE: A final grade of 75% or better in both semesters of Spanish 2 and/or approval of the Instructor and Department Chair.

SPANISH 4 (430-OLO) Grades 10-12 *(one unit) UC approved course (“e”)*

This course continues the curriculum which was begun in Spanish 3 with a heavy emphasis on grammar and proper articulation. Students will improve their communication skills through discussion, reading, lectures and media presentations. This course will assist students for advanced placement in Spanish.

PREREQUISITE: A final grade of 80% or better in both semesters of Spanish 3 and/or approval of the Instructor and Department Chair.

THEOLOGY

THEOLOGY 1 OVERVIEW AND INTRODUCTION TO GOD’S WORD (1010-OLO) Grade 9 *(one unit)*

Required Course

During the freshman year, students will be introduced to an overview of the Bible. Each student will not only learn how to use the resources available in the Lutheran Study Bible, but will also be educated in the origins and reliability of Scripture. Using God's Word as the foundation, students will explore creation, covenants, Christ, church, adolescence, adversity, prayer, God's plan for human sexuality and ten key concepts found in Biblical teaching.

PREREQUISITE: None

THEOLOGY 2 NEW TESTAMENT (1020-OLO) Grade 10 *(one unit) Required Course*

Sophomores will study the New Testament to discover the promises of God for our lives and the joy of living life as a Christian. Topics include: an overview of the historical setting for the writing of the New Testament; the four Gospels; the writings of the apostle Paul; the writings of John and Peter; the book of Hebrews, and the doctrines and life applications taken from each of the writings covered.

PREREQUISITE: Completion of Theology 1. Any semester grade of an “F” must be remediated prior to advancing to the next Theology course.

THEOLOGY 3 OLD TESTAMENT (1030-OLO) Grade 11 *(one unit) Required Course*

Junior Theology focuses on the conjunction between the Old Testament and the New Testament eras, and the Old Testament’s role as the revelation of Yahweh’s plan for salvation through the Messiah. This takes place primarily through an investigation of the typological events in Israel’s history and their covenant- based relationship with Yahweh. Special attention is paid to the foundational role of hermeneutics in the reading and understanding of the Old Testament.

PREREQUISITE: Completion of Theology 2. Any semester grade of an “F” must be remediated prior to advancing to the next Theology course.

THEOLOGY 4 CALLED TO BELIEVE (1040-OLO) Grade 12 *(one half-unit)*

This one-semester course is devoted to studying the sole source of Christian theology, namely the Holy Scriptures. Students will examine the major teachings of the Christian faith (i.e. the Triune God, Humanity, Sin, Christology, Justification, vocation, ecclesiology, Eschatology, Sacraments). Not only will students study what Christians believe, the student will be introduced to apologetics. Following this course, students are required to complete either the World Religions course or the Apologetics course.

PREREQUISITE: Completion of Theology 3. Any Theology semester grade of an “F” must be remediated prior to receiving Orange Lutheran High School diploma.

THEOLOGY 4 THE CHRISTIAN IN A PLURALISTIC SOCIETY (1043-OLO) Grade 12 *(one half-unit)*

This one-semester course is designed to prepare graduating seniors for the reality they will face as Christians living in a pluralistic society. This course is comprised of several unites including, but not limited to: Intro to World Religions, Intro to Apologetics, Christians and Ethics, Faith in College, and Christian Themes in the Media.

PREREQUISITE: Completion of the semester course Theology 4: Called to Believe. Any Theology semester grade of an “F” must be remediated prior to receiving Orange Lutheran High School diploma.

THEOLOGY 4 APOLOGETICS (1044-OLO) Grade 12 *(one half-unit)*

One semester devoted to preparing and equipping the student to defend the faith from modern and postmodern criticism. The goal of this class is to prepare the college bound student to address potential attacks from liberal academia. The student will be able to explain the rational and historical basis that undergird Christianity’s claim to exclusive truth.

PREREQUISITE: Final grade of “B” or better in Theology 3 or approval by Department Chair AND completion of the semester course Theology 4 – Called to Believe. Any Theology semester grade of an “F” must be remediated prior to receiving Orange Lutheran High School diploma.

Electives

ACCOUNTING (444-OLO) Grades 10-12 *(one half-unit)*

Introduction to Accounting focuses on the basics of analyzing, journaling, and completing financial statements for a service business organized as a proprietorship and a merchandising business. Students explore topics such as the accounting equation, T accounts, journalizing, posting to a general ledger, and recording and adjusting financial entries.

PREREQUISITE: None

AP ART HISTORY (970-OLO) Grades 11-12 *(one unit) UC approved course (“F”)*

Within AP Art History, students will explore the interconnections between culture, art, and historical context through the critical analysis of art, culture, and purpose. Through the use of a defined art historical skill set and reflective learning, students will analyze relationships across cultures with a global lens. The examination of how people have responded to and communicated their experiences through art will enable students to think conceptually about art ranging from prehistory to contemporary. Students will be active participants, engaging with art and its context as they read, research, and collaborate to learn about art, artists, art making, and responses to and interpretations of art. The AP Art History course is structured around three big ideas, three essential questions, twelve learning objectives, and ten content areas outlined within the College Board Advanced Placement Art History Framework.

Each content area is represented by a prescribed image set accompanied by enduring understanding and essential knowledge statements that provide required contextual information to serve as a foundation and catalyst for student learning within the course. The intention is for students to explore art in its historic and cultural contexts.

PREREQUISITE: 90% or better in either the previous English or Social Studies class, 80% or better in the previous AP English or AP Social Studies class.

AP Exam Fee: \$94.00. All students enrolled in AP courses are expected to take the AP Exam.

BUSINESS LAW (445-OLO) Grades 10-12 (one half-unit)

This course focuses on the foundation of the U.S. legal system in the areas of business and personal law. Students will explore the evolution of our legal and court systems, and understand criminal, civil, property, employment and contract laws, including legalities in business and financing. Activities include, but are not limited to, discussion questions, weekly summaries, lectures, and multi-media activity.

PREREQUISITE: None

INTRODUCTION TO DIGITAL PHOTOGRAPHY A & B (930-OLO) (935-OLO) Grades 9-12 UC approved course ("F") (one half-unit for each semester online course)

This course focuses on the basics of digital photography, and the basics of photography in general. Studies include using the camera, file transfer and storage, post-production, elements of composition, the properties of light, black and white conversion, watermarks, and image selection for portfolios. Students are required to read lectures, respond to discussion questions, view the work of their classmates and professional photographers, photograph images out on assignment and make necessary corrections to photos before submission in this course. Digital Photo A can be taken as just a half-unit class.

PREREQUISITE: Must take Introduction to Digital Photography A prior to taking Introduction to Digital Photography B.

MULTIMEDIA DESIGN CONCEPTS (915-OLO) Grades 9-12 (one-half unit)

This course combines the elements of art, the principles of design and computer-generated audio/visual techniques with an emphasis on creative problem-solving skills. Course discussions and assignments guide students to a stronger grasp of media literacy and visual communication, with the development of basic proficiency in interactive media design. Using up-to-date software, students will be able to create static digital presentations, simple

animations and interactive media pieces. Students will also develop self-promotional pieces and successfully publish their work to the Internet in the form of a Webfolio.

PREREQUISITE: None

MUSIC APPRECIATION A and B (910-OLO) (911-OLO) Grades 9-12 *(one half-unit for each semester online course) UC approved course ("F")*

In this course, students explore a variety of musical styles, forms, fundamentals, instruments, and composers. They will learn about the social backgrounds of various artists and how the various styles and periods reflect the mainstream of history and influence and are influenced by the society at large. There is a focus on listening skills that sharpen students' aesthetic valuing of music and its elements that allows students to engage and interact with music. Students gain an understanding of melody, harmony, rhythm and meter, tempo, dynamics, and others, and learn how these are combined to produce the effects of the music they hear. Genre studies include the Romantic era, the 20th century, and American popular music. Learning methodology includes assigned readings, listening, lectures, discussion responses, high-frequency online interaction with classmates, and introspective learning summaries. Music Appreciation A can be taken as just a half-unit class.

PREREQUISITE: None

VIDEO GAME DESIGN A and B (945-OLO) (946-OLO) Grades 9-12 *(one half-unit for each semester online course)*

The first semester provides an introduction to the game design industry to study various career opportunities. Students will evaluate games and their use of images, sound effects and music to make the games attractive to players. Using game design software Fusion 2.5, they will develop multilevel games. Students will design a game from scratch using relevant software, and add original sound effects, audio, and music. Video Game Design A can be taken as just a half-unit class. Student must have access to a Windows based computer to complete the class.

The second semester leads students further through the theory and process of designing and programming computer games. The history, genre and future of gaming are considered. A unit on successful game attributes will include game plots, controls, strategies, graphics and Foley sound effects. The planning of their students' game project will study storyline, characters, music, and flowcharting. Students will play other students' games and provide feedback.

PREREQUISITE: None for Video Game Design A. A 80% or better in the A section is the prerequisite for taking the B section.

Middle School

YEARLONG ALGEBRA I *(3 lessons a week for 32 weeks)*

This course teaches students to solve linear equations, use linear equations to solve word problems, solve systems of linear equations, factor & solve quadratic equations, and simplify expressions involving polynomials, exponents & radicals. Topics in Algebra 1 comprise a large portion of many college entrance exams.

PREREQUISITE: Placement test

YEARLONG GEOMETRY (3 lessons a week for 32 weeks)

The focus of this course is to provide a comprehensive evaluation of geometric terms and processes. Students will study inductive and deductive reasoning; congruent segments and angles; parallel and perpendicular lines; proofs; logic; transformations; and the Pythagorean Theorem, with emphasis placed on reasoning and problem solving. Learning methodology includes, but is not limited to, assigned readings, video lectures, discussion questions, and solving mathematical problems.

PREREQUISITE: Placement test

YEARLONG SPANISH I (3 lessons a week for 32 weeks)

This course focuses on developing language skills through listening, speaking, reading, memorization, and acquisition of vocabulary, as well as written exercises. Each week covers thematic subjects through pertinent to students' lives. The themes are incorporated into grammatical lessons. Specific topics and activities for the first semester include: common vocabulary--including articles and adjectives. Learning methodology includes assigned readings, lectures, discussion responses, online interaction with classmates, and introspective learning summaries.

PREREQUISITE: Placement test

YEARLONG SPANISH II (3 lessons a week for 32 weeks)

This course continues to develop language skills through listening, speaking, reading and writing to enhance communication in Spanish.

PREREQUISITE: Placement test

YouTube 101 (2 lessons a week for 16 weeks) *elective*

What if you could learn how to **create your own YouTube channel**? Students will study the phenomenon of YouTubers, study their successful techniques, create their own unique channel, and create content. Objectives for the course: Students will be able to weed through online content, critique and analyze content, make decisions about what is appropriate for their age group, understand the economics behind YouTube, utilize various marketing techniques, work through the technology of filming, editing, and posting videos, and create original content.

YOUR BUSINESS NAME HERE (2 lessons a week for 16 weeks) *elective*

Be your own boss and launch your own business! In Your Business Name Here!, students will learn by doing. They will take every necessary step to starting their own business and learn about various aspects of business, design, economics, advertising, markets, and investing as they do. They will brainstorm ideas, come up with a business name and logo, conduct market research, create a profit and loss statement, advertise across multiple media, write a business pitch, and find investors. Throughout the class, students will be actively discussing business-related questions and providing constructive feedback about each other's ideas, creating opportunities for both independent and communal learning. They will learn about topics ranging

from the share-economy to the future of brick-and-mortar stores. Students will also read profiles of successful businesses that relate to the lesson topics of each week. Once done with the class, students will be well on their way to becoming entrepreneurs.

RED TALKS *(2 lessons a week for 16 weeks) elective*

In **RED** Talks, students will **R**esearch a topic, write, practice, and ultimately present a speech to **E**ducate their audience and hopefully start a broader **D**iscussion. The students will present their speeches at a **RED** Talk Conference (live or virtual). Students will learn about different types of speeches, persuasive techniques, and how to be an effective public speaker. They will read, research, and write about non-fiction topics, both personal and abstract. While the course is focused on research, writing, and public speaking, it's cross-curricular in that students will be both watching TED Talks about a wide-range of topics and researching topics of their choosing.