



THE ORME SCHOOL
Excellence. Tradition. Character.

2019-2020 COURSE CATALOG

Updated 8/31/19

1000 E. Orme School Road
Mayer, AZ 86333
www.ormeschool.org

COURSE OFFERINGS 2019-2020

STEM

Science/Technology/Engineering/Math

3 Science credits required for graduation

Sustainability Studies

Chemistry

Chemistry Honors

Biology

Physics

Environmental Science/ASU

AP Biology

AP Chemistry (2020-2021)

4 Mathematics credits required for graduation

Pre-Algebra (no high school credit)

Algebra I

Geometry

Algebra II/Trigonometry

Pre-Calculus

Pre-Calculus Honors

Finance

Statistics

Computer Science

AP Calculus AB

AP Calculus BC

AP Statistics (2020-2021)

AP Computer Science (2020-2021)

Electives

1 Elective credit required each year

Introduction to Studio Art

Advanced Studio Art

Metalsmithing

Ceramics

Theatre Production I

Theatre Production II

Culinary Arts

Digital Music Composition

Music of the World

Piano Lessons

Physical Education

Horsemanship

HUMANITIES

4 English credits required for graduation

English I

English II

English III

Expository Writing

AP English Language

AP English Literature (2020-2021)

ESL courses count as English credits

ESL Intermediate – Grammar

ESL Intermediate – Reading & Writing

ESL Advanced Reading

TOEFL Prep

ESL Learning Center (not for credit)

3 History credits required for graduation

Regional World Studies

History & Geography of the Southwest

United States History

U.S. and Global Citizenship

AP United States Government

AP United States History

3 Language credits required for graduation

Spanish I

Spanish II

Spanish III

AP Spanish Language

AP Spanish Literature (2020-2021)

Miscellaneous

AP Studio Art (2-year course, 1 credit each year)

Learning Center (not for credit)

Chores (1 credit each year; required)

College Counseling (2nd semester junior year, and

1st semester senior year – no credit)

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HUMANITIES

ENGLISH

English I

English I emphasizes the development of communication skills, including grammar, composition, and vocabulary. Students develop writing skills through various types of composing: paragraphs, outlines, essays, creative writing, book reports, etc. Literature studies include a variety of genre (short stories, poetry, drama, novels, plays, etc.) and develop understanding of how the craft of writing has changed throughout history. Upon successful completion of this course, the next course in the content area is English II.

English II

This course focuses on the study of World Literature, incorporating literary theory and reading comprehension, research, writing, listening, and speaking skills. Course study will include a variety of genres within World Literature, often presented in a thematic pattern. Composition in all genres is a major component of this course, as well as development of analytical and critical thinking skills. Grammar, mechanics, and usage will be covered mostly within the context of the literature and writing. Upon successful completion of this course, the next course in the content area is English III.

English III

This course will focus on furthering each student's skill set to read and write well. This includes practicing grammar, expanding vocabulary and learning to design a well-constructed essay. We will emphasize argumentation skills through writing effective thesis statements, proper quote integration, close readings and student-run discussions. This course will look at literature as an access point to further understand the structures of history, philosophy, psychology, gender studies and more. Upon successful completion of this course, your next English class will be English IV, AP English Language & Composition, or AP English Literature & Composition.

Expository Writing

In Expository Writing, students will improve their critical reading, writing, and thinking skills. They will hone their skills of self-expression, learning to write a critical opinion essay about a controversial topic with major points of supporting detail or illustration. Using different types of texts, including periodicals, magazine articles, novels, personal essays, digitally formatted stories, and editorials, students will compare and contrast the different structures in expository writing. Course study will include writing an effective thesis statement and response to a text-based critical thinking question, and incorporating textual evidence. Practical exercises in close reading, writing and editing are designed to train students in the mechanics of writing. Successful completion of the course will enable students to meet the challenges of writing at the college level.

AP English Literature

This advanced literature course will engage students in careful reading and analysis of a challenging set of literary works from a range of genres including the novel, short story, poetry and drama. The focus of the course will be on intensive reading and discussion of the literature, as well introduce secondary critical essays for discussion and evaluation. Emphasis will be placed on thoughtful and cogent analysis of the readings using a variety of theoretical frameworks and devices. The course is intended to provide students with an academic experience parallel to that of a college level literature course. This course will also include a writing component that focuses on expository, analytical and argumentative writing about

the literature through both discussion and essay format. Students are expected to be active readers as they analyze and interpret textual detail, establish connections among their observations, and draw logical inferences leading toward an interpretive conclusion.

AP English Language (2020-2021)

While preparing students to take the Advanced Placement Test in English Language and Composition, this course provides training in literary analysis as well as analytical and persuasive writing. In addition to practicing essay test-taking techniques, organization and time management, students study the interactions among subject, authorial purpose, audience needs, generic conventions, and the resources of the English language. Assignments include a directed narrative, analyses of test questions, analyses of rhetorical strategies, and persuasive essays. Students will also practice taking multiple choice tests which mirror those found in the exam. Upon successful completion of this course, students should be able to take the AP Exam and attain a score of 3, 4, or 5. Juniors taking the course would be eligible to take AP English Literature in their senior year. For students who acquire a score of 4 or 5, they often place out of college-level Freshmen English. For students who have placed-out, the next course in the content area would be a beginning to mid-level college English class of their choice.

HISTORY

Regional World Studies

This humanities survey course will explore the peoples, places and events from both the historical and modern world. Students will examine the foundations of early societies and the establishment of human civilizations from around the globe, and understand how that impacts the world today. Among the themes to be explored will be the social, political, cultural and economic intuitions of societies, as well as the interaction between humans and the environment. Topics may include, but are not limited to, physical and political geography, religion, political structures, economics and trade, religion and belief systems, war, arts, cultural norms and behaviors, and contemporary global issues. Through a variety of instructional methodologies and the use of primary and secondary sources, students will develop critical reading, thinking, collaboration, writing and research skills pertinent to the social sciences.

Upon successful completion of Regional World Studies, students will take either AP United States Government and Politics, or United States History the following year.

United States History

This humanities survey course will cover historical information beginning with Native American societies of North America prior to European colonization, to topics set in the modern-day U.S. While historical context and content will be the foundational medium, building historical, analytical and critical thinking skills will be the focus. We learn about U.S. history because we care not just about the past, or just the United State, but about the global present. The study of the history of this nation permits us to acquire a sense of who we are as a national people, where we came from, and how we got to where we are today. American history is as much about who we are in the present as it is about who our relatives were yesterday. This survey class will encourage you to examine the U.S. like a historian would; accordingly, various aspects of American society, including religion, politics, literature, geography, art and architecture, science and technology, commerce and culture will be our focus. Who we are today has been affected by the history that preceded us; the events we encounter in our lives today have been predicated by that history, just as the choices we make will come to shape the future – ours, this nation's, and that of the world. The decisions we make now and the lives that we lead today are all a part of history. History is alive and vibrant, and continues each moment of every day, and we are part of it. Understanding history helps us better navigate the world of today while preparing us for the world of

tomorrow. Today is, after all, nothing but tomorrow's history. Upon successful completion of this course, students will be prepared for Government & Economics.

AP United States Government

This advanced, college-level course will follow the College Board Advanced Placement syllabus. This course will examine the historical foundations of the American political system and its evolution through today. This course will provide an analytical perspective on American government and its essential philosophy, structure and history. Content will also comprise of in-depth examinations of case studies and policies and their historical context and impact; external intuitions and organizations associated with the process of government, and civic participation in the democratic process. Exceptional reading and writing skills, along with a willingness to devote considerable time to homework and study, are necessary to succeed in this class. Emphasis is placed on building critical and analytical thinking skills, argumentative writing, and on interpretation and analysis of primary and secondary sources. Upon successful completion of AP United States Government, students will be ready for the College Board Advanced Placement exam in May, and should next enroll in either United States History or AP United States History the following year.

AP United States History

Advanced Placement United States History is a college-level survey course of U.S. history from the pre-Columbian period to the present. Exceptional reading and writing skills, along with a willingness to devote considerable time to homework and study, are necessary to succeed in this class. Emphasis is placed on building critical and analytical thinking skills, argumentative writing, and on the interpretation and analysis of primary and secondary sources. Upon successful completion of this course, students will be prepared for t

Geography and History of the Southwest

Geography and History of the Southwest is a full year history course with a concentration on the southwest region of the United States (with an emphasis on Arizona). This course is a comprehensive study of the region's geography, followed by a study of the cultural variations and significant events during the course of the region's history – starting from prehistoric times all the way up to current events. It explores the political, social, and economic developments that have shaped and impacted our region and will likely impact it in the future. The course concludes with a concentrated look at modern era Arizona, local folklore examination, and an historical overlay of The Orme School, Orme Ranch, and Orme Family, regarding the history of the region. Emphasis is placed on building critical thinking skills and the interpretation and analysis of primary and secondary sources. The principal objective of the course is for the student to thoroughly understand the relevance of southwestern history and geography through the people and events of the past and connect them to the present and future. Through these efforts, critical thinking capabilities are developed leading to more responsible and informed decision-makers. The course also serves as a significant source of enhancing school pride and subsequent building of positive self-esteem.

U.S. and Global Citizenship

U.S. and Global Citizenship surveys a wide variety of modern issues, and sources its material from recent newspaper and magazine articles. From the prison industrial complex to NAFTA, from "Fake News" to the minimum wage debate, this course aims to connect disparate subjects and provide a more holistic view of the world. Another central aim of this course is consensus building. Students will be encouraged to understand viewpoints which differ from their own and to always respect their classmates. As part of this course, students will be required to take part in lively debates, write Op-Ed articles and give regular presentations to their classmates.

STEM

MATHEMATICS

Pre-Algebra

This course makes the transition from basic arithmetic operations and number sense to symbolic manipulation and abstract mathematical thinking. Topics will include the rules of operation, factoring, ratios, proportions and linear functions.

Algebra I

This course includes the following topics - properties of real numbers and their applications, linear equations and inequalities in one and two variables, exponents, radicals, factoring, rational expressions, solving quadratic equations including the quadratic formula, and graphing in the coordinate plane. Emphasis is placed on developing strong skills and independent

Geometry

This course has two basic goals - to explore the nature of spatial relationships and the properties of certain geometric figures, and to understand the nature of a proof based deductive system. Students study the role of postulates, definitions and theorems to write original proofs. Geometric topics studied include triangles, quadrilaterals, polygons, circles, basic three-dimensional shapes, parallel and perpendicular lines, congruence and similarity, area and volume, the Pythagorean Theorem, and an introduction to right triangle trigonometry. Continued algebra review is integrated into various geometric concepts.

Algebra II/Trigonometry

This course applies algebra skills to an integrated abstract level. Topics include linear and quadratic functions, absolute value functions, logarithmic and exponential functions, rational and radical functions, conic sections, trigonometric functions, complex numbers and probability. For each function type, students simplify expressions, solve equations in two and three variables and include applications. Connections between algebraic and graphical representations of functions are emphasized.

Pre-Calculus

This course prepares students for AP Calculus AB. Various functions are introduced and the properties of their graphs are explored. Some of the topics studied in depth are trigonometric and circular functions, exponential and logarithmic functions, complex numbers, polynomial and rational functions, matrices, limits, and an introduction to calculus. Graphing calculators are used to explore and investigate functions.

Pre-Calculus Honors

This course is designed to prepare students for AP Calculus BC. After reviewing algebra and polynomial functions, students study rational functions, exponential and logarithmic functions, trigonometric functions, trigonometric equations, and applications of trigonometry, polar coordinates and graphs of polar functions, vectors, parametric equations, matrices, partial fraction decomposition, sequences, series, the binomial theorem, probability, limits, and an introduction to calculus. Graphing calculators are used to explore and investigate functions.

Finance

Finance is a full year course primarily designed to encourage students to understand the impact of individual choices on future earnings potential and occupational goals (i.e. future employment). This course will give students the tools and resources needed to make wise financial decisions. Students will analyze their personal financial decisions, evaluate the costs and benefits of their decisions, recognize their rights and responsibilities as consumers, and apply the knowledge learned to financial situations encountered later in life. This course will deliver a foundational understanding needed to help students plan for the future and achieve financial security. Initially, this course develops a student's knowledge and analytical skills in such areas as basic economics (macro and micro), money management, budgeting, financial goal attainment, the wise use of credit, insurance, investments (including a simulated individual securities account competition), consumerism (i.e. marketing and advertising), and consumer rights and responsibilities. The course concludes with a simulated business modeling with a focus on business financial requirements. The goal of Finance is to encourage students to become financially responsible, conscientious members of society (individually and professionally), and lay a foundation for their future financial achievement

Statistics

This course is an introduction to the fundamental concepts of statistics involved in collecting, displaying, summarizing, and drawing inferences from data. Topics include exploratory data analysis, design of surveys and experiments, sampling distributions, estimation, and significance testing. Students frequently work on projects involving the hands-on gathering and analysis of data that are applicable to their daily lives and real-world events

Computer Science

The CodeHS introduction to computer science curriculum teaches the foundations of computer science and basic programming, with an emphasis on helping students develop logical thinking and problem-solving skills. Once students complete the CodeHS Introduction to Computer Science in Java, they will have learned material equivalent to a semester long college introductory course in Computer Science, and be able to program in Java.

AP Statistics (2020-2021)

Today's society places increasing importance on data analysis using computers, calculators, graphs and charts in many areas, ranging from the sciences to business. This is a mathematics course with an interdisciplinary approach. The course is divided into four major themes - exploratory analysis, planning considerations, probability, and statistical inference. Students will plan and perform data collection and analyses with opportunities to share questions and conclusions. This course will prepare students for the Advanced Placement Statistics examination.

AP Calculus AB

This is an Advanced Placement course in preparation for the Calculus AB examination. The course focuses on working with functions represented in a variety of ways - graphical, numerical, analytical, or verbal. Topics include analysis of graphs, limits, the concept and applications of the derivative, the Fundamental Theorem, and interpretations and applications of integrals.

AP Calculus BC

This is an Advanced Placement course in preparation for the Calculus BC examination. In addition to those listed under Calculus AB, the following topics are covered - numerical and graphical solutions of differential equations, parametric, polar and vector functions, improper integrals, polynomial approximations, and series.

AP Computer Science (2020-2021)

SCIENCE

Sustainability Studies

Sustainability Studies explores the environmental, social, and economic balance in systems, both locally and globally. Students will research current sustainability issues and will learn how to become systems thinkers, in order to solve real-world problems. Systems thinking involves focusing on the relationships, patterns, and cycles within a system, rather than just examining the individual components of the system. Students will gain hands-on experience as they apply what they learn in the classroom to unique outdoor projects that will enhance our environment and community on campus.

General Chemistry

The purpose of General Chemistry is to understand basic chemical and physical concepts and how they relate to everyday experiences. Students will develop problem solving and critical thinking skills, and understand and experience how scientists use the "scientific method." Students will work effectively with others in groups. They will be able to access information for life-long learning. (This includes use of the textbooks and other sources.) Upon successful completion of this course, students will be prepared for the next sequence in the student's content area. This class is not recommended for students seeking to take AP Chemistry.

Chemistry Honors

Honors Chemistry is an introductory chemistry class that prepares the student for AP Chemistry. The class is taught at college-level; therefore students must possess strong math and study skills. Students will be taught introductory chemistry but at an accelerated rate. Due to the accelerated rate of instruction, students will be taught advanced chemical concepts and begin learning how to answer AP Chemistry exam questions. Students will become familiar with the AP Chemistry textbook and will use the book in both Honors Chemistry and AP Chemistry. Honors Chemistry labs will align with AP Chemistry. Students will develop, design, problem solve, use critical thinking skills, and understand and experience how scientists use the "scientific method." Students will work effectively with others in teams in both the class and lab, and be able to access information for life-long learning. (This includes the use of textbooks, libraries and the Internet).

Biology

In biology students will study the web of interactions between the living and the non-living world. Through the processes of observation and experimentation students will seek to understand the living world and their place in it. The following themes help to unify the topics studied: 1) Science as inquiry; 2) Interaction of life and the environment; 3) Evolution; 4) Genetic continuity; 5) Relationship of structure and function; 6) Regulation and homeostasis; 7) Interdependence in nature; and 8) Science, technology and society. Upon successful completion of this course, the next course in the content area is Environmental Science.

Environmental Science

This course will introduce students to the field of sustainability and explore the fundamental question of how human and natural systems interact. Environmental Science focuses on how the environment functions, but also addresses how humans interact with and shape the environment and how it shapes us. This class will also focus on an approach to solving sustainability problems that comes from an emerging field known as Sustainability Science. Using real-world issues and problems such as

biodiversity loss, agriculture, and climate change, students will learn about the fundamental Earth systems on which we depend. Because of the partnership between ASU and Orme, students have the opportunity to earn college credit from passing this course.

Physics

In Physics, students will explore the physical world by experiment. Major topics that will be explored include kinematics, dynamics, forces, momentum and energy. As time permits, additional topics including waves, circuits, electricity and magnetism may be covered. Above all other goals in this course is that of learning by doing – students are to design and construct projects, collaboratively, which tie-in with material we have been learning. Past projects have included locks, DC motors, trebuchets and catapults, electric guitars and wind turbines.

Honors Chemistry

Honors Chemistry is an introductory chemistry class that prepares the student for AP chemistry. The class is taught at a college level; therefore students must possess strong math and study skills. Students will be taught introductory chemistry but at an accelerated rate. Due to the accelerated rate of instruction, students will be taught advanced chemical concepts and begin learning how to answer AP Chemistry Exam questions. Student will become familiar with the AP Chemistry textbook and will use the book in both Honors Chemistry and AP Chemistry. Honors Chemistry labs will align with AP Chemistry. Students will develop, design, problem solve, use critical thinking skills, and understand and experience how scientists use the "scientific method." Students will work effectively with others in teams in both the class and lab, and be able to access information for life-long learning. (This includes the use of textbooks, libraries and the Internet).

AP Chemistry (2020-2021)

The purpose of AP Chemistry is to understand and demonstrate advanced chemical concepts and how they relate to everyday experiences. Students will be involved in developing design, problem solving and critical thinking skills, and will come to understand and experience how scientists use the "scientific method." Students will work effectively with others in teams in both class and in labs. Students will be able to access information for life-long learning. (This includes the use of textbooks, libraries, and the Internet.) Upon successful completion of this course, students will be proficient in Chemistry and have the skills needed to complete a College Level Chemistry sequence.

AP Biology

The purpose of AP Biology is to understand and demonstrate advanced biological concepts and how they relate to everyday experiences. Students will be involved in development, design, problem solving and critical thinking skills, and will come to understand and experience how scientists use the "scientific method." Students will work effectively with others in teams, both in class and in the lab. They will be able to access information for life-long learning. (This includes the use of textbooks, libraries and the Internet.) Upon successful completion of this course, students will be proficient in Biology and will have the skills needed to complete a college level Biology sequence.

LANGUAGE STUDIES

Spanish I

Spanish I students will complete the study of basic verb tenses and basic grammar. They will write complete sentences using specific vocabulary and verbs. They will listen to authentic materials and/or native speakers and be able to understand the main ideas. They will respond to questions with short answers. All class activities will be conducted mainly in Spanish. All high school students without

previous language instruction will be placed in the Spanish I level. New students will be assessed on an individual basis, based on recommendations and test scores.

Spanish II

The emphasis of the class will be to practice using, in real and meaningful communication, both spoken and written, the basic grammar, verb tenses and vocabulary presented in Spanish I and II. Some new grammar and vocabulary will be introduced as needed for communication exercises. Students will also study Hispanic cultures and their impact on our global society.

Spanish III

Spanish III has a dual aim: to furnish a rapid review of the fundamental grammar and to learn the most complex grammatical concepts of the Spanish language, and to present a general introduction to Hispanic culture and history. Oral and written compositions are of a creative nature at this level. Readings from Hispanic literature are utilized to create awareness of the literary heritage of the Spanish-speaking world.

AP Spanish Literature & Culture (2020-2021)

The course aims to develop students' critical reading and analytical writing skills in Spanish to perform successfully on the Advanced Placement exam in Spanish Literature, as well as develop students' ability to make interdisciplinary connections and explore linguistic and cultural comparisons. This class will be conducted entirely in Spanish and students will be expected to communicate in Spanish appropriate to this level. The course covers the entire official AP Spanish Literature and Culture required reading list. Students will be required to write essays to continue improving analytical writing, as well as participate in active discussions to analyze the different works of poetry, prose and drama. Literary texts are grouped by themes. Students will discuss literary texts and their varied historical, socio-cultural and political contexts in a variety of oral and written activities and assignments, all in Spanish. Finally, students will analyze themes and works of varied artistic representations, as well as audiovisual and audio resources, in relation to the course content.

AP Spanish Language & Culture

The AP Spanish Language and Culture course is comparable to a high intermediate or advanced low-level college or university Spanish language course. Emphasizing the use of Spanish for active communication in real life tasks, it focuses on developing the students' abilities in the three modes of communication (Interpretive, Interpersonal and Presentational) and strengthening students' cultural competencies through theme-based instruction based on a variety of authentic resources, such as: newspapers, magazines, podcasts, blogs, advertisements, television programs, films, music, video clips and literature, Grammar and vocabulary are developed through contextualized study. (by AP Central)

Intermediate ESL Grammar

Students practice using the present, past and future verb tenses, modals, and the passive voice in simple, compound and complex sentences. Students learn the basics of formal academic writing, including formatting, collecting ideas, paragraph construction and editing. They also keep a journal as a way of reflecting on what they are learning and providing the opportunity to develop and record ideas for later use in formal writing assignments. Each week, students learn a list of approximately 50 vocabulary words taken from the textbooks or supplementary readings. In class, an emphasis is placed on using the vocabulary and grammatical structures in oral and written situations. Daily homework focuses on vocabulary acquisition and written exercises. Students are introduced to the iBT, and each quarter they focus on one of the four language skills tested in the iBT.

Intermediate ESL Reading & Writing

During first semester, students read short non-fiction and fiction selections written in simplified English for ESL students, write summaries and personal responses, and practice a variety of strategies for building vocabulary. During second semester, students read a selection of academic articles and practice skills for answering the types of questions in the reading section of the iBT. During the year, students also read two to three middle school level novels in the original version, and build the skills necessary to write a five-paragraph critical essay about the novels.

Advanced ESL Reading

ESL students are given a structured opportunity to improve their reading skills so that they will be able to read both fiction and non-fiction texts fluently at a level close to their grade level in school. Daily reading assignments and vocabulary study, along with weekly writing assignments, are the foundation of the course. Students read non-fiction passages and practice test-taking skills for the reading section of the iBT. They read young adult novels and write short answers, paragraphs, and five paragraph essays about the novels in preparation for taking mainstream literature classes. Students are introduced to basic research methods and complete a short research paper.

TOEFL Prep

This course prepares students for the iBT by focusing on writing, formal grammar structures, vocabulary building and speaking/listening skills. During the first semester, students complete a variety of writing exercises to review sentence and paragraph structures. They practice the process of writing essays, focusing on the 30-minute timed persuasive essay required for the iBT. They complete an intensive review of all English verb tenses, and practice for the independent speaking and listening tasks on the iBT. During the second semester, students complete exercises for the integrated speaking and writing tasks of the iBT; they review modals, the passive voice, conditional sentences and complex sentence structures. Throughout the year, the students study word elements from Greek and Latin as a way of expanding their vocabulary.

ELECTIVES

Basic Horsemanship

This course is designed for beginning riders, but any rider is welcome to attend. Due to the time limitations of a typical academic day, four days of the week, classes will feature lecture and guided practice (for example, catching horses, grooming, saddling, and groundwork). On long block days, with approximately 90-minutes of class time, students will practice what they have been studying and will have an opportunity to ride horses. Beginning students will learn safe, practical horsemanship skills, while more experienced students will have the opportunity to practice and improve their skills. This class is largely based on western riding with occasional ranch skills included, but English riders will benefit as well since this is a ‘basic’ horsemanship” class.

After School Horsemanship Activity

This after school activity provides students an opportunity to ride horses almost exclusively. Ideally, we will have two to three instructors so beginner, intermediate, and seasoned riders will be able to ride at their level, comfortably and confidently. For more experienced riders, we will focus on preparing for flag presentations at home football games, future competitions, and occasional trail rides as this benefits the health of our horses and encourages students to be comfortable in the backcountry for possible Orme Ranch cattle gathering and horse camping trips (fall and spring Caravans, for example). All riding levels are welcome.

Music of the World

In Music of the World, we will map the world musically by introducing a range of sonic expressions from diverse geographic areas, spanning Asia, Africa, Europe and the Americas. Students will learn about regionally specific concepts of music and sound, types of performance, instruments and vocal styles, the meaning music carries for its performers and listeners, and the ways in which it is produced and experienced. The course will broaden students' understanding of music as a worldwide phenomenon, and provide them with aural and analytical means to recognize and appreciate a wide variety of sonic repertoires and practices among the world's peoples.

Studio Music

Studio Music is a two-semester course designed for students who have expressed an interest in composing music and learning the techniques necessary to record their own songs. We will cover signal flow, recording hardware and software, equipment and microphones. Students will be able to use Logic Pro X by the end of the year. They will be required to write music and record it in groups or individually. This course will have homework and tests.

Digital Music Composition

In Digital Music Composition, we will explore all types of digitally affected music. Students will learn the tools and techniques of digital composition and recording, which will later be applied to their own compositions. Students are encouraged to discover new techniques and sonic realms. We will discuss the history of digital composition, MIDI, signal chain, audio editing tools, healthy recording habits and various compositional techniques. The primary goal of this course is to discover new soundscapes and build sonic structures from those discoveries.

Culinary Arts

Cooking and baking are the kinds of activities most people assume are second nature. After all, we're humans, and our most basic need is to supply ourselves with nutritious food. Logically, we should just be able to go into a kitchen and make something to eat by actually cooking. In today's world, sadly, this is seldom the case. This course is designed to give a life skill base to prepare/cook food that is nutritionally dense and pleasing to the palate. Students will be introduced to the basic principles of food preparation, including food and kitchen safety & sanitary practices, basics of a nutritional and healthy menu creation, proper use of kitchen tools and equipment, food cost and budgeting, basic cooking and baking processes, basic culinary terminology and techniques, elements of food preservation, food quality check points during production, food politics, government regulations affecting food & the consumer, how to set a table, and table etiquette.

Piano

Piano Class is an introductory-level course that will utilize a combination of lessons, music theory and technique study to teach students piano. Along with learning core piano concepts and practices, students will play and analyze written piano music in class to not only learn, but also refine and reinforce their understanding of various musical ideas. Such ideas include notation reading, rhythm, dynamics and articulations, and sight-reading.

Introduction to Studio Art

This course is an introduction to studio art. Students will gain experience working in various mediums such as drawing, painting, printmaking, graphic design and sculpture design. A significant portion of the coursework will focus on the importance of exploration through preliminary work and learning how to give and take constructive criticism through critique. Students will learn and practice integrating the elements and principles of art and design into their work. This class offers students the opportunity to stretch their imaginations to pay attention to details and be intentional in each aspect of their work.

Artwork does not always turn out as initially planned, but students will be encouraged to push past their challenges and find ways to turn what they may think of as “mistakes” into artwork that they are proud of.

Advanced Studio Art

Advanced 2-D Art is for students who already have a solid foundation for understanding the principles of art and the elements of art and design. Students will continue their education for the arts working in various mediums, such as drawing, painting, printmaking, graphic design, and sculpture design, bringing their creations to the next level. In this class students will think critically, develop their own creative process, explore options through preliminary work, seek constructive criticism, and push themselves to create their best work.

AP Studio Art

The AP Studio Art Program consists of three portfolio exams: 2-D Design, 3-D Design and Drawing, which correspond to the college foundation courses. Portfolios allow flexibility of coursework while guiding students to produce college-level quality, artistic investigation and breadth of work. This course is for students interested in a rigorous and focused study in art. Students will develop a quality portfolio that demonstrates a mastery of concept, composition and execution in 2-D design. This portfolio will be submitted to the College Board for college credit. The course will meet for two years. As in any college level course, students will be expected to spend a considerable amount of time outside of class in order to complete assignments, do homework and sketchbook assignments.

Metalsmithing

This half year course is an introduction to metalsmithing. Students will learn hand-fabricating techniques creating small scale sculptures and jewelry in copper, brass and silver. A significant portion of the coursework will focus on the importance of exploration through preliminary work and learning how to give and take constructive criticism through critique. This class offers students the opportunity to stretch their imaginations, to pay attention to details and be intentional in each aspect of their work. Metalsmithing is a challenging medium and students’ artwork will not always turn out as initially planned, but they will be encouraged to push past their challenges and find ways to turn what they may think of as “mistakes” into artwork that they are proud of.

Ceramics

This half year course is an introduction to Ceramics. Students will gain experience working on the pottery wheel and hand-building fabrication techniques. With each project, students will learn and practice integrating the elements and principles of art and design into their work. At the end of every unit, students will participate in critique, learning to give and take constructive criticism in a productive manner. This class offers students the opportunity to stretch their imaginations, to pay attention to details and be intentional in each aspect of their work. Artwork does not always turn out as initially planned, but students will be encouraged to push past their challenges and find ways to turn what they may think of as “mistakes” into artwork that they are proud of.

Theatre Production I

Theatre is an art that occurs in real time and in three-dimensional space in which the actor’s body and voice are the primary tools for expression. Theatre is a performance-based art, and all class members will participate in at least one class performance. In Theatre Production I, students will focus on developing basic acting skills through improvisation, theatre games and text work in an environment that is fun and positive. They will explore the creative process involved in mounting a production, which may include set, costume and lighting concepts, script analysis and basic directing concepts. In class,

students will learn to use the vocabulary of the theatre and incorporate the history of drama into daily classes. Theatre Production I is an active experiential class.

Theatre Production II

In Theatre Production II, students continue the work they began in Theatre I. Theatre II students are assessed with higher expectations and are tasked with larger and more difficult characters in scenes and plays. Theatre II students are expected to lead activities and mentor the Theatre I students.