

Course Catalogue



El Camino Real Charter High School

ECRCHS VISION STATEMENT

We envision a charter school community, highly regarded for its innovative teaching methods that empower students to be independent, determined, and compassionate global citizens who think critically, collaborate confidently, and work passionately toward a sustainable future in the world they will inherit.

ECRCHS MISSION STATEMENT

The mission of ECRCHS is to prepare our diverse student body for the next phase of their educational, professional, and personal journey through a rigorous, customized academic program that inspires the development of students' unique talents and skills, builds character, and provides opportunities for civic engagement and real-world experiences.

TABLE OF CONTENTS

COURSE CATALOGUE DESCRIPTION	2
SPECIAL PROGRAMS	3
REQUIREMENTS	6
ADVANCED PLACEMENT (AP) COURSES	7
BUSINESS TECHNOLOGY COURSES	17
CAREER/VOCATIONAL EDUCATION COURSES	21
ELECTIVES	25
ENGLISH AND EL COURSES	28
HEALTH/COLLEGE AND CAREER COURSES	37
MATHEMATICS COURSES	38
MILITARY SCIENCE	42
PHYSICAL EDUCATION COURSES	43
SCIENCE COURSES	50
SOCIAL SCIENCE COURSES	55
VISUAL PERFORMING ARTS COURSES	61
WORLD LANGUAGE COURSES	70

COURSE CATALOGUE DESCRIPTION

The course catalogue includes a list of graduation requirements, A-G college requirements, special programs at ECRCHS, and course options. The course options are subject to change based on student demand, teacher availability, and resources.

Each course listing will indicate the following information:

- **Course Title**
- **Course Description**
- **Prerequisites**
- **Expected Homework**
- **Other Requirements**
- **High School Requirement Met**
- **A-G Requirement Met**

SPECIAL PROGRAMS

Advancement Via Individual Determination (AVID)

AVID is a small learning community for students who have the potential and desire to attend a four-year college. Many students in the AVID program are the first in the family to attend college and benefit from the extra support and guidance. The AVID program involves academic instruction, tutorial support, and motivational activities. Students in the AVID program are enrolled in the AVID elective each semester and learn organizational/study skills, work on critical thinking and probing questions, get academic help from peers and tutors, and receive guidance through the college process. Students in the AVID program are required to maintain a GPA of 2.5 or higher.

9th

AVID AE English 9AB
AVID Algebra 1AB or Geometry AB
AVID World History AB
AVID Elective

10th

AVID AE English 10AB
AVID Geometry AB or Algebra 2AB
AVID Biology AB
AVID Elective

11th

AVID AE American Lit/Comp AB
AVID Algebra 2ab or Math Analy AB
AVID Chemistry AB
AVID Elective

12th

AVID World Lit/Advanced Comp
AVID Senior Seminar

Alternative Education

Students identified for the personalized intervention setting will be expected to master the skills and content necessary for the success in colleges and careers. Courses offered are not set on a semester timeline. Each course is designed to allow students the flexibility to access the curriculum at their own pace. The instructional curriculum will have the flexibility to provide specific intervention, catering to the needs of each student, throughout each course's entirety. A self-paced format allows the teacher to slow down the curriculum at anytime throughout the course and address learning deficits. This approach allows students of all levels to demonstrate growth and mastery within the curriculum and be successful in grade appropriate classes.

Careers in Entertainment Academy (CEA)

CEA is a four year, internationally recognized, academy in which students acquire the artistic and technical skills in all aspects of film and television production, in order to prepare them for a professional career in the entertainment industry. Filmmaking 1AB includes 1 semester of Film History and 1 semester of beginning Film Production, where students acquire the basic skills necessary to produce their own group narrative films. Sophomore year is Broadcast, which emphasizes documentary filmmaking and produces ECREALITY, a bi-monthly news format

web series. Junior and Senior years, students may choose to stay in Broadcasting, or they may move to Intermediate Filmmaking 2AB, for 11th grade, and Film Production (Advanced Film), for 12th grade. Both intermediate and advanced classes work in all film departments to produce 7-15 minute narrative films. Completed films are entered in prestigious national and international film festivals.

Concurrent Enrollment at Community College

Students may take community college classes that may count for both high school and college credit. It is recommended that students take community college classes for enrichment and not to finish a class that can be taken at ECRCHS. Community college courses are only added to a student's high school transcript if the class is needed to meet graduation requirements. If a class is offered here at El Camino, and a student chooses to take the class at the community college level instead, there is no augmented point in the ECRCHS GPA. When students take a community college course, the high school counselor signs a concurrent enrollment form, to show the student is a high school student, and the student can then take the class for free.

Humanitas

Humanitas is a college preparatory program for students who are interested in the social, political, and environmental issues that shape society. Humanitas consists of three college-prep classes at each grade level that work together to build academic skills and make connections between the content areas. The award-winning, project based curriculum prepares students for success in college and beyond. Humanitas is committed to the integration of visual and performing arts as an essential tool to engage students and develop deeper understandings of course content. Students in the humanitas program will have many opportunities for field trips and community service. Students in the humanitas program are required to maintain a GPA of 2.5 or higher.

9th

Humanitas AE English 9AB
Humanitas Art AB: Drawing and Theatre
Humanitas Science AB: Genetics and
Zoology

11th

Humanitas AE American Lit/Comp AB
Humanitas US History AB
Humanitas Chemistry AB

10th

Humanitas AE English 10AB
Humanitas World History AB
Humanitas Biology AB

12th

Humanitas AE Advanced Comp/World Lit
Humanitas Government/Economics
Humanitas Physiology AB

Independent Study

An independent study program will be offered to those students who are unable to attend school in the traditional five days a week format. The program is designed for students with special interests and abilities, scheduling problems, or individual needs that cannot be accommodated in

the traditional school. All of the courses can be offered on-line as well as in person from our NCLB qualified teachers on campus. Students must meet all independent study eligibility requirements. Because this program offers rigorous, challenging courses, students must be able to work independently and have a desire to learn.

Online Instruction

ECRCHS currently contracts with Cyber High to offer our students online classes. ECRCHS covers the expenses of these online classes. Each class is approximately five units and students may work on the classes from their home computers. However, to finish each unit, the student must stay after school to take a test. Each semester there is a specific deadline for completion; classes that are not finished by the deadline are lost and do not roll over to the next semester. Students may request additional information and sign up sheets from their counselors. Though there are other online, accredited programs from which we will accept credits, those other programs are private pay options.

Resource Specialist Program (RSP)

Students enrolled in the Resource Program are provided with support in the General Education English and/or Mathematics classroom(s) through the help of Resource teachers, paraprofessionals, and other related services providers. All Resource students have been assessed to determine their eligibility and academic disabilities. An Individualized Education Program (IEP) is developed to meet his/her special needs. The RSP Program offers students additional assistance in the Resource Room for help with homework, test-taking, tutoring, and small-group instruction. The instructional program may be fully accommodated in the general education milieu and/or accommodated in a Resource elective, as is indicated by a student's IEP.

Special Day Program (SDP)

The Special Day Program provides instruction for at least two or more classes per day for individuals with exceptional needs who have been identified as having a disability per their Individualized Education Program (IEP). Students are provided with direct specialized instruction in a separate classroom environment for most of the school day. The instructional program is a regular course taught by a special education teacher that may be accommodated to meet the individual needs of a student or modified to meet a student's needs at their instructional level, as determined by that student's IEP. As appropriate, students who are enrolled in special day classes interact with their general education peers through academic, nonacademic, and extracurricular activities.

REQUIREMENTS

EL CAMINO REAL CHARTER HIGH SCHOOL GRADUATION REQUIREMENTS

- Each class passed for the first time with a “D” or higher is worth 5 credits

English 9AB, 10AB, 11AB, 12AB	40 credits
Math (2 years)	20 credits
Health	05 credits
World History AB	10 credits
US History AB	10 credits
Government	05 credits
Economics	05 credits
Physical Science AB	10 credits
PE	20 credits
Visual Performing Arts	10 credits
Applied Tech (1 sem. must be computers)	10 credits
Electives	75 credits
Total Credits Needed	230 credits
Service Learning	Project completed in economics/government
Career Pathway	Discussion with counselor about career
Physical Fitness Test	Pass not required; student takes PE until passed

COLLEGE A-G REQUIREMENTS

- Minimum requirements needed to apply directly to a 4-year college after graduation
- Completing requirements does NOT guarantee entrance to any college
- A-G classes must be passed with a "C" or higher

A-G Category	Subject	Required Years
A	History/Social Science	2
B	English	4
C	Mathematics	3*
D	Laboratory Science	2*
E	Foreign Language	2*
F	Visual Performing Arts	1
G	College Preparatory Elective	1

Note: * indicates additional years are recommended

ADVANCED PLACEMENT (AP) COURSES

ADVANCED PLACEMENT BUSINESS TECHNOLOGY COURSES

Advanced Placement Computer Science AB (Grades 10-12, Annual Course)

This course is an introduction to object-oriented programming (OOP) using the Java programming language. Computer science concepts including classes, objects, functions, arrays, syntax, error-checking, and others will be taught in a Java context. Students will design and implement computer programs to solve problems and develop skills that are fundamental to the study of computer science. This includes the development and analysis of algorithms and fundamental data structures, and the use of logic and formal methods. The course prepares the student for the APCS-A test

Prerequisites: Introduction to Computers with a C or better, Algebra 1 with a B or better

Expected Homework: Frequent

Other Requirements: As per teacher

High School Requirement Met: Technology

A-G Requirement Met: G (College Preparatory Elective)

Advanced Placement Computer Science Principles AB (Grades 10-12, Annual Course)

This course is a full-year, entry-level course that introduces students to the foundations of modern computing. The course covers a broad range of topics that make up computing such as programming, algorithms, the Internet, big data, digital privacy and security, and the societal impacts of computing. The course is designed around the AP Computer Science Principles Framework and prepares students to take the AP Exam and to complete the AP Performance Tasks.

Prerequisites: Introduction to Computers with a C or better, Algebra 1 with a B or better

Expected Homework: Frequent

Other Requirements: As per teacher

High School Requirement Met: Technology

ADVANCED PLACEMENT ELECTIVES

Advanced Placement Capstone Seminar AB (Grades 10-12, Annual Course)

AP Seminar is a yearlong course that has students investigate real-world issues from multiple perspectives. Students learn to synthesize information from different sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team.

Prerequisites: Strong grades and work ethic

Expected Homework: Daily

Other Requirements: Per teacher

High School Requirement Met: Elective

A-G Requirement Met: G (College Preparatory Elective)

Advanced Placement Psychology (Grades 11 - 12, Annual Course)

This course covers the biological bases of behavior, sensation and perception, states of consciousness, learning cognition, motivation and emotion, developmental psychology, personality, testing and individual differences, abnormal psychology, treatment of psychological disorders, and social psychology.

Prerequisites: Approval by teacher

Expected Homework: 3 - 4 hours per week

Other Requirements: Oral presentation, note taking, notebook, research project

High School Requirement Met: Elective

A-G Requirement Met: G (College Preparatory Elective)

ADVANCED PLACEMENT ENGLISH COURSES

Advanced Placement English Language AB (Grade 11, Annual Course)

Aligning itself with the objectives of the Collegeboard AP Central, this course is designed “to enable students to read complex texts with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers” while “enabl[ing] students to write effectively and confidently in their college courses across the curriculum and in their professional and personal lives.” Additionally, this course will satisfy the required breadth of material consistent with two semesters of American Literature. The course surveys American literature from the Puritan period to the twentieth century, encompassing a number of major writers and important genres and themes. The course aims to provide a basic context for understanding literature written during this period of literary history by focusing on the historical and cultural contexts in which the literature was written and the changing conventions it employs. As such, you will be expected to learn/remember a fair amount of history: names, dates, and cultural terminology. This is a crash course on all the chronological background you may have missed out on but which is crucial for understanding the origins and early development of western culture.

Prerequisites: Honors English 10AB with a B or better and portfolio assessment.

Expected Homework: Approximately four hours a week.

Other Requirements: Assigned summer reading, library research/project, class participation, oral presentations, and vocabulary study.

High School Requirement Met: English

A-G Requirement Met: B (English)

Advanced Placement English Literature and Composition AB (Grade 12, Annual Course)

Designed for the honors student, this college level course focuses on reading challenging literature and writing mature interpretation. Students examine the historical and cultural context of the literature, discuss major issues, analyze style, and prepare for the Advanced Placement Examination in English Literature and Composition, for which they may receive college credit.

Prerequisites: American Literature and Composition Honors with an A or Advanced Placement English Language / American Literature Honors with a B or better – and both portfolio assessment and teacher recommendation.

Expected Homework: Approximately five to six hours per week

Other Requirements: Assigned summer reading; library research, including electronic sources; one literature-based research paper each semester; class participation; oral presentations; and group projects.

High School Requirement Met: 12th grade English

A-G Requirement Met: B (English)

ADVANCED PLACEMENT MATHEMATICS COURSES

Advanced Placement Calculus AB (Grades 11-12, Annual Course)

This is a college course and is intended for students who have a thorough knowledge of college preparatory mathematics. Emphasis is on stressing derivatives and their ions, differentials,, anti differentiation, definite integrals, application of integration, including areas and volumes, logarithmic, exponential, and trigonometric functions; solid analytic geometry, and an introduction to differential equations. Students may receive advanced placement or college course credit course if they qualify on the AP exam.

Prerequisites: Algebra 2AB and Math Analysis AB

Expected Homework: Daily; graphic calculator required, TI-83 recommended

Other Requirements: Pass tests

High School Requirement Met: Mathematics

A-G Requirement Met: C (Mathematics)

Advanced Placement Calculus BC (Grades 11-12, Annual Course)

This college level class prepares students for the Advanced Placement Calculus BC Exam. Topics included are the precise definition of limits and continuity, the derivative, and techniques of differentiation, applications of the derivative, area under a curve, integrals and the fundamental theorem, numerical methods of integration, integration techniques and application, analysis of parametric and polar curves, improper integrals, vector-valued functions, infinite series, and elementary linear differential equations.

Prerequisites: Algebra 2AB and Math Analysis AB

Expected Homework: Daily; TI-83 graphic calculator required

Other Requirements: Pass tests

High School Requirement Met: Mathematics

A-G Requirement Met: C (Mathematics)

Advanced Placement Statistics (Grades 11-12, Annual Course)

Statistics is a tool used by people in many disciplines to understand processes and make decisions. The course is designed for the mathematically mature student who has completed Algebra 2 successfully. This course is built around four main topics: exploring data, planning a study, probability as it relates to distributions of data, and inferential reasoning. It also covers areas which are supplemental to the traditional secondary mathematics curriculum.

Prerequisites: Algebra 2B or Math Analysis AB

Expected Homework: Daily; TI-83 graphic calculator highly recommended

Other Requirements: Pass tests

High School Requirement Met: Mathematics

A-G Requirement Met: C (Mathematics)

ADVANCED PLACEMENT SCIENCE COURSES

Advanced Placement Biology (Grades 10 - 12, Annual Course)

The major emphasis of this course is on developing the investigative laboratory approach to the study of living things, detailed study of living systems, the cell, organizational levels, adaptive and non-adaptive change, and interdependence of the organism with its environment. Meets life science requirement for high school.

Prerequisite: Approval by teacher

Expected Homework: 5-8 hours per week

Other Requirements: Additional hours for AP exam preparation

High School Requirement Met: Life Science

A-G Requirement Met: D (Laboratory Science)

Advanced Placement Chemistry (Grades 11 - 12, Annual Course)

Advanced Placement chemistry is designed to be taken after the successful completion of a first course in high school chemistry. The college course in general chemistry differs qualitatively from the usual first high school course in chemistry with respect to the kind of textbook used, the emphasis on in-depth chemical abstractions and calculations, and advanced laboratory experiments done by the students. Quantitative differences appear in the number and the variety of experiments in the laboratory. The course provides an in depth study of kinetic theory of gases, structure of matter, chemical equilibrium, reaction kinetics, thermodynamics, oxidation-reduction, and organic chemistry. Meets physical science requirement for high school.

Prerequisites: Permit by Instructor. Algebra 1AB, Geometry AB, Biology AB, and Chemistry AB

Expected Homework: 5 to 8 hours per week

High School Requirement Met: Physical Science

A-G Requirement Met: D (Laboratory Science)

Advanced Placement Environmental Science AB (Grades 11 - 12, Annual Course)

This elective course focuses on ecological concepts in context of both local and global environmental issues. Issues raised in the course range from pollution, to resource limits, to population dynamics, and to possible solutions. The course integrates biology, geology, oceanography, atmospheric science, geography and sociology to increase environmental awareness. Field trips are planned in order to promote hands-on involvement.

Prerequisite: Teacher approval.

Expected Homework: 5 hours per week

Other Requirements: Additional hours for AP exam preparation

High School Requirement Met: Physical Science

A-G Requirement Met: D (Laboratory Science)

Advanced Placement Physics 1 (Grades 11 - 12, Annual Course)

This course is equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics), work, energy, and power, mechanical waves, electricity and circuits. Students will have time to gain a greater depth of conceptual understanding through inquiry-based labs. Students will learn important science process skills such as explaining relationships, applying and justifying the use of mathematical models, designing experiments, analyzing data, and making connections across multiple topics within the course. The AP Program recommends that colleges grant one semester of credit for a score of 3 or higher on the AP Physics 1 exam. Students receive a weighted grade for successfully completing the course with a grade of C or better.

Prerequisite: A grade of "B" or better in Honors Biology; A grade of "C" or better in Honors Chemistry or Physics (P); and a grade of "C" or better in Math 4; and/or teacher recommendation.

Expected Homework: 5-8 hours per week

Other Requirements: Can be taken concurrently with math analysis or calculus

High School Requirement Met: Physical Science

A-G Requirement Met: D (Laboratory Science)

Advanced Placement Physics C (Grades 11 - 12, Annual Course)

AP Physics C: Mechanics and AP Physics C: Electricity and Magnetism form the first two semesters of college level physics for students majoring in the physical sciences or engineering. Topics include: Kinematics, Dynamics, Work, Energy, Power, Momentum, Circular Motion, Rotation, Oscillations, Gravitation, Electrostatics, Circuits, Dielectrics, Magnetic Fields and EM Induction. The sequence is parallel to or preceded by mathematics courses that include calculus. Methods of calculus are used wherever appropriate in formulating physical principles and in

applying them to physical problems. This course is more intensive and analytic than AP Physics 1. Strong emphasis is placed on solving a variety of challenging problems, some requiring calculus.

Prerequisite: A grade of "B" or better in AP Physics 1 or AP Chemistry; and a grade of "B" or better in Honors Math Analysis and concurrent enrollment in AP Calculus; A grade of "B" or better in AP Calculus; and/or teacher recommendation.

Expected Homework: 5-8 hours per week

Other Requirements:

High School Requirement Met: Physical Science

A-G Requirement Met: D (Laboratory Science)

ADVANCED PLACEMENT SOCIAL SCIENCE COURSES

Advanced Placement European History AB (Grades 10-12, Annual Course)

This is a college level equivalent course. It is an in-depth study of European history from 1450 to the 1980's, with 3 major themes: (1)Political and Diplomatic History, (2)Intellectual and Cultural History, (3) Social and Economic History. Essay tests, note taking and research papers will help students to understand the nature of history and its interpretations. College course credit or advanced placement for students who qualify on the CEEB AP EXAM in European History.

Prerequisite: Teacher approval

Expected Homework: 3 to 4 hours per week

Other Requirements: Essay writing, map work, oral presentation, current events, research projects

High School Requirement Met: World History

A-G Requirement Met: A (History/Social Science))

Advanced Placement Human Geography AB (Grades 10 - 12, Annual Course)

The AP Human Geography course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and application.

Prerequisite: Teacher approval

Expected Homework: 3 to 4 hours per week

Other Requirements: Essay writing, map work, oral presentation and research projects

High School Requirement Met: Elective

A-G Requirement Met: A (History/Social Science)

Advanced Placement Economics (Grade 12, Semester Course)

The curriculum is college preparatory, and basic math concepts are essential for many of the lessons covered. The course provides the basic groundwork for further study in preparation for the economics advanced placement test. Units covered include: 1) Economics history and thought, 2) The theory of the firm, 3) Forces of supply and demand in the market system, 4) The role of the government, 5) International trade, 6) Labor economics, and 7) Consumer rights and responsibilities. The class does require more study time than other economics courses offered here at school and students must have the ability to take notes and to prepare papers and essay questions.

Prerequisites: Department recommendation

Expected Homework: 3 to 4 hours per week

Other Requirements: College level performance and a research paper (cooperative learning assignment)

High School Requirement Met: Economics

A-G Requirement Met: A (History/Social Science)

Advanced Placement American Government and Politics (Grade 12, Semester Course)

This course involves both the study of general concepts used to interpret American politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that make up the topics and some questions a student might choose to explore, such as: 1) Constitutional underpinnings of American government, 2) Political beliefs and behavior, 3) Political parties and interest groups, 4) Institutions and policy processes of the national government, and 5) Civil rights and civil liberties. Advanced Placement classes require extra time on the part of the teacher as well as the student. Therefore, a variety of themes and approaches to American Politics and Government will be used. Essay examinations, note taking from both printed material and lectures, research projects are required.

Prerequisites: Approval by teacher

Expected Homework: 3 to 4 hours per week

Other Requirements: Essay writing, oral presentations, current events, research projects, and preparation for the AP Exam.

High School Requirement Met: Government

A-G Requirement Met: A (History/Social Science)

Advanced Placement American History (Grades 11 - 12, Annual Course)

This is a college level equivalent course. It emphasizes a variety of themes and approaches to U.S. History. Essay examinations, note taking from both printed material and lectures, and research papers are required. Students will learn to evaluate historical evidence and make extensive use of historical materials.

Prerequisites: Approval by teacher

Expected Homework: 3 to 4 hours per week

Other Requirements: Essay writing, map work, oral presentations current events, research project. Preparation for the advanced placement exam.

High School Requirement Met: U.S. History

A-G Requirement Met: A (History/Social Science)

Advanced Placement World History AB (Grades 10 - 12, Annual Course)

This is a full year college level equivalent course in world history from about 8000 C.E. to the present. The course and AP exam highlight six overarching themes. These themes include: the impact of societal interactions, change and continuity across world history periods, impact of technology and demography, social and gender structures, cultural and intellectual developments, and functions and structures of the states. Course work goes beyond simple memorization of knowledge. Active student participation is a major component of the class. The class focuses on historical thinking skills including: constructing and evaluating arguments, using primary documents, comparing societies/ major historical movements, assessing cause and effect, assessing change & continuity over time, and handling diverse historical interpretations.

Prerequisites: Approval by teacher

Expected Homework: 6 to 8 hours per week

Other Requirements: Essays, short answers questions, grappling with primary documents, map work, & occasional oral presentations

High School Requirement Met: World History

A-G Requirement Met: A (History/Social Science)

ADVANCED PLACEMENT VISUAL PERFORMING ARTS COURSES

Advanced Placement Art History AB (Grades 10 - 12, Annual Course)

AP Art History requires the high school student who has demonstrated college level ability to cover a full year college course from early cave paintings through the 21st Century, and readies the student for the AP examination in the spring.

Prerequisites: Teacher approval

Expected Homework: Online review, reading, discussion topics, practice quizzes, museum visits, slide study of art history examples

Other Requirements: Daily discussion/notes, activities, connections to world events

High School Requirement Met: Visual Performing Arts

A-G Requirement Met: F (Visual Performing Arts)

Advanced Placement Music Theory (Grades 11 - 12, Annual Course)

This is a college course and is intended for students who have a thorough knowledge of college music theory. Students may receive advanced placement or college course credit course if they qualify on the AP exam.

Prerequisites: Algebra 2AB, Math Analysis AB and department approval

Expected Homework: Daily

Other Requirements: Pass tests

High School Requirement Met: Visual Performing Arts

A-G Requirement Met: F (Visual Performing Arts)

Advanced Placement Studio Art: Drawing/Painting 2-D/3-D (Grades 11 - 12, Annual Course)

Students interested in the serious study of Drawing, Painting, Digital, 2-Dimensional and 3-Dimensional Design. Students examine in depth history, technique, processes and content of art and design. College credit can be earned through successfully engaging in the portfolio process.

Prerequisites: Teacher Approval by Portfolio Review

Expected Homework: Extensive work on projects

Other Requirements: Daily progress through class and teacher critiques

High School Requirement Met: Visual Performing Arts

A-G Requirement Met: F (Visual Performing Arts)

ADVANCED PLACEMENT WORLD LANGUAGE COURSES

Advanced Placement French Language and Culture (Grades 10-12, Annual Course)

The AP French Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. To best facilitate the study of language and culture, the course is taught almost exclusively in French. The AP French Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). This course prepares students to take the Advanced Placement exam for college credit.

Prerequisites: French 3AB or instructor approval upon completion of placement test

Expected Homework: Daily

High School Requirement Met: Elective

A-G Requirement Met: E (Languages other than English)

Advanced Placement Spanish Language and Culture (Grades 10-12, Annual Course)

The AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. The AP Spanish Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws,

conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). This course prepares students to take the Advanced Placement examination in this subject for college credit.

Prerequisites: Spanish 3AB, Spanish Speakers II or instructor approval upon completion of placement test

Expected Homework: Daily

High School Requirement Met: Elective

A-G Requirement Met: E (Languages other than English)

Advanced Placement Spanish Literature and Culture (Grades 10-12, Annual Course)

The AP Spanish Literature and Culture class is the highest level of Spanish offered in this school. It is a rigorous course that introduces students to representative texts (short stories, novels, poetry, and essays) from Peninsular Spanish, Latin American, and United States Hispanic literature. Students develop proficiencies across the full range of communication modes (interpersonal, presentational, and interpretive), thereby honing their critical reading and analytical writing skills. Literature is examined within the context of its time and place, as students reflect on the many voices and cultures present in the required readings. The course also includes a strong focus on cultural connections and comparisons, including exploration of various media (e.g., art, film, articles, literary criticism). This course prepares students to take the Advanced Placement examination for college credit.

Prerequisites: Advanced Placement Spanish Language and Culture or instructor approval

Expected Homework: Daily

High School Requirement Met: Elective

A-G Requirement Met: E (Languages other than English)

BUSINESS TECHNOLOGY COURSES

Accounting A (Grades 9-12, Semester Course)

The major emphasis of this course is to introduce basic accounting skills to students. It includes accounting vocabulary, T-accounts, journal entries, analyzing transactions, and creating income statements and balance sheets. Students will also learn a computerized accounting system along with Excel.

Prerequisites: Introduction to Computers

Expected Homework: Minimal

Other Requirements: As per teacher

High School Requirement Met: Applied Technology

A-G Requirement Met: NA

Advanced Computer Applications (Grades 9-12, Semester Course)

The major emphasis of this course is to help students develop in-depth skills in Microsoft Office. It includes an introduction to Excel (creating and formatting spreadsheets using formulas and functions); an introduction to PowerPoint (creating and editing slides including media and delivering presentations); and Access (creating database tables, queries and reports). Also included is an introduction to Photoshop.

Prerequisites: Introduction to Computers

Expected Homework: Minimal

Other Requirements: None

High School Requirement Met: Technology

A-G Requirement Met: NA

Advanced Placement Computer Science AB (Grades 10-12, Annual Course)

This course is an introduction to object-oriented programming (OOP) using the Java programming language. Computer science concepts including classes, objects, functions, arrays, syntax, error-checking, and others will be taught in a Java context. Students will design and implement computer programs to solve problems and develop skills that are fundamental to the study of computer science. This includes the development and analysis of algorithms and fundamental data structures, and the use of logic and formal methods. The course prepares the student for the APCS-A test

Prerequisites: Introduction to Computers with a C or better, Algebra 1 with a B or better

Expected Homework: Frequent

Other Requirements: As per teacher

High School Requirement Met: Technology

A-G Requirement Met: G (College Preparatory Elective)

Advanced Placement Computer Science Principles AB (Grades 10-12, Annual Course)

This course is a full-year, entry-level course that introduces students to the foundations of modern computing. The course covers a broad range of topics that make up computing such as programming, algorithms, the Internet, big data, digital privacy and security, and the societal impacts of computing. The course is designed around the AP Computer Science Principles Framework and prepares students to take the AP Exam and to complete the AP Performance Tasks.

Prerequisites: Introduction to Computers with a C or better, Algebra 1 with a B or better

Expected Homework: Frequent

Other Requirements: As per teacher

High School Requirement Met: Technology

A-G Requirement Met: G (College Preparatory Elective)

Digital Media (Grades 9-12, Semester Course)

This course is an introductory course that assists students in developing their computer skills and creativity using the Adobe Suite along with basic introductory Word concepts. Software includes Adobe Illustrator, Photoshop, and Indesign.

Prerequisites: None

Expected Homework: Minimal

Other Requirements: As per teacher

High School Requirement Met: Technology

A-G Requirement Met: NA

Graphic Design (Grades 11-12, Semester or Annual Course)

This competency-based course introduces students to the tools, methods, materials, and media of commercial art. This course also helps prepare students for employment as illustrators, or as Layout, Paste-up, or Production Artists. Students will also build a portfolio of their work consisting of ads, posters, magazine pages, record cover and cassette cover art, typography, logos, and illustrations.

Prerequisites: 11th & 12th Graders, 16 years or older

Expected Homework: As per teacher

Other Requirements: As per teacher

High School Requirement Met: Technology

A-G Requirement Met: NA

Introduction to Computers (Grades 9-12, Semester Course)

The major emphasis of this semester-long course is to help students develop basic computer skills. In this course, we will cover many different aspects of computer literacy and operation

including: keyboarding, responsible Internet use, Microsoft Windows, Microsoft Word (including creating, editing, and formatting documents), and basic use of Microsoft Excel and PowerPoint.

Prerequisites: None

Expected Homework: Minimal

Other Requirements: As per teacher

High School Requirement Met: Technology

A-G Requirement Met: NA

Marketing (Grades 10-12, Semester Course)

Marketing is an introductory business course designed for students who are interested in exploring how products are developed, produced, promoted, and distributed. Topics covered include basic business and economic concepts, and the legal and ethical issues concerning selling, advertising, and promotion. Emphasis is placed on the application of marketing foundations to develop communication, leadership, and technology skills.

Prerequisites: Introduction to Computers

Expected Homework: Minimal

Other Requirements: As per teacher

High School Requirement Met: Applied Technology

A-G Requirement Met: NA

Personal Finance (Grades 10-12, Semester Course)

The objective of this course is to focus on basic personal finance skills that are relevant to students and will help them build a solid foundation for financial independence. Students will be learning about checking accounts, savings accounts, the stock market and bond market, taxes, insurance and a wide range of other topics. Microsoft Excel will be utilized to assist students in analysis.

Prerequisites: Introduction to Computers

Expected Homework: Minimal

Other Requirements: As per teacher

High School Requirement Met: Applied Technology

A-G Requirement Met: NA

Web Design (Grades 10-12, Semester Course)

The objective of this course is to provide students with the basic skills to create, edit, and maintain a dynamic website on the Internet. Students will be instructed in website construction, design, and the use of HTML/CSS/ JavaScript coding languages to prepare websites that reinforce best practices in the web design industry. The course will also cover the elements of design, visual appearance, and accessibility of modern websites.

Prerequisites: Introduction to Computers with a grade of C or better, typing speed ≥ 35 WPM

Expected Homework: Minimal

Other Requirements: As per teacher

High School Requirement Met: Technology

A-G Requirement Met: None

CAREER/VOCATIONAL EDUCATION COURSES

Advanced Foods and Nutrition (Grades 11-12, Semester Course)

The major emphasis of this course is to prepare students to understand the principles of nutrition as they apply to selection and preparation of foods. Students will study meal management while learning to meet individual and family food needs as they relate to patterns of living

Prerequisites: Foods and Nutrition with a grade of “C” or better.

Expected Homework: Once or twice a week

Other Requirements: A food demonstration, bi-weekly tests, a notebook project and a final project

High School Requirement Met: Applied Technology

A-G Requirement Met: NA

Beginning Clothing (Grades 9-12, Semester Course)

This course is an entry-level course in the field of fashion design. Students will have in-depth, hands-on experiences that focus on basic sewing and clothing construction. Additional topics will include: the history of fashion, fashion forecasting, textiles and textile products.

Prerequisites: None

Expected Homework: Once or twice a week

Other Requirements: Various sewing projects, bi-weekly tests, and a final project

High School Requirement Met: Applied Technology

A-G Requirement Met: NA

Clothing and Textiles (Grades 9-12, Semester Course)

This course is designed for students who wish to obtain skills in garment construction and other textile-related skills. Students will gain an understanding of fashion, personal analysis, and wardrobe planning.

Prerequisites: Beginning Clothing with a grade of “B” or better and teacher’s approval.

Required Homework: Once or twice a week

Other Requirements: Completion of one garment, weekly projects, a notebook project and a final project

High School Requirement Met: Applied Technology

A-G Requirement Met: NA

Fashion Design (Grades 10-12, Semester Course)

The major emphasis of this course is to provide students with the knowledge and skills essential for the fashion design industry. Students will utilize the principles and elements of design to illustrate original fashion designs. They will learn the procedures for developing a fashion line

(e.g. researching trends and preparing sketches, color plates, and presentation boards). The culminating assignment of this course is to prepare and present a

Prerequisites: Completion of Clothing and Textiles class with a “B” or better and approval from the teacher.

Expected Homework: Once or twice a week

Other Requirements: Fashion design projects, bi-weekly tests, and a final project

High School Requirement Met: Applied Technology

A-G Requirement Met: NA

Fashion Merchandising (Grades 9-12, Semester Course)

This course focuses on the skills and procedures necessary for sales and marketing in the fashion industry. Students will study the impact of cultural factors on customers’ needs, desires, and satisfaction. They will also analyze sales and marketing techniques utilized in this field

Prerequisites: Beginning Clothing with a grade of “B” or better and teacher’s approval.

Expected Homework: Once or twice a week

Other Requirements: Merchandising projects, bi-weekly tests, and a final project

High School Requirement Met: Applied Technology

A-G Requirement Met: NA

Foods and Nutrition (Grades 11-12, Semester Course)

This course emphasizes the selection and preparation of nutritious foods. Topics include consumer decision-making, the basic concepts of nutrition, and the planning and preparation of nutritious meals in a foods laboratory.

Prerequisites: None

Required Homework: Once or twice a week

Other Requirements: A food demonstration, weekly vocabulary tests, a notebook project and a final project

High School Requirement Met: Applied Technology

A-G Requirement Met: NA

Housing and Interior Design (Grades 9-12, Semester Course)

This course is designed to prepare students for the rapidly growing careers in the housing and interior fields. Students will study the principles and elements of design, selection, and care of textiles and furnishings; principles of space planning and interior systems

Prerequisites: None

Required Homework: Once or twice a week

Other Requirements: Housing and interior design projects, bi-weekly tests, and a final project

High School Requirement Met: Applied Technology

A-G Requirement Met: NA

Parent Child Development (Grades 9-12, Semester Course)

This course is designed to prepare students about the responsibilities of parenting and understanding the development of children from birth to age six.

Prerequisite: None

Expected Homework: About twice a week.

Other Requirements: None

High School Requirement Met: Applied Technology

A-G Requirement Met: NA

Stage AB (Grades 9-12, Semester Course)

Building sets for plays and assemblies. Setting up sound and lighting for plays and school assemblies.

Prerequisites: Teacher recommendation

Expected Homework: None

Other Requirements: Being eligible to stay for after school activities

High School Requirement Met: Applied Technology

A-G Requirement Met: NA

Student Directing (Grades 9-12, Semester Course)

Course provides experience for students advanced in theater arts training. Students have the opportunity to select, cast, direct, and produce a one-act play for public performance.

Prerequisite: Department permission

Expected Homework: As needed to meet deadlines

High School Requirement Met: Applied Technology

A-G Requirement Met: NA

Teen Living (Grades 9-12, Semester Course)

The major emphases of this course are understanding growth and behavior patterns of adolescence, personal relationships with family and peers, the importance of appearance and appropriate dress, personal health and nutrition principles, communication skills, coping with pressures and crises, and maximizing individual potential. Identification of talents, skills, and abilities will be approached and related to career planning. Cultural influences on adolescent development will be explored.

Prerequisite: None

Expected Homework: About twice a week

Other Requirements: Final project and career exploration project

High School Requirement Met: Applied Technology

A-G Requirement Met: NA

Wood 1AB (Grades 9-12, Semester Course)

This course provides an overview of the fields of carpentry, cabinetmaking, furniture construction and related occupations. Students learn measuring, purchasing, and grading of wood, then plan, draw, and construct a simple woodworking project using hand and power tools. Shop organization and safety are included.

Prerequisites: None

Expected Homework: None

Other Requirements: None

High School Requirement Met: Applied Technology

A-G Requirement Met: NA

Wood 2/3AB (Grades 9-12, Semester Course)

This course provides an overview of the fields of carpentry, cabinetmaking, furniture construction and related occupations. Students learn measuring, purchasing, and grading of wood, then plan, draw, and construct a simple woodworking project using hand and power tools. Shop organization and safety are included.

Prerequisites: Approval of teacher

Expected Homework: None

Other Requirements: None

High School Requirement Met: Applied Technology

A-G Requirement Met: NA

ELECTIVES

Academic Decathlon (Grades 10-12, Annual Course)

This program promotes wholesome interscholastic competition in ten academic areas of study and interest. A team of nine students will be selected, three from each of the following categories:

Category	GPA (last 4 semesters)
Varsity	No minimum GPA
Scholastic	3.00 - 3.74
Honors	3.75 - 4.00

Leadership (Grades 9-12, Annual or Semester Course)

This class provides students an opportunity to gain practical leadership experience by organizing worthwhile school activities, conducting these activities democratically, building school morale and serving on school committees and performing community service.

Prerequisites: Elected or appointed

Expected Homework: Depends on extent of events. Much of the work is done during the school day.

Other Requirements: Organize events, preliminary reports, final reports, planning sheets, calendars, public relations, advertising, time for ticket sales and events.

High School Requirement Met: Elective

A-G Requirement Met: NA

Library Practice (Grades 9-12, Annual or Semester Course)

This course emphasizes the development of a working knowledge of library resources, organization, and the processes for accessing the materials. Opportunities for growth in leadership skills are provided through interaction with fellow students needing library and computer assistance. Increased computer knowledge is encouraged both through on-hands experience with the library automation program and library tasks utilizing word-processing and the Internet.

Prerequisites: Approval by Librarian

Expected Homework: None

Other Requirements: Students are graded weekly on assigned shelving sections, work habits, and cooperation

High School Requirement Met: Elective

A-G Requirement Met: NA

School Service/Teacher's Assistant (Grades 9-12, Semester Course)

The major emphasis of this course is to provide students with opportunities to develop the knowledge, skills, and attitudes that will prepare them for the world of work and to achieve personal fulfillment through productive service. Students may be assigned to serve in a school laboratory, cafeteria, or student store or to work for a department chairperson, teacher, office, or other staff member under the supervision of a certificated person.

Prerequisites: Teacher / staff / office approval

Expected Homework: None

Other Requirements: None

High School Requirement Met: Elective

A-G Requirement Met: NA

Tutoring Service (Grades 9-12, Semester Course)

The major emphasis of this course is to provide capable students with opportunities to teach other students concepts and skills required in their studies.

Prerequisites: Teacher / staff / office approval

Expected Homework: None

Other Requirements: None

High School Requirement Met: Elective

A-G Requirement Met: NA

Work Experience (Grades 11-12, Annual or Semester Course)

Work Experience Education involves student participation in planned, supervised learning on a job, requiring adult standards of performance scheduled during the regular school day on an equal basis with other school courses. Credit is granted only when the work experience is approved, programmed, coordinated, and supervised by school representatives, and is satisfactorily performed by the student. Employers must provide worker's compensation insurance for the students they employ. Students may enroll in Work Experience for a minimum of five credits a semester or a maximum of ten credits a semester. A total of 40 credits may be earned in grades 11 – 12.

Prerequisites: At least 16 years of age, or in grades 11 or 12.

Other Requirements: For five credits of Work Experience, students must work a minimum of 180 hours a semester, for ten credits, they must work 270 hours. These hours must be worked on at least three school days each week and must be distributed over a maximum of 15 weeks during the semester. Students must submit their paycheck stubs to verify the hours worked. Twenty hours of related instruction is required for all students earning Work Experience credit. Students meet twice weekly during the semester before school to fulfill this requirement.

High School Requirement Met: Elective

A-G Requirement Met: NA

Yearbook (Grades 9-12, Annual or Semester Course)

This course publishes the school yearbook and provides learning experience in journalism, photojournalism, layout design, graphic design, desktop publishing, and marketing.

Prerequisite: Excellent work habits with names of 2 teachers that could provide recommendations upon request; interest in learning or improving skills in photography, writing, and design; Experience with those skills is preferred but not at all necessary.

Other Requirements: Yearbook students will need to attend campus events and games to interview other students and take photos. This will require yearbook students to stay after school on some days.

High School Requirement Met: Elective

A-G Requirement Met: NA

ENGLISH AND EL COURSES

ENGLISH 9 COURSES

English 9AB (Grade 9, Annual Course)

This course presents an integrated language arts curriculum. Students practice reading, writing, speaking, listening, and thinking. They interpret and reflect on a sampling of English and world literature; discuss issues; and write paragraphs, business letters, and short essays.

Prerequisites: English 8AB

Expected Homework: Approximately three hours a week

Other Requirements: Reading additional fiction and nonfiction, developing vocabulary, using technology for research, writing a library paper, and producing group project/s. Recreational reading is encouraged.

High School Requirement Met: 9th grade English

A-G Requirement Met: B (English)

English 9AB AE (Grade 9, Annual Course)

This course, intended for college bound ninth grade students, emphasizes analysis of literature and synthesis in writing. Using a variety of media, students discover authors and texts from many cultures both fiction and non-fiction. In addition to learning the mechanics of writing, students learn how to clearly express their ideas both in verbal and written form. This class develops critical thinking skills essential for college and beyond. They will learn to examine literature analytically, to think critically, and to delve deeply into the issues we discuss.

Prerequisites: English 8AB and counselor recommendation

Expected Homework: Approximately four hours a week

Other Requirements: Extended and independent reading of additional fiction and nonfiction, developing vocabulary, using technology for research composing a library paper, and producing group project/s.

High School Requirement Met: 9th grade English

A-G Requirement Met: B (English)

English 9AB Honors (Grade 9, Annual Course)

In addition to the core works of the English 9AB integrated language arts curriculum, extended reading includes more challenging selections. Students write interpretive and reflective essays. This class is qualitatively different from English 9AB and English 9AB AE.

Prerequisites: English 8AB Honors and counselor recommendation

Expected Homework: Approximately five hours a week

Other Requirements: Extended and independent reading of additional fiction and nonfiction, developing vocabulary, using technology for research, composing a library paper, and producing group project/s.

High School Requirement Met: 9th grade English

A-G Requirement Met: B (English)

ENGLISH 10 COURSES

English 10AB (Grade 10, Annual Course)

Continuing the integrated language arts curriculum, this class reinforces and extends communication skills. Students participate in a prescribed and independent reading program, which focuses on English and world literature and includes novels, plays, short stories, biography, essays, and poetry. Students compose descriptive paragraphs and essays to support opinion, to persuade, to speculate about cause and effect, and to evaluate.

Prerequisites: English 9AB

Expected Homework: Approximately three hours a week

Other Requirements: Reading additional fiction and nonfiction, developing vocabulary, reviewing research skills, and producing group project/s.

High School Requirement Met: 10th grade English

A-G Requirement Met: B (English)

English 10AB AE (Grade 10, Annual Course)

This course, intended for college bound tenth grade students, emphasizes analysis of literature and synthesis in writing. Using a variety of media, students discover authors and texts from many cultures both fiction and non-fiction. In addition to learning the mechanics of writing, students learn how to clearly express their ideas both in verbal and written form. This class develops critical thinking skills essential for college and beyond.

Prerequisites: English 9AB AE with a B or better and portfolio assessment: or recommendation of English 9AB teacher and portfolio assessment.

Expected Homework: Approximately four hours a week

Other Requirements: Extended and independent reading of additional fiction and nonfiction, developing vocabulary, reviewing research skills, composing a library paper/project, and producing group project/s.

High School Requirement Met: 10th grade English

A-G Requirement Met: B (English)

English 10AB Honors (Grade 10, Annual Course)

The course surveys literature from the ancient world epics to modern novels, encompassing a number of major writers, cultures, and important genres and themes. The course aims to provide a foundation for understanding literature by focusing on the historical and cultural contexts in

which the literature was written and the changing conventions it employs. As such, you will be expected to learn/remember a fair amount of history: names, dates, and cultural terminology.

Prerequisites: English 9AB Honors with a **B** or better and portfolio assessment; or recommendation of English 9AB AE teacher and portfolio assessment.

Expected Homework: Approximately five hours a week

Other Requirements: Extended and independent reading of additional fiction and nonfiction, developing vocabulary, reviewing research skills, composing a literature based library paper, and producing group project/s.

High School Requirement Met: 10th grade English

A-G Requirement Met: B (English)

ENGLISH 11 COURSES

American Literature/Contemporary Composition AB (Grade 11, Annual Course)

This course provides understanding of recurrent themes and genres in U.S. Literature. Instruction focuses on integrated language arts and developing the writing process. Activities include writing for personal, vocational, and academic purposes; speaking effectively in group discussion; and critical thinking.

Prerequisites: English 10AB

Expected Homework: Approximately three hours a week

Other Requirements: Independent reading, vocabulary study, library paper/project, and group project/s

High School Requirement Met: English

A-G Requirement Met: B (English)

American Literature/Contemporary Composition AB AE (Grade 11, Annual Course)

In an integrated language arts framework, this course provides experience in literature as the product of the intellectual, economic, social, and political trends that create the modern United States. Writing assignments emphasize the analytical/expository domain and include a term project.

Prerequisites: English 10AB AE with a **B** or better and portfolio assessment or recommendation of English 10AB teacher and portfolio assessment.

Expected Homework: Approximately four hours a week

Other Requirements: Library research/project; class participation, oral presentations; vocabulary study; group project/s

High School Requirement Met: English

A-G Requirement Met: B (English)

American Literature/Contemporary Composition AB Honors (Grade 11, Annual Course)

This course focuses on American writing and cultural values from the early Native Americans through the 21st century all while enhancing college readiness. Beginning with the Native American oral traditions and strict Puritan writings, journeying through times of witch trials, slavery, Transcendentalism, segregation and world wars, Postmodernism, and ending with poetry, stories, and nonfiction from the writers of today. This course focuses on the diversity of American life while enhancing reading, writing, vocabulary, listening, speaking, and comprehension skills outlined in the Common Core Standards. Students will evaluate the argumentative philosophies of great American thinkers and reflect on their credibility while inherently reflecting on their own biases and perspectives. Communication skills will be developed through analyzing the persuasive art of famous, effective American speeches as students learn to deliver their own meaningful speeches. As critical thinkers, students will be prepared to be engaged citizens who can reflect on the literature of the American past in order to secure a better future.

Prerequisites: Honors English 10AB Honors with a B or better and portfolio assessment or recommendation of 10AB AE teacher and portfolio assessment.

Expected Homework: Approximately four hours a week

Other Requirements: Library research/project, class participation, oral presentations
vocabulary study

High School Requirement Met: English

A-G Requirement Met: B (English)

Advanced Placement English Language AB (Grade 11, Annual Course)

Aligning itself with the objectives of the Collegeboard AP Central, this course is designed “to enable students to read complex texts with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers” while “enabl[ing] students to write effectively and confidently in their college courses across the curriculum and in their professional and personal lives.” Additionally, this course will satisfy the required breadth of material consistent with two semesters of American Literature. The course surveys American literature from the Puritan period to the twentieth century, encompassing a number of major writers and important genres and themes. The course aims to provide a basic context for understanding literature written during this period of literary history by focusing on the historical and cultural contexts in which the literature was written and the changing conventions it employs. As such, you will be expected to learn/remember a fair amount of history: names, dates, and cultural terminology. This is a crash course on all the chronological background you may have missed out on but which is crucial for understanding the origins and early development of western culture.

Prerequisites: Honors English 10AB with a B or better and portfolio assessment.

Expected Homework: Approximately four hours a week.

Other Requirements: Assigned summer reading, library research/project, class participation, oral presentations, and vocabulary study.

High School Requirement Met: English

A-G Requirement Met: B (English)

ENGLISH 12 COURSES

Expository Composition/Modern World Literature (Grade 12, Annual Course)

This course provides practice in writing paragraphs and essays from a definite point of view or thesis and in using reason and evidence to explain and persuade. Students practice the writing process with emphasis on revising and editing. Literature study focuses on representative pieces of modern world literature, interpretation, and discussion of issues.

Prerequisites: American Literature and Contemporary Composition

Expected Homework: Approximately three hours a week.

Other Requirements: A research paper, interviews, oral presentations and group project/s

High School Requirement Met: English

A-G Requirement Met: B (English)

Advanced Composition/World Literature AE (Grade 12, Annual Course)

College and career readiness is the focus of this class. Students will complete a resume, college application essays, literary analysis essays, and an MLA format research paper. Students will also build on prior knowledge and continue to annotate articles, novels, and plays, paying close attention to figurative language, structure, style, etc. Texts used in this course are *The Catcher in the Rye*, *A Streetcar Named Desire*, *Hamlet*, and *Always Running*, in addition to supplemental articles/essays on topics related to the curriculum.

Prerequisites: American Literature / Composition AE with an A or American Literature / Composition Honors with a B or better – and portfolio assessment.

Expected Homework: Approximately four to five hours a week.

Other Requirements: Independent reading, a literature-based research project, and group projects.

High School Requirement Met: English

A-G Requirement Met: B (English)

Advanced Composition/English Literature Honors (Grade 12, Annual Course)

This course develops the ability to write analytical/expository essays through formulation of thesis, logical arrangement of ideas, and thorough presentation of evidence. It prepares students for college placement, for example, the CSU English Placement Test (EPT), and the UC Subject A. Students study representative selections of major authors from Great Britain.. Activities stress interpretation, increasing knowledge and understanding of the historical context of the literature, and the development of critical and imaginative faculties.

Prerequisites: American Literature / Composition AE with an A or American Literature / Composition Honors with a B or better – and portfolio assessment.

Expected Homework: Approximately four to five hours a week.

Other Requirements: Independent reading of two full length works, a literature-based research project, and some creative writing.

High School Requirement Met: 12th grade English

A-G Requirement Met: B (English)

Advanced Placement English Literature and Composition AB (Grade 12, Annual Course)

Designed for the honors student, this college level course focuses on reading challenging literature and writing mature interpretation. Students examine the historical and cultural context of the literature, discuss major issues, analyze style, and prepare for the Advanced Placement Examination in English Literature and Composition, for which they may receive college credit.

Prerequisites: American Literature and Composition Honors with an A or Advanced Placement English Language / American Literature Honors with a B or better – and both portfolio assessment and teacher recommendation.

Expected Homework: Approximately five to six hours per week

Other Requirements: Assigned summer reading; library research, including electronic sources; one literature-based research paper each semester; class participation; oral presentations; and group projects.

High School Requirement Met: 12th grade English

A-G Requirement Met: B (English)

ESL COURSES

ESL Beginning 1AB, Double Period (Grades 9-12, Semester Course)

The focus of this course is to improve overall English language skills and academic language in English, including speaking, listening, reading, and writing skills. To accomplish this goal we use the Hampton-Brown Highpoint instructional program that was adopted by LAUSD and ECR. These programs provide a way to organize instruction in the classroom that involves teacher-directed instruction utilizing small-group rotations. After being assessed, students will be placed in an appropriate English level and their instruction will vary accordingly. Students will be taught to the Common Core State Standards, ELD Standards, and towards meeting ECR's *Student Learning Outcomes*.

Prerequisites: LAS-O

Expected Homework: One hour daily

Other Requirements: Student should carry a bilingual dictionary to all classes as needed

High School Requirement Met: Elective

A-G Requirement Met: None

ESL Intermediate 2AB, Double Period (Grades 9-12, Semester Course)

The focus of this course is to improve overall English language skills and academic language in English, including speaking, listening, reading, and writing skills. To accomplish this goal we use the Hampton-Brown Highpoint instructional program that was adopted by LAUSD and ECR. These programs provide a way to organize instruction in the classroom that involves teacher-directed instruction utilizing small-group rotations. After being assessed, students will be placed in an appropriate English level and their instruction will vary accordingly. Students will be taught to the Common Core State Standards, ELD Standards, and towards meeting ECR's *Student Learning Outcomes*.

Prerequisites: Completion of ESL 1

Expected Homework: One hour daily

Other Requirements: Students should carry a bilingual dictionary to all classes as needed

High School Requirement Met: Elective

A-G Requirement Met: None

ESL Advanced 3, Double Period (Grades 9-12, Semester Course)

The focus of this course is to improve overall English language skills and academic language in English, including speaking, listening, reading, and writing skills. To accomplish this goal we use the Hampton-Brown Highpoint instructional program that was adopted by LAUSD and ECR. These programs provide a way to organize instruction in the classroom that involves teacher-directed instruction utilizing small-group rotations. After being assessed, students will be placed in an appropriate English level and their instruction will vary accordingly. Students will be taught to the Common Core State Standards, ELD Standards, and towards meeting ECR's *Student Learning Outcomes*. Credit is given for English 9A.

Prerequisites: Completion of ESL 2

Expected Homework: One hour daily

Other Requirements: Student should carry a bilingual dictionary to all classes as needed

High School Requirement Met: English 9a

A-G Requirement Met: B (English)

ESL Advanced 4, Double Period (Grades 9-12, Semester Course)

The focus of this course is to improve overall English language skills and academic language in English, including speaking, listening, reading, and writing skills. To accomplish this goal we use the Hampton-Brown Highpoint instructional program that was adopted by LAUSD and ECR. These programs provide a way to organize instruction in the classroom that involves teacher-directed instruction utilizing small-group rotations. After being assessed, students will be placed in an appropriate English level and their instruction will vary accordingly. Students will be taught to the Common Core State Standards, ELD Standards, and towards meeting ECR's *Student Learning Outcomes*. Credit is given for English 9B.

Prerequisites: Completion of ESL 3

Expected Homework: One hour daily

Other Requirements: Students should carry a bilingual dictionary

High School Requirement Met: English 9b

A-G Requirement Met: B (English)

ADDITIONAL ENGLISH COURSES

Journalism 1AB (Grades 9-12, Semester or Annual Course)

Course includes introductory training in writing news stories, feature articles, and editorials, and headlines for school newspapers. Culminating project involves working in a staff to produce a 4-page mock newspaper.

Prerequisites: None

Expected Homework: Approximately two hours a week

Other Requirements: Tests, quizzes and articles

High School Requirement Met: English

A-G Requirement Met: B (English)

Journalism 2AB (Grades 11-12, Semester or Annual Course)

Students strengthen and refine writing techniques through writing for the school newspaper, covering news beats, and meeting deadlines. Students learn to write news and feature stories, editorials, and reviews.

Prerequisites: Journalism 1AB or Journalism teacher's approval

Expected Homework: As needed to meet deadlines and fulfill requirements of assigned position

Other Requirements: None

High School Requirement Met: English

A-G Requirement Met: B (English)

Speech A (Grades 9-12, Semester Course)

This course provides experience in the study of speech fundamentals, practice in public speaking, and exercises in critical thinking. Content includes informal and formal speaking, panel discussions, oral interpretation of literature, beginning debate and drill in voice and speech mechanics.

Prerequisites: None

Expected Homework: Approximately three hours a week

High School Requirement Met: English

A-G Requirement Met: B (English)

Speech B (Grades 9-12, Semester Course)

Assignments in this course build upon Speech A exercises requiring longer speeches, more independent preparation, and more refined public speaking skills. Curriculum includes teaching and demonstrating Speech A lessons.

Prerequisites: Speech A or teacher permission

Expected Homework: Approximately three hours a week

High School Requirement Met: English

A-G Requirement Met: B (English)

Writers Seminar AB (Grade 12, Annual Course)

This class provides opportunities to explore, develop, extend and refine writing as a creative, empowering expression of observations, emotions, and ideas. In examining differences in style, each student is encouraged to discover her/his unique voice as a writer. Topics are both assigned and student generated, encompassing numerous genres including short story, poetry, rap, spoken word, personal narrative, comedy sketch, music lyrics, and scripts for theatre, TV, and film. All pieces are shared orally and peer review is utilized in relation to theme, style, tone, and audience impact. Editing and rewriting are major components of the class. Professional writers and alumnae lead writing workshops and provide opportunities for internships and public performances. The class culminates in a student-directed, staged reading showcase of the students' best work.

Prerequisites: English 9AB, English 10AB, Amer.Lit. & Cont. Comp.

Expected Homework: Approximately three hours a week

Other requirements: Teacher approval

High School Requirement Met: English

A-G Requirement Met: B (English)

HEALTH/COLLEGE AND CAREER COURSES

Health Semester Course

This course emphasizes the development of concepts, attitudes and skills necessary to make effective health decisions. The topics covered are personal health, consumer and community health, injury prevention and safety, alcohol, tobacco, and other drugs, nutrition, environmental health, family living, individual growth and development, communicable and chronic diseases. Some aspects of human reproduction and sexually transmitted diseases are covered.

Prerequisites: None

Expected Homework: Minimal

Other Requirements: None

High School Requirement Met: Health

A-G Requirement Met: None

College & Career Semester Course

This course prepares students to succeed in high school and to set goals for postsecondary education and careers. This course exposes students to a range of potential careers and helps them develop the skills, the attitudes, and the behaviors they will need to embark upon their lives as young adults. Students will learn to solve real-world issues that are relevant to their lives, using critical and analytical thinking, collaboration and technology.

Prerequisites: None

Expected Homework: Minimal

Other Requirements: None

High School Requirement Met: Elective

A-G Requirement Met: None

MATHEMATICS COURSES

Advanced Placement Calculus AB (Grades 11-12, Annual Course)

This is a college course and is intended for students who have a thorough knowledge of college preparatory mathematics. Emphasis is on stressing derivatives and their ions, differentials,, anti differentiation, definite integrals, application of integration, including areas and volumes, logarithmic, exponential, and trigonometric functions; solid analytic geometry, and an introduction to differential equations. Students may receive advanced placement or college course credit course if they qualify on the AP exam.

Prerequisites: Algebra 2AB and Math Analysis AB

Expected Homework: Daily; graphic calculator required, TI-83 recommended

Other Requirements: Pass tests

High School Requirement Met: Mathematics

A-G Requirement Met: C (Mathematics)

Advanced Placement Calculus BC (Grades 11-12, Annual Course)

This college level class prepares students for the Advanced Placement Calculus BC Exam. Topics included are the precise definition of limits and continuity, the derivative, and techniques of differentiation, applications of the derivative, area under a curve, integrals and the fundamental theorem, numerical methods of integration, integration techniques and application, analysis of parametric and polar curves, improper integrals, vector-valued functions, infinite series, and elementary linear differential equations.

Prerequisites: Algebra 2AB and Math Analysis AB

Expected Homework: Daily; TI-83 graphic calculator required

Other Requirements: Pass tests

High School Requirement Met: Mathematics

A-G Requirement Met: C (Mathematics)

Advanced Placement Statistics (Grades 11-12, Annual Course)

Statistics is a tool used by people in many disciplines to understand processes and make decisions. The course is designed for the mathematically mature student who has completed Algebra 2 successfully. This course is built around four main topics: exploring data, planning a study, probability as it relates to distributions of data, and inferential reasoning. It also covers areas which are supplemental to the traditional secondary mathematics curriculum.

Prerequisites: Algebra 2B or Math Analysis AB

Expected Homework: Daily; TI-83 graphic calculator highly recommended

Other Requirements: Pass tests

High School Requirement Met: Mathematics

A-G Requirement Met: C (Mathematics)

Algebra 1AB (Grades 9-12, Annual Course)

This course prepares students to organize their thoughts, to solve problems and to prepare for continued studies in mathematics science. The student will master elementary word problems and apply formulas. Instructional units include: real numbers, solving linear quadratic and rational equations, square roots, factoring and graphs. This course is taught as a one year (two semesters) or two year course (four semesters) .

Prerequisites: None

Expected Homework: Daily

Other Requirements: Pass tests

High School Requirement Met: Mathematics

A-G Requirement Met: C (Mathematics)

Algebra 2AB (Grades 9-12, Annual Course)

This course extends the mathematical content of Algebra 1AB and Geometry AB. Abstract thinking skills, function concept, and Algebraic solution of problems are emphasized. This includes the understanding of problems and graphical solutions to problems. Calculators and computers may be used throughout to aid in solution of problems and in verification of estimates and approximations.

Prerequisites: Algebra 1AB and Geometry AB

Expected Homework: Daily; TI-83 calculator recommended, scientific calculator required

Other Requirements: Pass tests

High School Requirement Met: Mathematics

A-G Requirement Met: C (Mathematics)

Algebra 2AB Honors (Grades 9-12, Annual Course)

This course covers the same material as Algebra 2 but in more depth, and it extends the study of algebra to include enrichment topics such as probability and statistic, linear programming, Algebraic structures (groups, rings, fields), and isomorphic mappings. The course is designed for the very capable student who is highly motivated in mathematics.

Prerequisites: Algebra 1AB and Geometry AB

Expected Homework: Daily; TI-83 graphic calculator recommended

Other Requirements: Pass Tests

High School Requirement Met: Mathematics

A-G Requirement Met: C (Mathematics)

Applied Advanced Mathematics AB (Grades 11-12, Annual Course)

This course covers measurements in Geometry, such as comparing weights, capacities, geometric measures and time and temperatures; constructing and reading drawings and models to scale;

finding perimeters, areas and volumes of common geometric shapes and objects; the Pythagorean Theorem and an understanding of plane and solid geometric shapes; statistics analysis and probability; and everyday real life world problems. In addition developing critical thinking and generalizations of the results obtained and strategies used and their applications.

Prerequisites: Passed Algebra 1B1 and 1B2 with a D.

Expected Homework: Daily

Other Requirements: Pass tests.

High School Requirement Met: Mathematics

A-G Requirement Met: C (Mathematics)

Differential Equations (Grades 11-12, Semester Course)

This course is an introductory course to Ordinary Differential Equations. The primary purpose will be to develop and employ methods to solving ODEs along with applying them to real life problems. The theoretical (proof) aspects will be lightly addressed, but will not be an underlying goal of the course. The course will focus on the following topics as well as the occasional interjection of interesting side topics: Introduction to Differential Equations, First - Order Differential Equations (Separable, Linear, Exact, Substitutions (Bernoulli, Ricatti, Clairaut), Modeling With First - Order Differential Equations, Higher - Order Differential Equations (Reduction of Order, Undetermined Coefficients, Variation of Parameters, Cauchy - Euler Equation), Modeling with Higher Order DE's, Series Solutions of Linear Equations, The Laplace Transform. If time permits, the class would cover Green's Functions, Nonlinear DEs, Systems of Linear First - Order DE's, and Numerical Solutions of ODEs.

Prerequisites: Multivariable Calculus

Expected Homework: Daily

Other Requirements: graphing calculator (TI - 84Plus preferred or the like)

High School Requirement Met: Mathematics

A-G Requirement Met: C (Mathematics)

Geometry AB (Grades 9-12, Annual Course)

This course provides a basic foundation in the study of spatial and logical aspects of mathematics, learning the relationships between and properties of geometric figures, applying formulas to define perimeters, areas, volumes and surface areas of two and three dimensional figures. This is a fundamental college preparatory math course and a prerequisite for Algebra 2AB and Math Analysis.

Prerequisite: Algebra 1AB

Expected Homework: Daily; Scientific Calculator recommended

Other Requirements: Pass tests

High School Requirement Met: Mathematics

A-G Requirement Met: C (Mathematics)

Mathematical Analysis AB (Grades 10-12, Annual Course)

This course emphasizes pre-calculus topics, trigonometry, equations of higher degree, algebraic functions, exponential functions, logarithmic functions, and their graphs. It explores conic sections from their definitions including translations and rotations, and quadratic surfaces.

Prerequisites: Algebra 2AB

Expected Homework: Daily; TI-83 graphic calculator highly recommended.

Other Requirements: Pass tests

High School Requirement Met: Mathematics

A-G Requirement Met: C (Mathematics)

Multivariable Calculus (Calculus III) (Grades 11-12, Semester Course)

Multivariable Calculus (Calculus III) is a course which will conclude an introductory sequence of Calculus, generally required for a Math, Physics, or Engineering degree. It is understood that this course is not an advanced calculator course. Students are expected to work out problems without the use of calculators when required. The course will focus on the following topics as well as the occasional interjection of interesting side topics: Vectors and the Geometry of Space, Vector Functions, Partial Derivatives, Multiple Integrals, and Vector Calculus.

Prerequisites: AP Calculus BC

Expected Homework: Daily

Other Requirements: graphing calculator (TI - 84Plus preferred or the like)

High School Requirement Met: Mathematics

A-G Requirement Met: C (Mathematics)

MILITARY SCIENCE

NJROTC 1, 2, 3, 4 AB (Grades 9-12, Annual Course)

This course provides students the opportunity to develop citizenship, self-discipline, and leadership skills through hands on learning experiences and increasing responsibility over four years. The program emphasises teamwork, competition, and community service. Cadets will participate in physical training, military drill, uniform inspections, and academics on a weekly basis. Successful completion of this course prepares students for appointments to the Naval Academy, West Point, or the Air Force Academy as well as the possibility of a \$180,000 college ROTC scholarship.

Prerequisite: Levels must be completed sequentially

Expected Homework: Minimal

Other Requirements: Community service each semester

High School Requirement Met: Physical Education

A-G Requirement Met: NA

PHYSICAL EDUCATION COURSES

PE COURSES

Adapted Physical Education (Grades 9 - 12)

Students who are approved by the individualized Education Program (IEP) Team, may participate in adapted physical education if they are unable to participate in regular physical education. This course stresses movement activities planned to promote maximum optimum motor development. It also provides the student with special activities to help correct or improve his/her condition.

Prerequisite: Recommendation by the IEP team

Expected Homework: None

Other Requirements: None

High School Requirement Met: Physical Education

A-G Requirement Met: NA

Advance Physical Education 1AB (Grade 9)

The major emphasis is to enable the student to experiment and further refine the skills needed in one or more of the activities offered. The course covers the physical and mechanical principles of movement, their interrelationship, and their effects on the performer. Strength training and cardio are incorporated into the class.

Prerequisite: None

Expected Homework: Study and understand worksheets.

High School Requirement Met: Physical Education

A-G Requirement Met: NA

Advance Physical Education 2AB (Grades 9 - 12)

The major emphasis is to expand skills acquired in Grade 9 and to teach or refine further the skills needed in activities offered. The course covers the physical and mechanical principles of movement and their effects on the performer, and it also provides for acquisition of skills necessary to participate on an advanced level. Strength training and cardio are incorporated into the class.

Prerequisite: None

Expected Homework: Study and understand worksheets.

High School Requirement Met: Physical Education

A-G Requirement Met: NA

Aerobics (Grades 9 - 12)

Aerobics is a fitness class that includes both aerobic and anaerobic activity. Activities are designed to burn calories, increase cardiovascular endurance, and strengthen muscles.

Prerequisite: None, but priority even given to grades 10-12

Expected Homework: None

High School Requirement Met: Physical Education

A-G Requirement Met: NA

Body Conditioning (Grades 9 - 12)

To provide opportunity for students to develop muscular strength and power through progressive weight training and cardio vascular conditioning. Includes fundamental skill techniques, safety rules, and systemic methods of progressive muscle development.

Prerequisites: None

Expected Homework: Development and maintenance of workout card.

Other Requirements: None

High School Requirement Met: Physical Education

A-G Requirement Met: NA

Dance Choreography and Production (Grades 9 - 12)

Enables students to use the body creatively as a means of communication and expression. The instruction encourages the student, through movement, to explore time, space, force, design, and rhythm. Students have an opportunity to develop and improve flexibility, strength, endurance, balance, and coordination, as well as dance techniques.

Prerequisites: Teacher approval

Expected Homework: None

Other Requirements: None

High School Requirement Met: Visual Performing Arts

A-G Requirement Met: F (Visual Performing Arts)

Tennis Class (Grades 9 - 12)

This course enables students to develop and refine the skills of tennis. The course covers fundamental skills, rules, scoring, etiquette, strategy, court positioning, equipment selection, and game play.

Prerequisites: None

Expected Homework: None

Other Requirements: None

High School Requirement Met: Physical Education

A-G Requirement Met: NA

TEAMS

Baseball Team (Grades 9 -12: Varsity, Junior Varsity, and Freshmen)

The emphasis is to gain skills and knowledge of fundamental techniques, practice in drills and game skills, offensive and defensive strategies and knowledge of the rules of baseball. Students will participate in interscholastic competitions.

Prerequisite: Approval of coach

Expected Homework: None

Other Requirements: None

High School Requirement Met: Physical Education

A-G Requirement Met: NA

Basketball Team (Grades 9 - 12: Varsity, Junior Varsity, and Frosh/Soph)

The course offers students opportunities to develop and refine the basic skills of passing, catching, and to study the skills of pertinent shooting and rebounding. It covers fundamental skills, courtesy, strategy, and practice in drills and in interscholastic competition.

Prerequisite: Approval of coach

Expected Homework: None

Other Requirements: None

High School Requirement Met: Physical Education

A-G Requirement Met: NA

Cheerleading (Grades 9 - 12: Varsity and Junior Varsity)

Provides an opportunity for skilled students to develop routines and to perform before an audience. The course helps students to develop leadership skills and increase their knowledge of techniques to promote enthusiasm. Students will be taking part in cheerleading competitions.

Prerequisites: Consent of sponsor

Expected Homework: None

Other Requirements: None

High School Requirement Met: Physical Education

A-G Requirement Met: NA

Cross Country Team (Grades 9 - 12)

Prerequisites: Consent of sponsor

Expected Homework: None

Other Requirements: None

High School Requirement Met: Physical Education

A-G Requirement Met: NA

Drill Team (Grades 9 - 12)

The major emphasis of this course is to provide the student with an opportunity to develop movement patterns by putting together basic marching maneuvers in new and unusual

arrangements. The course provides an opportunity for the student to perform before an audience and in competitions.

Prerequisites: Approval of sponsor

Expected Homework: None

Other Requirements: None

High School Requirement Met: Physical Education

A-G Requirement Met: NA

Football Team (Grades 9 - 12: Varsity and JV)

Prerequisites: Approval of coach

Expected Homework: None

Other Requirements: None

High School Requirement Met: Physical Education

A-G Requirement Met: NA

Golf Team (Grades 9 - 12)

Prerequisites: Approval of coach

Expected Homework: None

Other Requirements: None

High School Requirement Met: Physical Education

A-G Requirement Met: NA

Marching Dynamics (Grades 9 - 12)

Prerequisites: Approval of coach

Expected Homework: None

Other Requirements: None

High School Requirement Met: Physical Education

A-G Requirement Met: NA

Off-Season Baseball (Grades 9 - 12)

A comprehensive class stressing the fundamental techniques and mechanics of baseball. Included is a specific weight training and conditioning unit designed for off-season conditioning and strength development.

Prerequisite: None

Expected Homework: Development and maintenance of workout card

Other Requirements: None

High School Requirement Met: Physical Education

A-G Requirement Met: NA

Off-Season Basketball (Grades 9 - 12)

A comprehensive course stressing fundamental techniques and strategies of basketball. Included is a specific strength and conditioning unit designed of off-season development.

Prerequisite: Approval of coach

Expected Homework: Development and maintenance of workout card

Other Requirements: None

High School Requirement Met: Physical Education

A-G Requirement Met: NA

Off-Season Softball (Grades 9 - 12)

Prerequisite: Approval of coach

Expected Homework: Development and maintenance of workout card

Other Requirements: None

High School Requirement Met: Physical Education

A-G Requirement Met: NA

Soccer Team (Boys / Girls) (Grades 9 - 12: Varsity and JV)

The emphasis is to gain skills and knowledge of fundamental techniques, practice in drills and game skills, offensive and defensive tactics and knowledge of the rules of soccer. Students will participate in interscholastic competitions.

Prerequisites: Approval of coach

Expected Homework: None

Other Requirements: None

High School Requirement Met: Physical Education

A-G Requirement Met: NA

Softball Team (Grades 9 - 12: Varsity and JV)

This course provides opportunities for students to gain skills and knowledge in playing softball. The course teaches throwing, batting, catching, and running skills. It includes individual skill development, game strategy, and knowledge of rules, safety rules and regulations, duties and specific skills of each player's position and practices in drills and interscholastic competitions.

Prerequisites: Approval of coach.

Expected Homework: None

Other Requirements: None

High School Requirement Met: Physical Education

A-G Requirement Met: NA

Tennis Team (Boys / Girls) (Grades 9 - 12)

Interscholastic competition provides students with daily drills, play, conditioning exercise, individual playoffs, and team playoffs.

Prerequisite: Approval of coach.

Expected Homework: None
Other Requirements: None
High School Requirement Met: Physical Education
A-G Requirement Met: NA

Track and Field Team (Grades 9 - 12)

This course enables students to develop and refine their skills in various types of track and field events. The course helps students to develop and refine the skills of running, jumping, and throwing. In track events, these skills are used in sprints, distance running, hurdles, and relay events, in high jump, pole vault, long jump, triple jump, discus, javelin, and shot put competition.

Prerequisite: Approval of coach
Expected Homework: None
Other Requirements: None
High School Requirement Met: Physical Education
A-G Requirement Met: NA

Volleyball Team (Grades 9 - 12: Varsity and JV)

This course provides opportunities for students to gain skill and knowledge in volleyball. It covers fundamental skills, courtesy, strategy, and practice in drills and in interscholastic competitions.

Prerequisites: Approval of coach
Expected Homework: None
Other Requirements: None
High School Requirement Met: Physical Education
A-G Requirement Met: NA

Wrestling Team (Grades 9 - 12)

This course offers students opportunities to develop and refine the skills of wrestling. It provides training in physical contact of a competitive nature. It promotes mastery of fear that may arise from anticipation of violent personal contact. Included are takedowns, breakdowns, reverses and escapes, pinning combinations, counter for takedowns, scoring and rules, care of the mat, safety precautions, and offensive and defensive strategies. Students participate in interscholastic competitions.

Prerequisites: Approval of coach
Expected Homework: None
Other Requirements: None
High School Requirement Met: Physical Education
A-G Requirement Met: NA

Water Polo (Fall) Swim Team (Spring) Team (Grades 9 - 12)

Prerequisites: Approval of coach

Expected Homework: None

Other Requirements: None

High School Requirement Met: Physical Education

A-G Requirement Met: NA

SCIENCE COURSES

LIFE SCIENCE COURSES

Biology AB (Grades 10 - 12, Annual Course)

This course provides educational experiences in the basic biological principles: structural unit of life, chemical functioning of organisms, patterns of life, classification by observable structure, populations, community structure, ecological interrelationships, reproduction patterns, heredity, and adaptation and change in living things. Stress is on active student participation in laboratory investigations and the development of critical thinking skills. Meets life science requirement for high school.

Prerequisite: None

Expected Homework: 3 to 5 hours a week

High School Requirement Met: Life Science

A-G Requirement Met: D (Laboratory Science)

Honors Biology AB (Grades 9 - 12, Annual Course)

This course covers in greater depth the topics in Biology AB. Stress is in active student participation in laboratory investigations and the development of critical thinking skills. Excellent preparation for AP Biology.

Meets life science requirement for high school.

Prerequisite: None. Counselor approval if taken in grade nine.

Expected Homework: 4 to 5 hours per week

Other Requirements: Emphasis on lab work

High School Requirement Met: Life Science

A-G Requirement Met: D (Laboratory Science)

Advanced Placement Biology (Grades 10 - 12, Annual Course)

The major emphasis of this course is on developing the investigative laboratory approach to the study of living things, detailed study of living systems, the cell, organizational levels, adaptive and non-adaptive change, and interdependence of the organism with its environment. Meets life science requirement for high school.

Prerequisite: Approval by teacher.

Expected Homework: 5-8 hours per week

Other Requirements: Additional hours for AP exam preparation

High School Requirement Met: Life Science

A-G Requirement Met: D (Laboratory Science)

Physiology AB (Grades 11 - 12, Annual Course)

The major emphasis of this course is to involve the student in laboratory experiments, methods of scientific investigation, and critical thinking skills. It includes the study of the human body, cellular physiology, structure and function of the human body systems and proper nutrition and its relationship to health. Planned for students who have a special interest in nursing, medicine, and public health. **Prerequisite:** Biology AB, Algebra 1AB

Expected Homework: 5 hours per week

Other Requirements: None

High School Requirement Met: Life Science

A-G Requirement Met: D (Laboratory Science)

Physiology AB - Honors (Grades 11 - 12, Annual Course)

The major emphasis of this course is on the study of the complementary relationships of human body functions and structure, homeostatic regulating mechanism, and the interaction between a human and his environment. Major emphasis is also placed on medical terminology as well as clinical problems and practices. Laboratory investigations and field studies equivalent in quantity and quality to an honors one-year biological science course are made.

Prerequisites: Biology AB, Algebra 1AB; high performance in science; teacher approval.

Expected Homework: 5 hours per week

Other Requirements: None

High School Requirement Met: Life Science

A-G Requirement Met: D (Laboratory Science)

PHYSICAL SCIENCE COURSES

Chemistry AB (Grades 11 - 12, Annual Course)

The major emphasis of this course is to provide problem solving, laboratory investigation and independent measurement techniques. Introduces the mole concept in the study of compounds, gas laws, solutions, and ionization. Introduces atomic structure and orbital electron structure, the periodic law, acids, bases, salts, oxidation-reduction, organic chemistry, and reaction kinetics. Meets physical science for high school and is a conceptual based chemistry class focusing on California State Standards.

Prerequisite: Algebra 1AB, Biology AB (or equivalent)

Expected Homework: 5 hours per week

High School Requirement Met: Physical Science

A-G Requirement Met: D (Laboratory Science)

Honors Chemistry AB (Grades 10 - 12, Annual Course)

The major emphasis of this college prep course is to provide problem solving, laboratory investigation and independent measurement techniques. Introduces the mole concept in the study of compounds, gas laws, solutions, and ionization. Introduces atomic structure and orbital

electron structure, the periodic law, acids, bases, salts, oxidation-reduction, organic chemistry, and reaction kinetics. Meets physical science for high school.

Prerequisite: Geometry AB, Honors Biology AB (or equivalent)

Expected Homework: 5 hours per week

High School Requirement Met: Physical Science

A-G Requirement Met: D (Laboratory Science)

Advanced Placement Chemistry (Grades 11 - 12, Annual Course)

Advanced Placement chemistry is designed to be taken after the successful completion of a first course in high school chemistry. The college course in general chemistry differs qualitatively from the usual first high school course in chemistry with respect to the kind of textbook used, the emphasis on in-depth chemical abstractions and calculations, and advanced laboratory experiments done by the students. Quantitative differences appear in the number and the variety of experiments in the laboratory. The course provides an in depth study of kinetic theory of gases, structure of matter, chemical equilibrium, reaction kinetics, thermodynamics, oxidation-reduction, and organic chemistry. Meets physical science requirement for high school.

Prerequisites: Permit by Instructor. Algebra 1AB, Geometry AB, Biology AB, and Chemistry AB

Expected Homework: 5 to 8 hours per week

High School Requirement Met: Physical Science

A-G Requirement Met: D (Laboratory Science)

Physics AB (Grades 11 - 12, Annual Course)

Physics is the study of different forms of energy and the physical changes which they produce in matter. The course focuses on mathematical models and laboratory study of the principles of motion, forces, energy, momentum, wave motion involving sound and light, electricity, magnetism, and nuclear physics. Objects as small as subatomic particles, and as large as the universe, are studied. Physics provides credit towards the ECRCHS physical science graduation requirement.

Prerequisite: Algebra 1AB, Biology AB or equivalent

Expected Homework: 5 hours per week

Other Requirements: None

High School Requirement Met: Physical Science

A-G Requirement Met: D (Laboratory Science)

Advanced Placement Physics 1 (Grades 11 - 12, Annual Course)

This course is equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics), work, energy, and power, mechanical waves, electricity and circuits. Students will have time to gain a greater depth of conceptual understanding through inquiry-based labs. Students will learn important science

process skills such as explaining relationships, applying and justifying the use of mathematical models, designing experiments, analyzing data, and making connections across multiple topics within the course. The AP Program recommends that colleges grant one semester of credit for a score of 3 or higher on the AP Physics 1 exam. Students receive a weighted grade for successfully completing the course with a grade of C or better.

Prerequisite: A grade of “B” or better in Honors Biology; A grade of "C" or better in Honors Chemistry or Physics (P); and a grade of "C" or better in Math 4; and/or teacher recommendation.

Expected Homework: 5-8 hours per week

Other Requirements: Can be taken concurrently with math analysis or calculus

High School Requirement Met: Physical Science

A-G Requirement Met: D (Laboratory Science)

Advanced Placement Physics C (Grades 11 - 12, Annual Course)

AP Physics C: Mechanics and AP Physics C: Electricity and Magnetism form the first two semesters of college level physics for students majoring in the physical sciences or engineering. Topics include: Kinematics, Dynamics, Work, Energy, Power, Momentum, Circular Motion, Rotation, Oscillations, Gravitation, Electrostatics, Circuits, Dielectrics, Magnetic Fields and EM Induction. The sequence is parallel to or preceded by mathematics courses that include calculus. Methods of calculus are used wherever appropriate in formulating physical principles and in applying them to physical problems. This course is more intensive and analytic than AP Physics 1. Strong emphasis is placed on solving a variety of challenging problems, some requiring calculus.

Prerequisite: A grade of "B" or better in AP Physics 1 or AP Chemistry; and a grade of "B" or better in Honors Math Analysis and concurrent enrollment in AP Calculus; A grade of “B” or better in AP Calculus; and/or teacher recommendation.

Expected Homework: 5-8 hours per week

Other Requirements:

High School Requirement Met: Physical Science

A-G Requirement Met: D (Laboratory Science)

Advanced Placement Environmental Science AB (Grades 11 - 12, Annual Course)

This elective course focuses on ecological concepts in context of both local and global environmental issues. Issues raised in the course range from pollution, to resource limits, to population dynamics, and to possible solutions. The course integrates biology, geology, oceanography, atmospheric science, geography and sociology to increase environmental awareness. Field trips are planned in order to promote hands-on involvement.

Prerequisite: Teacher approval.

Expected Homework: 5 hours per week

Other Requirements: Additional hours for AP exam preparation

High School Requirement Met: Physical Science
A-G Requirement Met: D (Laboratory Science)

Integrated/Coordinated Science 1AB (ICS) (Grades 9 - 12, Annual Course)

This course provides students with an introduction to earth science, biology, chemistry and physics. The course is structured to emphasize laboratory, hands-on and small group activities to develop problem solving and a basic understanding of the concepts and principles of science.

Prerequisite: None

Expected Homework: 3-5 hours per week

Other Requirements: None

High School Requirement Met: Physical Science
A-G Requirement Met: D (Laboratory Science) ?

SOCIAL SCIENCE COURSES

WORLD HISTORY COURSES

World History & Geography: Modern World AB (Grades 10 - 12, Annual Course)

The focus of this course is on Western civilization from the Enlightenment to the present. A focus will be placed on the geography, philosophy, economics, culture, government, and history of different civilizations, and continuing social, political and economic trends. Students will be expected to make connections across time and nations to find enduring themes in our history. Students will learn about historical events, ideas, and forces that have shaped and are shaping our world.

Prerequisites: None

Expected Homework: 3-4 hours per week

Other Requirements: Projects, presentations, geography work, Note taking, Reading primary source and secondary source documents, participation in class discussion, Independent reviewing and studying; constant formative and summative assignments including written assessment.

High School Requirement Met: World History

A-G Requirement Met: A (History/Social Science)

Honors World History & Geography : Modern World AB (Grades 9 - 12, Annual Course)

Honors World History is a course designed to enhance a student's background in historical and contemporary events of the world. The breadth of the course is from the Enlightenment to the present. A focus will be placed on the geography, philosophy, economics, culture, government, and history of different civilizations, and continuing social, political and economic trends. Students will be expected to make connections across time and nations to find enduring themes in our history. Different types of tests, including essay, will be given throughout the year.

Prerequisites: Counselor and/or teacher approval

Expected Homework: 4-5 hours per week

Other Requirements: Projects, presentations, geography work, Note taking, Reading primary source and secondary source documents, participation in class discussion, Independent reviewing and studying; constant formative and summative assignments including written assessment.

High School Requirement Met: World History

A-G Requirement Met: A (History/Social Science)

Advanced Placement World History AB (Grades 10 - 12, Annual Course)

This is a full year college level equivalent course in world history from about 8000 C.E. to the present. The course and AP exam highlight six overarching themes. These themes include: the impact of societal interactions, change and continuity across world history periods, impact of

technology and demography, social and gender structures, cultural and intellectual developments, and functions and structures of the states. Course work goes beyond simple memorization of knowledge. Active student participation is a major component of the class. The class focuses on historical thinking skills including: constructing and evaluating arguments, using primary documents, comparing societies/ major historical movements, assessing cause and effect, assessing change & continuity over time, and handling diverse historical interpretations.

Prerequisites: Approval by teacher

Expected Homework: 6 to 8 hours per week

Other Requirements: Essays, short answers questions, grappling with primary documents, map work, & occasional oral presentations

High School Requirement Met: World History

A-G Requirement Met: A (History/Social Science)

Advanced Placement European History AB (Grades 10 - 12, Annual Course)

This is a college level equivalent course. It is an in-depth study of European history from 1450 to the 1980's, with 3 major themes: (1)Political and Diplomatic History, (2)Intellectual and Cultural History, (3) Social and Economic History. Essay tests, note taking and research papers will help students to understand the nature of history and its interpretations. College course credit or advanced placement for students who qualify on the CEEB AP EXAM in European History.

Prerequisite: Teacher approval

Expected Homework: 3 to 4 hours per week

Other Requirements: Essay writing, map work, oral presentation, current events, research projects

High School Requirement Met: World History

A-G Requirement Met: A (History/Social Science)

U.S. HISTORY COURSES

U.S. History 20th Century AB (Grades 11 - 12, Annual Course)

Students will learn about the people, politics, economics, geography, and events of United States History focusing on the events from the era of Reconstruction to the present day. The study includes related current events and a view of the U.S. in a global context. American institutions and values are compared and contrasted to those of other nations. Students will develop and improve their critical thinking, writing, speaking, reading, and note-taking skills in preparation for college courses.

Prerequisites: None

Expected Homework: 3 to 5 hours per week

Other Requirements: Map work, research projects, oral presentations, essay writing

High School Requirement Met: U.S. History

A-G Requirement Met: A (History/Social Science)

U.S. History 20th Century AB Honors (Grades 11 - 12, Annual Course)

Students will learn about the people, politics, economics, geography, and events of United States History focusing on the events from the era of Reconstruction to the present day. The study includes related current events and a view of the U.S. in a global context. American institutions and values are compared and contrasted to those of other nations. Students will develop and improve their critical thinking, writing, speaking, reading, and note-taking skills in preparation for college courses.

Prerequisites: None

Expected Homework: 3 to 5 hours per week

Other Requirements: Map work, research projects, oral presentations, essay writing

High School Requirement Met: U.S. History

A-G Requirement Met: A (History/Social Science)

Advanced Placement American History (Grades 11 - 12, Annual Course)

This is a college level equivalent course. It emphasizes a variety of themes and approaches to U.S. History. Essay examinations, note taking from both printed material and lectures, and research papers are required. Students will learn to evaluate historical evidence and make extensive use of historical materials.

Prerequisites: Approval by teacher

Expected Homework: 3 to 4 hours per week

Other Requirements: Essay writing, map work, oral presentations current events, research project. Preparation for the advanced placement exam.

High School Requirement Met: U.S. History

A-G Requirement Met: A (History/Social Science)

AMERICAN GOVERNMENT COURSES

Principles of American Democracy (Grade 12, Semester Course)

This course examines our complex system of government, including the political and economic principles that underlie it. Students will analyze the founding documents, the electoral process, the separation of powers among three branches as well as state and federal governments, fiscal policy and taxation as well as the complex interrelationships of the U.S. economic system, the legal rights and obligations of citizens, and the importance of being an informed, active, voting member of American society.

Prerequisites: None

Expected Homework: 3 to 4 hours per week

Other Requirements: Current events, simulations, oral presentations, note-taking

High School Requirement Met: Government

A-G Requirement Met: A (History/Social Science)

Advanced Placement American Government and Politics (Grade 12, Semester Course)

This course involves both the study of general concepts used to interpret American politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that make up the topics and some questions a student might choose to explore, such as: 1) Constitutional underpinnings of American government, 2) Political beliefs and behavior, 3) Political parties and interest groups, 4) Institutions and policy processes of the national government, and 5) Civil rights and civil liberties. Advanced Placement classes require extra time on the part of the teacher as well as the student. Therefore, a variety of themes and approaches to American Politics and Government will be used. Essay examinations, note taking from both printed material and lectures, research projects are required.

Prerequisites: Approval by teacher

Expected Homework: 3 to 4 hours per week

Other Requirements: Essay writing, oral presentations, current events, research projects, and preparation for the AP Exam.

High School Requirement Met: Government

A-G Requirement Met: A (History/Social Science)

ECONOMICS COURSES

Economics (Grade 12, Semester Course)

Emphasis of this course is on the basic principles of economics and on helping students to understand the demand-economic-system in which they live. This course will enable the student to gain a better understanding of how and why the U.S. economic system works and how individuals fit into the economy and influence it by their decisions.

Prerequisite: None

Expected Homework: 3 to 4 hours per week

Other Requirements: Current events, note taking, simulations, research projects

High School Requirement Met: Economics

A-G Requirement Met: A (History/Social Science)

Advanced Placement Economics (Grade 12, Semester Course)

The curriculum is college preparatory, and basic math concepts are essential for many of the lessons covered. The course provides the basic groundwork for further study in preparation for the economics advanced placement test. Units covered include: 1) Economics history and thought, 2) The theory of the firm, 3) Forces of supply and demand in the market system, 4) The role of the government, 5) International trade, 6) Labor economics, and 7) Consumer rights and responsibilities. The class does require more study time than other economics courses offered here at school and students must have the ability to take notes and to prepare papers and essay questions.

Prerequisites: Department recommendation

Expected Homework: 3 to 4 hours per week

Other Requirements: College level performance and a research paper (cooperative learning assignment)

High School Requirement Met: Economics

A-G Requirement Met: A (History/Social Science)

ADDITIONAL SOCIAL SCIENCE COURSES

Advanced Placement Human Geography AB (Grades 10 - 12, Annual Course)

The AP Human Geography course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and application.

Prerequisite: Teacher approval

Expected Homework: 3 to 4 hours per week

Other Requirements: Essay writing, map work, oral presentation and research projects

High School Requirement Met: Elective

A-G Requirement Met: A (History/Social Science)

Advanced Placement Psychology (Grades 11 - 12, Annual Course)

This course covers the biological bases of behavior, sensation and perception, states of consciousness, learning cognition, motivation and emotion, developmental psychology, personality, testing and individual differences, abnormal psychology, treatment of psychological disorders, and social psychology.

Prerequisites: Approval by teacher

Expected Homework: 3 - 4 hours per week

Other Requirements: Oral presentation, note taking, notebook, research project

High School Requirement Met: Elective

A-G Requirement Met: G (College Preparatory Elective)

Introduction to Anthropology (Grades 11 - 12, Semester Course)

Anthropology is the study of man. Anthropology asks the questions "Who are we? Where did we come from? How did we get where we are today? Why are we different from each other? How can we better understand people who are different from us? Anthropologists seek to understand human beings and the human experience in all their complexity, combining the best of different disciplines, of the sciences and humanities. Anthropology is a thriving, complex discipline that studies almost everything in human culture and history. It provides a different point of view in understanding the human experience. The objective of this is to gain a more complex understanding of the variety of human cultures on this planet, emphasizing their

diversity and richness, as well as the common threads that tie all human societies together. Additionally, this course aims to better understand Anthropology as an academic discipline that demonstrates how anthropologists are actively engaged -- they apply what they know, and work in real-world settings such as marketing firms, advertising, conducting research for universities/museums, and so much more. Finally, anthropology explores the general principles of social and cultural life and the characteristics of specific societies and cultures, encouraging students to establish an understanding of contemporary issues as war and conflict, the environment, poverty, problems of injustice, and human rights. This course also addresses the fundamental elements of physical or biological anthropology.

Prerequisites: None

Expected Homework: 3 - 4 hours per week

Other Requirements: Oral presentation, note taking, notebook, and research project

High School Requirement Met: Elective

A-G Requirement Met: G (College Preparatory Elective)

Introduction to Psychology (Grades 11 - 12, Semester Course)

The goal of this semester-long introductory-level college preparatory survey class is for students to gain an academic understanding of psychology. Psychology, as a study, examines behavior and mental functions. Students will learn about what psychology is, and the many different perspectives and research methods used to approach the field, the anatomy of the brain and how the brain develops, and various aspects from learning process, memory, language & intelligence, sensation & perception, human development, personality, gender and sexuality, psychological disorders and treatments, as well as many of the famous experiments that have led us to our current understanding of the mind and behavior.

Prerequisites: None

Expected Homework: 3 - 4 hours per week

Other Requirements: Oral presentation, note-taking, writing, critical thinking, research projects, class discussion/ participation, continuing formative assessments

High School Requirement Met: Elective

A-G Requirement Met: G (College Preparatory Elective)

VISUAL PERFORMING ARTS COURSES

FINE ARTS COURSES

Advanced Placement Studio Art: Drawing/Painting 2-D/3-D (Grades 11 - 12, Annual Course)

Students interested in the serious study of Drawing, Painting, Digital, 2-Dimensional and 3-Dimensional Design. Students examine in depth history, technique, processes and content of art and design. College credit can be earned through successfully engaging in the portfolio process.

Prerequisites: Teacher Approval by Portfolio Review

Expected Homework: Extensive work on projects

Other Requirements: Daily progress through class and teacher critiques

High School Requirement Met: Visual Performing Arts

A-G Requirement Met: F (Visual Performing Arts)

Advertising Design 1AB (Grades 10 - 12, Annual Course)

Students develop criteria and apply the principles of design to the field of advertising. They communicate ideas and information visually using traditional media as well as computer technology

Prerequisite: Design Craft or Drawing

Expected Homework: None

Other Requirements: None

High School Requirement Met: Visual Performing Arts

A-G Requirement Met: F (Visual Performing Arts)

Calligraphy AB (Grades 9 - 12, Annual Course)

Topics for this course include history of letter forms and alphabets; contemporary letter forms, and calligraphic alphabets; Chinese and Japanese Sumie and Calligraphic painting; and visual, concrete and Haiku poetry. Students will learn how to select and execute lettering styles that communicate an idea visually.

Prerequisite: None

Expected Homework: Vocabulary definitions

Other Requirements: Weekly notebook

High School Requirement Met: Visual Performing Arts

A-G Requirement Met: F (Visual Performing Arts)

Cartooning and Animation AB (Grades 10 - 12, Annual Course)

This course explores the history and techniques of illustration, cartooning and animation in conjunction with learning about aesthetic properties. Projects include freehand drawing and rendering, layout, and the use of basic drawing tools and multimedia for the reproduction of images.

Prerequisites: Drawing or Design Craft

Expected Homework: Maintain a sketchbook

Other Requirements: None

High School Requirement Met: Visual Performing Arts

A-G Requirement Met: F (Visual Performing Arts)

Design Crafts AB (Grades 9 - 12, Annual Course)

This course teaches students to analyze the visual environment and use diverse forms and media to create two-dimensional designs, three-dimensional structural forms using traditional and nontraditional constructive techniques.

Prerequisite: None

Expected Homework: Research on visual communication techniques, i.e. advertisements product design.

Other Requirements: None

High School Requirement Met: Visual Performing Arts

A-G Requirement Met: F (Visual Performing Arts)

Drawing AB (Grades 9 - 12, Annual Course)

This course prepares students for advanced classes in art. Topics include history of drawing, art elements, contemporary drawing, and techniques such as contour drawing, gesture drawing, and portraiture.

Prerequisite: None

Expected Homework: Weekly sketchbook

Other Requirements: Ability to demonstrate perspective, proportions, value scales, critiquing, use of ink, charcoal, pencils.

High School Requirement Met: Visual Performing Arts

A-G Requirement Met: F (Visual Performing Arts)

Painting 1AB (Grades 10 - 12, Annual Course)

This course will expand the student's knowledge of the visual arts through painting. Topics include painting and historical overview, color theory, media and techniques, composition, major painting styles, and the expression of ideas, emotions, and moods through painting.

Prerequisite: Design Craft or Drawing

Expected Homework: None

Other Requirements: None

High School Requirement Met: Visual Performing Arts

A-G Requirement Met: F (Visual Performing Arts)

Painting 2AB (Grades 10 - 12, Annual Course)

This course will build on Painting 1AB and continue to expand the student's knowledge of the visual arts through painting. Topics include painting and historical overview, color theory, media and techniques, composition, major painting styles, and the expression of ideas, emotions, and moods through painting.

Prerequisite: Painting 1AB

Expected Homework: None

Other Requirements: None

High School Requirement Met: Visual Performing Arts

A-G Requirement Met: F (Visual Performing Arts)

FILM ARTS COURSES

Digital Imaging (Grades 10 - 12, Annual Course)

Digital Media and Broadcast class will provide students with knowledge in all areas necessary to successfully run a broadcast show. Students will develop abilities in communication, media production, reality programming, and documentary filmmaking. Industry terms and ethics in news reporting will be emphasized. Students will prepare for a career path in broadcast as they write, edit, and produce segments of *El Camino Reality*, a news magazine format, web series show, aired bi-monthly. All class participants will learn on-camera techniques as they host and anchor a segment of the show. Students learn the specific requirements for documentary filmmaking and as a class, produce at least one documentary film per semester.

Prerequisites: Filmmaking 1AB

Expected Homework: 3 hours per week

Other Requirements: Frequent filming after school and on weekends

High School Requirement Met: Visual Performing Arts or one semester of Applied Technology

A-G Requirement Met: F (Visual Performing Arts)

Filmmaking 1AB (Grades 9 - 12, Annual Course)

The course is divided into 1 semester of Film History and 1 semester of Beginning Film Production. Beginning Film Production is an introduction to all aspects of filmmaking. Students learn the purpose, usage, and care of all filmmaking equipment. Beginning lighting, shot composition, directing, camera movement and editing are introduced and implemented. Individual 3 minute films demonstrate mastery of beginning film techniques. Students learn the fundamentals of creating intriguing characters, formulating engaging plots, and writing involving screenplays, utilizing script formatting computer programs. Students learn the three-act story structure of screenplays, which is followed in all the student films. Script revision techniques are implemented in students' screenplays, which they cast, choose locations for, shoot, edit, and

arrange music for. Students adhere to the requirements of professional filmmaking, with students choosing crews for multiple jobs, including director, cinematographer, producer, assistant director, production designer, sound engineer, editor, and music arranger. During the filming process, students experience the benefits and demands of collaboration on every level and the necessity for excellent organization and communication. Assessments include tests, screenplays, and completed films.

Prerequisites: None for 9th grade students, teacher approval for 10-12

Expected Homework: 3 hours per week

Other Requirements: Some after school and weekend filming

High School Requirement Met: Visual Performing Arts

A-G Requirement Met: F (Visual Performing Arts)

Filmmaking 2AB (Grades 10 - 12, Annual Course)

Intermediate Filmmaking. Filmmaking 2AB builds on all the filmic concepts introduced in Filmmaking 1. Story receives major emphasis in this class, as great scripts are analyzed as to what makes the screenplays so successful. Styles of famous directors, cinematographers, and editors are studied so that students understand what specific techniques are used to create certain effects. Students serve as crew on senior 7- 15 minute films, learning more advanced aspects of lighting, shot composition, lens usage, filters, sound mixing, editing, scoring, production design, producing, location scouting, costume, makeup, and scheduling. Special effects computer programs, and Foley are introduced. Group collaboration and effective communication skills are emphasized. Juniors who show exceptional aptitude are occasionally permitted to direct or shoot.

Prerequisites: Filmmaking 1AB and Digital Imaging

Expected Homework: 3 hours per week

Other Requirements: Frequent filming after school and on weekends

High School Requirement Met: Visual Performing Arts or one semester of Applied Technology

A-G Requirement Met: F (Visual Performing Arts)

Film Production AB (Grade 12, Annual Course)

Advanced Filmmaking. All aspects of Filmmaking 1 & 2 are studied in greater depth. Students write, direct, shoot, edit, score and produce films for college portfolios, film festivals, and ECR's annual CEA showcase. All genres are addressed and professional protocols are expected in every facet of production. Films are submitted to national and international film festivals, and if chosen for a festival, students attend to participate in the screenings and awards. Students participate in internships throughout the entertainment industry and professional filmmakers serve as guest speakers and lead hands on workshops. Students serve as mentors to Filmmaking 2 students.

Prerequisites: Filmmaking 1AB, Digital Imaging, Filmmaking 2AB

Expected Homework: 3 hours per week

Other Requirements: Frequent filming after school and on weekends

High School Requirement Met: Visual Performing Arts

A-G Requirement Met: F (Visual Performing Arts)

HISTORY OF ARTS COURSES

Advanced Placement Art History AB (Grades 10 - 12, Annual Course)

AP Art History requires the high school student who has demonstrated college level ability to cover a full year college course from early cave paintings through the 21th Century, and readies the student for the AP examination in the spring.

Prerequisites: Teacher approval

Expected Homework: Online review, reading, discussion topics, practice quizzes, museum visits, slide study of art history examples

Other Requirements: Daily discussion/notes, activities, connections to world events

High School Requirement Met: Visual Performing Arts

A-G Requirement Met: F (Visual Performing Arts)

Advanced Placement Music Theory (Grades 11 - 12, Annual Course)

This is a college course and is intended for students who have a thorough knowledge of college music theory. Students may receive advanced placement or college course credit course if they qualify on the AP exam.

Prerequisites: Algebra 2AB, Math Analysis AB and department approval

Expected Homework: Daily

Other Requirements: Pass tests

High School Requirement Met: Visual Performing Arts

A-G Requirement Met: F (Visual Performing Arts)

Music History/Literature (Grades 9 - 12, Annual Course)

The major emphasis of this course is to introduce and develop the student's ability to make discriminating judgments regarding music through listening and related activities. The course provides opportunities for growth in understanding the following musical elements: rhythm, melody, form or design, tempo, dynamics, and harmony. This course develops the skill of listening. This course encourages interest in music from other cultures, and presents a variety of music from the Renaissance, Baroque, Classical, Romantic, and 20th Century.

Prerequisite: None

Expected Homework: Daily

Other Requirements: None

High School Requirement Met: Visual Performing Arts

A-G Requirement Met: F (Visual Performing Arts)

MUSICAL ARTS COURSES

Advanced Band AB (Grades 9 - 12, Annual Course)

This concert band is for the highly skilled and committed band student. It will strive for a high degree of musical excellence and represent the school in many performances including school concerts, civic functions and band festivals (to include one overnight trip.) May be repeated for credit.

Prerequisite: Department permission

Expected Homework: 30 minutes daily practice, written evaluations of music and performances

Other Requirements: Attendance and appropriate dress for all concerts, festivals and other performances

High School Requirement Met: Visual Performing Arts

A-G Requirement Met: F (Visual Performing Arts)

Advanced Orchestra AB (Grades 9 - 12, Annual Course)

The Advanced Orchestra, currently our only orchestra, is, of necessity, for experienced string players. We will strive to appropriately challenge all students both musically and technically through the performance experience. Winds and percussion will be added on a special event basis with after school rehearsals when possible. May be repeated for credit.

Prerequisite: Previous orchestral string instrument experience

Expected Homework: 30 minutes daily practice, written evaluations of music and performances

Other Requirements: Attendance and appropriate dress for all concerts, festivals and other performances

High School Requirement Met: Visual Performing Arts

A-G Requirement Met: F (Visual Performing Arts)

Choir AB (Grades 9 - 12, Annual Course)

Choir is primarily for 9-12 grade students who have completed an audition with the instructor. Choir will further the singer's ability to sing, stressing pitch, accuracy, advanced harmonization, and ensemble singing. The Choir performs many types and styles of music from many musical periods. Before each concert, there are extra rehearsals; the Choir performs in at least 3 concerts a year. Students should be able to read basic musical notations. Students must be eligible to enroll.

Prerequisites: Audition with the instructor and approval

Expected Homework: Daily practice

Other Requirements: Attendance at all concerts and rehearsals and attendance at off-campus performances.

High School Requirement Met: Visual Performing Arts

A-G Requirement Met: F (Visual Performing Arts)

Chorus AB (Grades 9 - 12, Annual Course)

Chorus is mixed gender and for students in any grade level. There is no previous experience needed.

Prerequisites: None

Expected Homework: Daily practice

Other Requirements: Attendance at all concerts and rehearsals and attendance at off-campus performances.

High School Requirement Met: Visual Performing Arts

A-G Requirement Met: F (Visual Performing Arts)

Concert Band AB (Grades 9 - 12, Annual Course)

Concert Band is the intermediate group between beginning instruments and Advanced Band. Musical skills developed include ear training, sight reading, and instrument technique and proficiency. May be repeated for credit.

Prerequisite: Department permission

Expected Homework: Daily practice

Other requirements: Attendance at all concerts

High School Requirement Met: Visual Performing Arts

A-G Requirement Met: F (Visual Performing Arts)

Jazz Ensemble AB (Grades 9 - 12, Annual Course)

This Jazz Ensemble will be a standard “big band” instrumentation with a few doublings where appropriate. Emphasis is on the stylistic performance of a variety of jazz styles and improvisation as the foundation of jazz performance. Study and practice of scales, models and chordal relationships is an integral part of this performance. Rhythm section players (Guitar, keyboards, bass, drum set) who want to learn musical literacy skills in an improvisatory environment are encouraged to apply, even if they do not have previous school band experience. May be repeated for credit.

Prerequisite: Audition with the instructor and department approval

Expected Homework: Daily practice, written evaluations of music and performances

Other Requirements: Attendance and appropriate dress for all concerts, festivals and other performances

High School Requirement Met: Visual Performing Arts

A-G Requirement Met: F (Visual Performing Arts)

Marching Dynamics 9 – 12 (Period 7, PE credit, Fall semester only)

This Marching Band will meet from 3:30-5:30 Mondays and Wednesdays and 3:30-6:00 Thursdays. We will participate in four required Saturday field show competitions and provide halftime entertainment for all ECR Friday night football games. Membership requires a strong commitment to excellence, good physical conditioning, and a high degree of self-discipline. The goals are enhanced musicianship, physical conditioning, and marching excellence. Academic

eligibility must be maintained to perform in the Marching band. May be repeated for credit (PE).

Prerequisite: Previous band instrument experience

Expected Homework: Daily practice, written evaluations of music and performances

Other Requirements: Attendance at all performances, payment of fees, summer camp

High School Requirement Met: Physical Education

A-G Requirement Met: NA

Vocal Ensemble AB (Camerata) (Grades 10 - 12, Annual Course)

The major emphasis of this course is on developing musicianship through the study of vocal ensemble music. Students develop the ability to sing with considerable skill, accuracy and sensitivity. Skills are increased in breathing techniques, control of tone quality, and in sight singing. Individuality on the part of each member of the small ensemble is encouraged.

Aesthetic appreciation and discriminating judgment are developed. Opportunities to perform in the community. Students must be eligible to enroll.

Prerequisites: Department approval, one year of choir and audition with the ensemble and instructor.

Expected Homework: Daily practice

Other Requirements: Attendance at all concerts, rehearsals and performances.

High School Requirement Met: Visual Performing Arts

A-G Requirement Met: F (Visual Performing Arts)

THEATRE ARTS COURSES

Theater Festival 9AB (Grade 9, Annual Course)

This course is for students with prior dramatic experience who desire to sharpen their fundamental theater skills. Acting projects in pantomime, improvisation, and scenes from plays are performed for class evaluation. Selected students have the opportunity to participate in drama festivals.

Prerequisites: Teacher approval

Expected Homework: Daily as needed

High School Requirement Met: Visual Performing Arts

A-G Requirement Met: F (Visual Performing Arts)

Theater Improvisation AB (Grades 9 - 12, Annual Course)

This course offers training in fundamental skills of theatre. Students study improv games, develop characters, and write sketch comedy and stand up comedy. The course culminates in a showcase for public performance.

Prerequisites: None

Expected Homework: Daily as needed

High School Requirement Met: Visual Performing Arts
A-G Requirement Met: F (Visual Performing Arts)

Theater: Introduction AB (Grades 9 - 12, Annual Course)

This course offers training in fundamental skills of theater arts. Students study pantomime, improvisation, voice and diction, interpretive techniques, creation of character, and projection of ideas and emotion. Second semester students participate in the production of a one-act play.

Prerequisites: None

Expected Homework: Daily as needed

High School Requirement Met: Visual Performing Arts

A-G Requirement Met: F (Visual Performing Arts)

Theatre Production AB (Grades 10 - 12, Annual Course)

Students produce 2 full-length plays for public performance. This course includes directions, set design, costume design, lighting, and other stage craft work. This class also competes in two festival competitions. Class work must include research, reading, and writing in addition to the performance.

Prerequisites: Teacher approval

Expected Homework: As needed to meet deadlines

Other Requirements: Extra curricular rehearsals

High School Requirement Met: Visual Performing Arts

A-G Requirement Met: F (Visual Performing Arts)

WORLD LANGUAGE COURSES

AMERICAN SIGN LANGUAGE COURSES

American Sign Language 1AB (Grades 9 - 12, Annual Course)

This course is an introduction to the American Sign Language (ASL) and culture. The student develops the ability to communicate with hands and will develop the ability to read signs with the eyes. There is a broad vocabulary in the first year. The student will also learn how to fingerspell and how to read fingerspelling. There will be video test weekly to master the vocabulary. There will be projects where the student will have to perform the language skills. There are written exams as well as video exams for both culture and language skills. Students will have homework from both the book and form the class lectures.

Prerequisites: None

Expected Homework: Daily

High School Requirement Met: Elective

A-G Requirement Met: E (Languages other than English) *in the approval process

American Sign Language 2AB (Grades 9 - 12, Annual Course)

This course is a step up from American Sign Language (ASL) 1. It will go more in depth with the culture and language structure. The student develops a more proficient way to communicate with hands. There is more vocabulary. The student will also learn how to properly use classifiers. There will be video test weekly to master the vocabulary and classifiers. There will be projects where the student will have to perform the language skills. There are written exams as well as video exams for both culture and language skills. Students will have homework from both the book and form the class lectures.

Prerequisites: ASL 1AB

Expected Homework: Daily

High School Requirement Met: Elective

A-G Requirement Met: E (Languages other than English) *in the approval process

FRENCH COURSES

French 1 AB (Grades 9 - 12, Annual Course)

This course is designed for the beginner, and is an introduction to the language and culture. The course develops a basic proficiency in communicating in French, by speaking, writing, listening and reading. Students learn these skills in the context of cultural practices in countries and regions where French is spoken. In addition, the course focuses on engaging students in communication using real world situations, decoding and comprehending authentic texts, and producing and creating sentences and paragraphs within the content and themes being studied.

Prerequisites: None

Expected Homework: Daily

High School Requirement Met: Elective

A-G Requirement Met: E (Languages other than English)

French 2 AB (Grades 9 - 12, Annual Course)

This course is designed to supplement and reinforce the first level. This a rigorous course that allows students to continue developing proficiency in communicating in the French language, while learning about cultural practices in countries and regions where French is spoken. The course will focus on engaging students in communication using real world situations, decoding and comprehending authentic texts, and producing and creating sentences and paragraphs within the content and themes being studied.

Prerequisites: French 1AB or instructor approval upon completion of placement test

Expected Homework: Daily

High School Requirement Met: Elective

A-G Requirement Met: E (Languages other than English)

French 3 AB (Grades 9 - 12, Annual Course)

French 3 is designed to supplement and reinforce the first two levels. This a rigorous course that allows students to increase their proficiency in communication in French, while learning about cultural practices in countries and regions where French is spoken. The course will focus on engaging students in communication using real world situations, comprehending authentic and literary texts stressing factual comprehension, and producing expository and persuasive paragraphs within the content and themes being studied.

Prerequisites: French 2AB or instructor approval upon completion of placement test

Expected Homework: Daily

High School Requirement Met: Elective

A-G Requirement Met: E (Languages other than English)

French 4AB (Grades 9 - 12, Annual Course)

The purpose of the course is to continue to develop increased proficiency in communicating in French according to cultural practices in the French-speaking world. Students engage in communication using real world exchanges in interpersonal, interpretive and presentational modes. The course is designed to prepare students for the Advanced Placement French Language and Culture examination.

Prerequisites: French 3AB or instructor approval upon completion of placement test

Expected Homework: Daily

High School Requirement Met: Elective

A-G Requirement Met: E (Languages other than English)

Advanced Placement French Language and Culture (Grades 9 - 12, Annual Course)

The AP French Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. To best facilitate the study of language and culture, the course is taught

almost exclusively in French. The AP French Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). This course prepares students to take the Advanced Placement exam for college credit.

Prerequisites: French 3AB or instructor approval upon completion of placement test

Expected Homework: Daily

High School Requirement Met: Elective

A-G Requirement Met: E (Languages other than English)

SPANISH COURSES

Spanish 1 AB (Grades 9 - 12, Annual Course)

This course is an introduction to Spanish language and culture. The purpose is to develop a basic proficiency in communicating in the Spanish language, while learning about cultural practices in countries and regions where Spanish is spoken : Spain, Mexico, Central and South America, the United States, and the Antilles. The course will also focus on engaging students in real world situations where decoding, comprehending authentic texts, producing and creating sentences and paragraphs within the content and themes comprise a daily routine.

Prerequisites: None

Expected Homework: Daily

High School Requirement Met: Elective

A-G Requirement Met: E (Languages other than English)

Spanish 2 AB (Grades 9 - 12, Annual Course)

This course is designed to supplement and reinforce the first level. This is a rigorous course that will reinforce the skills learned in Spanish 1 and allows students to continue developing proficiency in communicating in the Spanish language, while learning about cultural practices in countries and regions where Spanish is spoken: Spain, Mexico, Central and South America, the United States, and the Antilles. The course will focus on engaging students in communication using real world situations, decoding and comprehending authentic texts, and producing and creating sentences and paragraphs within the content and themes being studied.

Prerequisites: Spanish 1AB or instructor approval upon completion of placement test

Expected Homework: Daily

High School Requirement Met: Elective

A-G Requirement Met: E (Languages other than English)

Spanish 3 AB (Grades 9 - 12, Annual Course)

This course is designed to supplement and reinforce the first two levels. This a rigorous course that allows students to increase proficiency in communicating in the Spanish language, while learning about cultural practices in countries and regions where Spanish is spoken: Spain, Mexico, Central and South America, the United States, and others. The course will focus on engaging students in communication using real world situations, comprehending authentic and literary texts stressing factual comprehension, and producing expository and persuasive paragraphs within the content and themes being studied.

Prerequisites: Spanish 2AB or instructor approval upon completion of placement test

Expected Homework: Daily

High School Requirement Met: Elective

A-G Requirement Met: E (Languages other than English)

Spanish Speakers I (Grades 9 - 12, Annual Course)

This course is designed to develop the Spanish communicative competence in reading, writing, speaking and listening of Spanish native speakers. This is done so through thematic themes that explore the literature, culture, history and current events of countries where Spanish is spoken. It is not necessary that students write at the Intermediate level prior to entering the course but must be able to have an intermediate-mid level of proficiency in speaking and listening comprehension according to [ACTFL Proficiency Guidelines](#).

Prerequisites: Intermediate-Mid level of proficiency in speaking and listening comprehension

Expected Homework: Daily

High School Requirement Met: Elective

A-G Requirement Met: E (Languages other than English)

Spanish Speakers II (Grades 9 - 12, Annual Course)

This course is a continuation of Spanish Speakers I where students continue to develop the Spanish communicative competence in reading, writing, speaking and listening of Spanish native speakers. This is done so through thematic themes that explore the literature, culture, history and current events of countries where Spanish is spoken.

Prerequisites: Spanish Speaker II or Intermediate-Mid level proficiency in listening, speaking, reading and writing

Expected Homework: Daily

High School Requirement Met: Elective

A-G Requirement Met: E (Languages other than English)

Advanced Placement Spanish Language and Culture (Grades 9 - 12, Annual Course)

The AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies,

and cultural awareness. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. The AP Spanish Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). This course prepares students to take the Advanced Placement examination in this subject for college credit.

Prerequisites: Spanish 3AB, Spanish Speakers II or instructor approval upon completion of placement test

Expected Homework: Daily

High School Requirement Met: Elective

A-G Requirement Met: E (Languages other than English)

Advanced Placement Spanish Literature and Culture (Grades 9 - 12, Annual Course)

The AP Spanish Literature and Culture class is the highest level of Spanish offered in this school. It is a rigorous course that introduces students to representative texts (short stories, novels, poetry, and essays) from Peninsular Spanish, Latin American, and United States Hispanic literature. Students develop proficiencies across the full range of communication modes (interpersonal, presentational, and interpretive), thereby honing their critical reading and analytical writing skills. Literature is examined within the context of its time and place, as students reflect on the many voices and cultures present in the required readings. The course also includes a strong focus on cultural connections and comparisons, including exploration of various media (e.g., art, film, articles, literary criticism). This course prepares students to take the Advanced Placement examination for college credit.

Prerequisites: Advanced Placement Spanish Language and Culture or instructor approval

Expected Homework: Daily

High School Requirement Met: Elective

A-G Requirement Met: E (Languages other than English)