



2019-2020

**Course
Catalog**



**Birmingham
Community Charter
High School**

BCCHS COURSE LIST, PROGRAMS & CLUBS

A - Social Science

World History AB, Honors
AP European History AB ♦
US History AB
Honors US History ♦
Principles of Am Dem/ Economics
H Principles of Am Dem ♦
AP Government/Honors Econ ♦

B - English

ELD 9AB, 10AB, 11AB
Literacy & Language AB, ELD 12AB
English 9AB, Honors, Accelerated
English 10AB, Honors, Accelerated
Communications & Writing
American Lit. & Contemporary Comp
Honors Amer Lit & Contemp Comp ♦
AP English (Language and Composition) ♦
AP English (Literature and Composition) ♦
ERWC AB

C - Mathematics

Algebra 1AB, Honors, Accelerated
Geometry AB, Honors, Accelerated
Algebra 2AB, Honors, Accelerated
Honors Trig/Math Analysis AB ♦
Honors Precalculus AB (Accelerated) ♦
Stat & Probability AB
AP Calculus AB ♦
AP Calculus BC ♦
AP Statistics AB ♦
Intro Data Science AB
Discrete Math AB
Advanced Algebra Concepts AB

D - Science

Biology AB, Honors
Physiology AB
AP Biology AB ♦
Chemistry AB
Honors Chemistry AB ♦
AP Chemistry AB ♦
Physics AB
Honors Physics AB ♦
AP Physics 1AB ♦
Environmental Science AB
AP Environmental Science ♦

E - Language Other Than English (LOTE)

Spanish 1AB
Spanish 2AB
Honors Spanish 3AB ♦
Spanish Speakers 1AB
Spanish Speakers 2AB
AP Spanish Language ♦
AP Spanish Literature ♦
French 1AB
French 2AB
Honors French 3AB ♦
AP French Language AB ♦

F - Visual/Performing Arts

AP Studio Art AB ◊
AP Studio Art 2D AB ◊
AP Art History AB ◊
American Images AB
Animation 1AB
Animation 2AB

F - Visual/Performing Arts (cont)

Ceramics 1AB
Ceramics 2AB
Design AB
Design Crafts AB
Digital Media AB
Digital Photo AB
Drawing AB
Painting 1AB
Photo 1AB
Photo 2AB
AP Music Theory AB ◊
Advanced Band AB
Choir AB
Chorus AB
Glee AB
Guitar 1AB
Instruments AB
Jazz Ensemble AB
Musical Theater AB
Music, History, Lit Analysis AB
Vocal Ensemble (Chamber Singers)

Beginning Dance AB
Advanced Theater AB
Inter Theatre Stage AB
Intro Theatre Stage AB
Filmmaking 1AB
Theater Intro AB
Theater Improvisation AB
Theater Production AB

G - College Prep Electives

~ *Social Science*
AP Psychology AB ♦
Child Development AB
Economics
Human Psyc & Soc AB
Intro Psychology
Intro Sociology
~ *Science*
Forensic Science AB
Physical Geology AB
~ *English*
Creative Writing AB
Journalism 1AB
~ *Interdisciplinary*
Yearbook AB
AP Computer Science A AB ♦
AP Computer Sci Principles AB ♦
AP Seminar AB ♦
AP Research AB ♦

Career Technical Education Courses

Adv Culinary Arts AB
Applied Engineering AB
Catering AB
Computer Science AB
Digital Graphic Design AB
Elementary Engineering AB
Filmmaking 2AB
Hollywood Films & Musicals AB
Horticulture 1AB
Intro Business AB
Intro Culinary Arts AB
Intro Engineering AB
Nursing AB
Pre-Med Science 1AB
Pre-Med Science 2AB

Other Electives

Academic Decathlon AB
Advanced PE 1AB
Advanced PE 2AB
Algebra Support AB
Algebra Topics AB
Algebra 2 Support AB
ASB AB
Computer Literacy
Extended Learning AB
Health
Humanities AB
Leadership AB
Writers Workshop AB

SPORTS Program

Largest Sports Program in the LA Area

Baseball, V, JV
Basketball Boys/Girls V, JV
Cheer V, JV
Cross-Country V, JV
Football, V, JV
Golf
Lacrosse Boys/Girls V, JV
Soccer Boys/Girls V, JV
Softball, V, JV
Swimming V, JV
Tennis V, JV
Track & Field V, JV
Volleyball Boys/Girls V, JV
Water polo Boys/Girls V, JV
Wrestling Boys/Girls V, JV

Extra-Curricular Programs

Academic Decathlon
Advanced Placement Capstone
Animation Club
Associated Student Body
Band & Color Guard
BCCHS Gamers
Culinary Arts
Dance Production
Glee/Choir/Chamber Singers
Honor Society
Knights & Ladies
L.U.C.E.S
Lit Jesus
Fitness & Nutrition Club
Play Production
Patriots Dance
Photography Club
P.R.I.D.E Club
SAS Program
Student Council – Grade Level
Work Experience
Yearbook

BCCHS ACCELERATED STUDIES PROGRAM

Intersegmental General Education Transfer Curriculum (IGETC) – Community College and/or AP Courses

Area 1	Area 2	Area 3	Area 4	Area 5	Area 6
English Communication UC: 2 crs CSU: 3 crs UC:1A, 1B CSU:1A, 1B, 1C	Mathematics UC/CSU (1 course)	Arts & Humanities UC/CSU: 3A, 3B (3 courses)	Soc & Behavioral Sciences UC/CSU: (3 courses)	Physical & Biological Sciences UC/CSU: 5A, 5B, or 5C 2 courses + 1 lab	LOTE (UC only) Proficiency
1A ENGLISH 101^ 10 1B ENGLISH 103 10 1B PHIL 9 11S 1C COMM 101 09S	2** MATH 227 12	3A CINEMA 107 09S 3A ART 101 10S 3B ENGLISH 205 11 3B ENGLISH 102 11S	4 SOC 1 10S 4 HIST 2 11 4 ANTHRO 102 11 4 POL SCI 1 11 4 HIST 12 12	5A CHEM 68 12 5B BIO 3 12	6 Met with HS courses
AP English Language (1A)^	AP Calculus AB (2)	AP Art History (3A) AP English Literature (3B) AP European History (3B)	AP Government (4) AP US History (4) AP Psychology (4)	AP Chem or AP Phys (5A) AP Bio or AP Env Sci (5B,5C)	AP Spanish Language (6)

COURSE DESCRIPTION DEFINITIONS

An additional point is added to student's academic GPA for approved semester courses passed with a "C" or better. The symbols below indicate which educational institutions will honor the additional point value policy

- ◆ UC, CSU, NCAA
- ◇ UC, CSU

Course Title (Long Title)
This title will appear on the school's UC/CSU course list

Indicates if the course is CTE approved

UC "a-g" designation

Indicates if the course is "a-g" approved

AP STUDIO ART

AP STU ART AB

F: Visual Art – ◇

Grades: 10-12

A-G: Yes CTE: No

NCAA: No

Articulation: No

College level course for serious students who wish to major in art in college. Students develop a body of work throughout the year based on 3 factors: 1) a sense of quality and skill in a student's work 2) concentration on a particular interest or problem to solve 3) breadth of experience in the formal, technical and expressive capacity of the artist. A comprehensive Portfolio will be submitted at the end of the class. For potential college credit.

Brief course description. Some courses will include a hyperlink to a full course outline

Indicates if the course is NCAA approved

Denotes grade level. An asterisk (*) indicates that a student in a lower grade may enroll in the class by teacher recommendation and meeting all pre-requisites. Students should contact their counselor for more information

Transcript Abbreviation
This title will appear on student's transcripts

Courses that have been articulated with community colleges will include the following:
Name of community college (e.g LAVC)
College Course Name and Number (e.g ART 201)
If UC:CSU Transferable
IGETC Area Met (e.g A1)
To earn college credit, students must pass both semesters of an articulated course with a "B" or higher

ENGLISH (B)

ADVANCED PLACEMENT ENGLISH LANGUAGE

AP ENG LANG AB B: English ♦
Grades: 11* A-G: Yes CTE: No NCAA: Yes

Articulation: No

The [“AP English Language and Composition course focuses on rhetorical analysis of nonfiction texts and the development and revision of well-reasoned, evidence-centered analytic and argumentative writing...\[This course\] requires students to become skilled readers of prose written in a variety of rhetorical contexts and skilled writers who compose for a variety of purposes. Both their reading and their writing should make students aware of interactions among a writer’s purposes, reader expectations, and an author’s propositional content, as well as the genre conventions and the resources of language that contribute to effectiveness in writing.”](#) Click on the hyperlink to read the complete course outline. This course meets the eleventh or twelfth grade English requirement for graduation and fulfills a complete year B requirement of the UC/CSU Subject Area Requirements. Students who pass the AP exam may receive course credit by colleges and/or universities.

ADVANCED PLACEMENT ENGLISH LITERATURE

AP ENG LIT AB B: English ♦
Grades: 12* A-G: Yes CTE: No NCAA: Yes

Articulation: No

The [“AP English Literature and Composition course engages students in careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure of their readers. As they read, students consider a work’s structure, style and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism and tone.”](#) Click on the hyperlink to read the complete course outline. This course meets the eleventh or twelfth grade English requirement for graduation and fulfills a complete year B requirement of the UC/CSU Subject Area Requirements. Students who pass the AP exam may receive course credit by colleges and/or universities.

AMERICAN LITERATURE

AMER LIT B: English
Grades: 11 A-G: Yes CTE: No NCAA: Yes

Articulation: No

American Literature and Composition is a semester-long reading and writing course that includes standards-based instruction centered on recurrent themes and genres in United States literature from the colonial period to the present and reflects on the diversity of American life. Students read and respond to historically or culturally significant works of literature that reflect and enhance their studies of history and social science. The philosophical approach is the focus for the eleventh grade, as students analyze the philosophical arguments presented in literary works to determine whether the authors’ positions have contributed to the quality of each work and the credibility of characters. As a means of developing the critical thinking and communication skills necessary for the demands of college and work, students will engage in discussion to prepare oral and written arguments that provide all relevant perspectives and consider the validity and reliability of sources. The California Reading/Language Arts Framework states that students in the eleventh grade are expected to read two million words annually on their own, including a good representation of classic and contemporary literature, magazines, newspapers, and online articles. American Literature meets one semester of eleventh-grade English requirement for graduation and fulfills one semester of the B requirement of the UC/CSU Subject Area Requirements.

COMMUNICATIONS AND WRITING

COMM WRIT AB B: English
Grades: 11-12 A-G: Yes CTE: No NCAA: Yes

Articulation: No

Students develop the skills necessary to understand and create college-level communication. Through textual analysis, strategy development, and extensive reading, both in class and independently, students will make

significant gains in independent reading level. To prepare for the demands of the college classroom, oral communication skills, including presentations and debates, will be another focus of the course. Classes will emphasize academic discourse, using both informal, meaning-making discussion and more formal expression. Students will engage in writing to express understandings and make arguments about texts. Students will also develop their academic identity through reflective writing and sharing knowledge.

CONTEMPORARY COMPOSITION

CONT COMP B: English
Grades: 11 A-G: Yes CTE: No NCAA: Yes

Articulation: No

The major purpose of this standards-aligned semester course is to explore ideas, issues, and themes from contemporary fiction, nonfiction, and informational materials and to focus on writing coherent and complex texts that convey well-defined perspectives and tightly reasoned arguments. Students will read, write, speak, and think about the structure, style, content, and purpose of contemporary literature, expository, and visual texts through different lenses and various perspectives to investigate personal, American, and global views on current events, issues, and themes. As a means of developing the critical thinking and communication skills necessary for the demands of college and work, students will engage in discussion to prepare oral and written arguments that provide all relevant perspectives and consider the validity and reliability of sources. The California Reading/Language Arts Framework states that students in the eleventh grade are expected to read two million words annually on their own, including a good representation of high interest, rigorous, and relevant contemporary texts including magazines, newspapers, and online articles. Contemporary Composition meets one semester of eleventh-grade English requirement for graduation and fulfills one semester of the B requirement of the UC/CSU Subject Area Requirements.

CREATIVE WRITING

CREAT WRIT AB G: English
Grades: 11-12 A-G: Yes CTE: No NCAA: Yes

Articulation: No

Creative Writing teaches students strategies and practice in the art of writing poetry, short stories, creative nonfiction, plays, and review. Students will explore the genres of fiction (science fiction, western, horror, romance, mystery, fantasy), graphic novels (aka comic books or manga), play writing, screenwriting, creative nonfiction, reviews (books, films, video games), and new media writing including blogging, tweeting, and hyper-texting. The learning process and outcomes will emphasize the conventions of each genre, the writing process, and revision. We will use the writing workshop model for revision and critique.

ENGLISH 9

ENGLISH 9AB B: English
Grades: 9 A-G: Yes CTE: No NCAA: Yes

Articulation: No

English 9AB is organized into three standards-based instructional components that focus on persuasion, exposition, and literary analysis, integrating skills of reading, writing, listening, and speaking. During the persuasion instructional component, students will read persuasive texts, with a focus on the credibility of an author’s argument, the relationship between generalizations and evidence, the comprehensiveness of evidence, the way in which the author’s intent affects the structure and tone of the text, and extend ideas through original analysis, evaluation, and elaboration. Students will also write persuasive essays and deliver persuasive presentations. In the exposition component, students will read expository texts, with a focus on synthesizing and extending ideas presented in primary and secondary sources, including works by a single author dealing with a single issue. In addition, students will write expository essays and deliver expository presentations. During the literary analysis component, students will read literary texts, with a focus on analyzing central themes in multiple works as well as analyzing themes in relation to issues of an historical period. Students will write responses to literature and deliver oral responses to literature. English 9 AB meets the basic ninth-grade English requirement for graduation and fulfills the B requirement of the UC/CSU Subject Area Requirements.

ENGLISH 10

ENGLISH 10AB

B: English

Grades: 10

A-G: Yes

CTE: No

NCAA: Yes

Articulation: No

English 10AB is organized into three standards-based instructional components that focus on persuasion, exposition, and literary analysis, integrating skills of reading, writing, listening, and speaking. During the persuasion instructional component, students will read persuasive texts, with a focus on the credibility of an author's argument, the relationship between generalizations and evidence, the comprehensiveness of evidence, the way in which the author's intent affects the structure and tone of the text, and extend ideas through original analysis, evaluation, and elaboration. Students will generate relevant questions about readings on issues and engage in research. Students will also write persuasive essays and deliver persuasive presentations. In the exposition instructional component, students will read expository texts and use what they have learned to establish a controlling impression or coherent thesis that conveys a clear and distinctive perspective on a subject and maintain a consistent tone and focus throughout a piece of writing. They will use primary and secondary sources accurately, distinguish between information and the significance of the data, be aware of audience, anticipate misunderstandings, and use subject-specific terms accurately. During the literary analysis component, students will read literary texts (e.g., short stories, poetry, and longer works, including novels), recognize and understand the significance of various literary devices, including figurative language, imagery, allegory, and symbolism, and explain their appeal. Students will also explain how voice, persona, and the choice of a narrator affect characterization and the tone, plot, and credibility of a text. Students will write responses to literature and deliver oral responses to literature. English 10AB meets the basic tenth-grade English requirement for graduation and fulfills the B requirement of the UC/CSU Subject Area Requirements

EXPOSITORY READING & WRITING

ERWC AB

B: English

Grades: 12

A-G: Yes

CTE: No

NCAA: Yes

Articulation: No

The major purpose of this year-long course is to prepare students for the literacy demands of college and the world of work. Through a sequence of fourteen rigorous instructional modules, students in this yearlong, rhetoric-based course develop advanced proficiencies in expository, analytical, and argumentative reading and writing. The cornerstone of the course—the assignment template—presents a process for helping students read, comprehend, and respond to non-fiction and literary texts. Modules also provide instruction in research methods and documentation conventions. Students will be expected to increase their awareness of the rhetorical strategies employed by authors, and to apply those strategies in their own writing. They will read closely to examine the relationship between an author's argument or theme and his or her audience and purpose, to analyze the impact of structural and rhetorical strategies, and to examine the social, political, and philosophical assumptions that underlie the text. By the end of the course, students will be expected to use this process independently when reading unfamiliar texts and writing in response to them. Course texts include contemporary essays, newspaper and magazine articles, editorials, reports, biographies, memos, assorted public documents, and other non-fiction texts. The course materials also include modules on two full-length works (one novel and one work of non-fiction). Written assessments and holistic scoring guides conclude each unit. Students are expected to write and revise a minimum of eight academic compositions within the twelfth-grade year, including timed writing pieces and developed compositions. The California Reading/Language Arts Framework states that students in the twelfth grade are expected to read two million words annually on their own that will transition them into adult reading. They will also apply and refine their command of the writing process, writing conventions, and rhetorical strategies to produce texts of at least 1,500 words each. Expository Reading and Writing Course fulfills a B requirement of the UC/CSU Subject Area Requirements.

HONORS ENGLISH 10

H ENGLISH 10AB

B: English

Grades: 10

A-G: Yes

CTE: No

NCAA: Yes

Articulation: No

This course is a survey of various literary genres and designed to develop the reading, writing, speaking, listening, and critical thinking skills of students. Areas of emphasis in writing instruction include narrative, argumentation, and analytical writing. In addition, students will begin cultivating and sharpening the skills they must master to be prepared for the rigors of the SBAC, PSAT/SAT or ACT examinations, college and career.

HONORS AMER LIT & CONTEMPORARY COMPOSITION

H AM LIT / H CONT COMP

B: English



Grades: 11

A-G: Yes

CTE: No

NCAA: Yes

Articulation: No

This is the year colleges will use to determine if students are prepared for their challenging classes. The objective of this class is to teach students how to think, read, write, speak and listen at the highest levels of achievement, a level that will prepare students for the formidable demands of college. We will acquire academic, cognitive and emotional strategies to help us through difficulties in reading and writing.

HUMANITIES & ENHANCED LITERATURE

HUMANTIES AB or ENHANC LIT AB

Elective

Grades: 9

A-G: No

CTE: No

NCAA: No

Articulation: No

The major purpose of this interdisciplinary English/social science course is to provide a study of basic patterns of civilizations as expressed through literature, history, art, music, law, politics, religion, and philosophy. The content includes a survey of significant developments in the search for order and self-definition within selected cultures from ancient civilizations to the present. Literary and specialized works are examined for the ideas expressed and the artistry in expression. The course requires practice in critical analysis of text, structured writing, oral discussions, and critical and creative responses to literature/text, art, and music.

JOURNALISM 1

JOURNALISM 1AB

G: English

Grades: 10-12*

A-G: Yes

CTE: No

NCAA: Yes

Articulation: No

The major purpose of this standards-aligned year-long elective course is to focus on writing and publishing the school newspaper/magazine at an introductory level by using advanced publishing software and graphic programs. Students practice all aspects of journalism through hands-on experience and a study of journalism-related literature. Students will analyze the structure and format of various newspapers and magazines, including the graphics and headers, and explain how the writers use the features to achieve their purpose. They will evaluate the credibility of a writer's argument by critiquing the relationship between generalizations and evidence, the comprehensiveness of evidence, and the way the writer's intent affects the structure and tone of the text. As writers, they will generate relevant questions about readings and issues that can be researched and refine their skill in using precise language, action verbs, sensory details. The skills in this first course (e.g., research, critical thinking, analytical reading and writing, process writing in a variety of genres) prepare students for Journalism 2AB. Journalism 1AB fulfills a G requirement of the UC/CSU Subject Area Requirements.

JOURNALISM 2

JOURNALISM 2AB

Elective

Grades: 10-12*

A-G: No

CTE: No

NCAA: Yes

Articulation: No

The major purpose of this standards-aligned year-long elective course is to focus in depth on writing and publishing the school newspaper/magazine at an advanced level. Students will read, write, and discuss to develop mastery of all aspects of journalism through hands-on experiences and study of journalism-related literature. Students will learn to make warranted and reasonable assertions about the writer's arguments by using elements of the text to defend and clarify interpretations; critique the power, validity and truthfulness of arguments set forth in articles and public documents; critique the appeal of the articles to both friendly and hostile audiences; and examine the extent to which the writer anticipates and addresses reader concerns and counterclaims. They will revise text to highlight the individual voice, improve variety and style, and enhance subtlety of meaning and tone in ways that are

consistent with the purpose, audience, and genre. Areas of study, which include good writing versus good reporting, advanced news writing, column writing, writing styles, result in more sophisticated critical reading, writing, and thinking skills.

WRITERS WORKSHOP

WRITERS WKSH AB Elective
Grades: 10 A-G: No CTE: No NCAA: No

Articulation: No

This course focuses on the development and writing of different genres for multiple purposes. Students will develop their knowledge of the craft of writing by analyzing the characteristics of sub-genres (e.g., satire, parody, allegory, pastoral) that are used in poetry, prose, plays, novels, short stories, essays, and other genres in order to write their own. They will analyze the ways in which the themes of various works represent a view or comment on life, the ways in which irony, tone, mood, style, and the "sound" of language achieve rhetorical or aesthetic purposes, and the philosophical arguments presented to determine whether the authors' positions have contributed to the work and credibility of characters. Students will engage in interactive reading and writing assignments, many of which include informal writing throughout the process. Students will move from pre-reading activities, through reading and post-reading activities, to formal writing assignments.

Students will work with expository texts and learn to make predictions about texts, analyze both the content and the rhetorical structures, and properly use materials from the texts they read in supporting their own oral and written arguments.

MATHEMATICS (C)

ADVANCED ALGEBRA & TRIGONOMETRY

ADV ALG CPTS AB C: Algebra 2/Trigonometry
Grades: 12* A-G: Yes CTE: No NCAA: Yes

Articulation: No

Prerequisite: Algebra 2AB

Advanced Algebra and Trigonometry is designed to provide students who would like to take another year of mathematics as an alternative plan to Pre-Calculus. This course is intended for students who completed Algebra 2 but do not feel prepared for Trigonometry/Probability and Statistics or Pre-Calculus. Advanced Algebra and Trigonometry included standards from a number of branches of mathematics, thereby enabling students to experience connections among them. The course of study includes functions, solving systems of equations, matrices, polynomials, trigonometric functions, vectors and exponential and logarithmic functions.

The first half of the course concentrates on algebra and functions, with particular attention paid to graphing and solving linear, quadratic, polynomial, rational, exponential functions, and conics. The Rational Root theorem and Fundamental Theorem of Algebra will be covered. Applications of the material during first semester include maxima/minima problems, roots, and a more in depth view of functions. Logarithms (with an emphasis on applications) shifts to trigonometry, with discussion of the trigonometric ratios, radian measure, the graphs of the trigonometric functions, the special angle formulas, and the laws of sines and cosines.

ADVANCED PLACEMENT CALCULUS AB

AP CALCULUS AB C: Advanced Mathematics ♦
Grades: 9-12 A-G: Yes CTE: No NCAA: Yes

Articulation: No

Prerequisite: Trigonometry & Math Analysis OR Equivalent

["AP Calculus includes two courses, AP Calculus AB and AP Calculus BC, which were developed in collaboration with college faculty. The curriculum for AP Calculus AB is equivalent to that of a first-semester college calculus course, while AP Calculus BC is equivalent to a first-semester college calculus course and the subsequent single-variable calculus course. Calculus BC is an extension of Calculus AB rather than an enhancement; common topics require similar depth of understanding. Both courses are intended to be challenging and demanding, and each is designed to be taught over a full academic year."](#)

The "big idea" topics for AP Calculus AB include: limits, derivatives, integrals and the Fundamental Theorem of Calculus. "AP Calculus BC explores these ideas in additional contexts and also adds the big idea of series. In both courses, the concept of limits is foundational; the understanding of this fundamental tool leads to the development of more advanced tools and concepts that prepare students to grasp the Fundamental Theorem of Calculus..." Click on the link to read the entire outline. Students who pass the AP Calculus exam may receive course credit by colleges and/or universities.

ADVANCED PLACEMENT CALCULUS BC

AP CALCULUS BC C: Advanced Mathematics ♦
Grades: 9-12 A-G: Yes CTE: No NCAA: Yes

Articulation: No

Prerequisite: AP Calculus AB or Equivalent

["AP Calculus includes two courses, AP Calculus AB and AP Calculus BC, which were developed in collaboration with college faculty. The curriculum for AP Calculus AB is equivalent to that of a first-semester college calculus course, while AP Calculus BC is equivalent to a first-semester college calculus course and the subsequent single-variable calculus course. Calculus BC is an extension of Calculus AB rather than an enhancement; common topics require similar depth of understanding. Both courses are intended to be challenging and demanding, and each is designed to be taught over a full academic year."](#)

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ALGEBRA 1

ALGEBRA 1AB C: Algebra 1
Grades: 9-12 A-G: Yes CTE: No NCAA: Yes

Articulation: No

Students use reasoning to define and make sense of rational exponents and explore the algebraic structure of the rational and real number systems. They understand that numbers in real world applications often have units attached to them and are considered quantities. Students explore the structure of algebraic expressions and polynomials. They understand that certain properties must persist when working with expressions that are meant to represent numbers, now written in an abstract form involving variables. When two expressions with overlapping domains are set equal to each other, resulting in an equation, there is an implied solution set (be it empty or non-empty), and students not only refine their techniques for solving equations and finding the solution set, but they can clearly explain the algebraic steps they used to do so. Students extend this knowledge to working with absolute value equations, linear inequalities, and systems of linear equations. After learning a more precise definition of function in this course, students examine this new idea in the familiar context of linear equations (for example, by seeing the solution of a linear equation as solving $f(x) = g(x)$ for two linear functions f and g). Students continue building their understanding of functions beyond linear ones by investigating tables, graphs, and equations that build on previous understandings of numbers and expressions. They make connections between different representations of the same function. They learn to build functions in a modeling context, and solve problems related to the resulting functions. Algebra 1 focuses on linear, simple exponential, and quadratic equations.

ALGEBRA 2

ALGEBRA 2AB C: Algebra 2
Grades: 9-12 A-G: Yes CTE: No NCAA: Yes

Articulation: No

Prerequisite: Algebra 1AB

Students expand their understanding of expressions including rewriting, interpreting and examining rational, radical, polynomial expressions and deriving the formula of the sums of finite geometric series. Students continue expanding their knowledge of rational, polynomial, radical, exponential and logarithmic functions; they learn to represent functions algebraically,

graphically, in numerical tables and by verbal descriptions. Students expand their knowledge of the real numbers to model/ solve a variety of equations/ inequalities and the systems of equations with two or more variables. Students practice creating equations for the real world situations, learn how to solve them, interpret the solutions and explain the reasoning. Students learn about complex numbers and explore real /complex roots of polynomial functions using the Fundamental Theorem of Algebra. Students explore/ apply the Remainder Theorem and the Binomial Theorem with the polynomial expressions and equations. Students explore the relationship between the exponential functions and their inverses, the logarithmic functions. Students explore all conic sections and learn how to express geometric properties with equations. Students extend their trigonometry knowledge: they learn how to interpret the radian measure of angles in the unit circle, graph all six trigonometric functions, model the periodic phenomena of the graphs, and prove/apply trigonometric identities. Finally, students continue expanding their knowledge of statistics by summarizing, representing, and interpreting data using the normal distribution. Moreover, students make inferences and justify conclusions based on sampling, experiments and observational studies.

DISCRETE MATHEMATICS

DISCR MATH AB C: Advanced Mathematics
Grades: 11-12* A-G: Yes CTE: No NCAA: Yes

Articulation: No

Prerequisite: Algebra 2AB

The first half of the course is designed to develop students' ability to reason mathematically and justify arguments. The focus of this part of the course is on logic and various methods of proof. Set Theory, Combinatorics, and Probability form a sequence to the second half of the class which is focused primarily on Graph Theory, Operations Research problems and Binary Trees. The second half of the course is focused primarily on Graph Theory, Operations Research problems and Binary Trees. Students will evaluate the pros and cons of different algorithms and learn to make and test conjectures through counterexamples or proof. When appropriate, students will generalize and communicate the results to their peers, using correct vocabulary. Students will learn to recast problems using multiple representations and demonstrate their ability to use multiple facets of mathematics as tools to solve problems.

GEOMETRY

GEOMETRY AB C: Geometry
Grades: 9-12 A-G: Yes CTE: No NCAA: Yes

Articulation: No

The purpose of this course is to formalize and deepen a student's understanding of how transformational geometry, trigonometry, probability and statistics can be used to model and interpret the real world. Students will be able to grasp abstract Euclidean proofs, transformational proofs, and apply them to understand real world, geometric relationships—including relationships between two and three dimensional objects. Students will continue to develop mathematical ways of thinking through the Mathematical Practice Standards and content standards. Students will be expected to make sense of real world situations and apply mathematics to develop solutions.

HONORS PRECALCULUS or H TRIG/MATH ANALYSIS

H PRECALC AB or H TRIG/MATH AB C: Advanced Mathematics ♦
Grades: 10-12* A-G: Yes CTE: No NCAA: Yes

Articulation: No

Prerequisite: Algebra 2AB

Students enrolled in Honors Precalculus or Honors Trigonometry & Math Analysis will gain the confidence and skills necessary to be successful in Advanced Placement Calculus and math related curriculum in college. Students will build upon and further explore expressions, equations and functions learned in earlier math courses to develop patterns, make or test conjectures and try multiple representations. Students will also learn about inverse functions and how restricting the domain of a function that is not always increasing or decreasing allows its inverse to be constructed. Students are introduced to vectors in the complex plane and gain fluency transferring between rectangular and polar forms. Students will explore the properties of matrices as they apply matrix operations to solve systems of equations and gain the understanding of how matrices help solve real world problems quickly and algorithmically. Students will apply their knowledge of trigonometry as

they explore the unit circle and model periodic phenomena with trigonometric functions. Students will solve the real world problems involving the Laws of sines and cosines. Students will derive equations for conic sections from the definition of foci and by completing the square. Students in Honors Precalculus complete a full year in one semester.

INTRODUCTION TO DATA SCIENCE

INT DATA SCI AB C: Statistics
Grades: 11-12 A-G: Yes CTE: No NCAA: Yes

Articulation: No

Prerequisite: Algebra 1AB, Geometry AB. (Algebra 2AB recommended)

This course will develop the tools, techniques and principles for reasoning about the world with data. We will present a process that is iterative and authentically inquiry based, comparing multiple "views" of one or more data sets. Inevitably, these views are the result of some kind of computation, producing numerical summaries or graphical displays. Their interpretation relies on a special kind of computation, simulation, to describe the uncertainty in each view. This kind of reasoning is exploratory and investigatory, sometimes framed as hypothesis evaluation and sometimes as hypothesis generation. Exploration and investigation with data, then, necessarily depends on computation. Our course will rely on R, an open source statistical computing environment, and a graphical interface R Studio. This course emphasizes the CCSS High School — Statistics and Probability Standards that involve the study of data science. Students authentically apply the Standards for Mathematical Practice throughout the course. Some of the topics addressed in this course review Statistics and Probability material found in the CCSS, specifically statistical variability, distributions, early concepts of random sampling, inferences about populations, chance and probability models, and patterns of associations in bivariate data.

STATISTICS & PROBABILITY

STAT & PROB AB C: Statistics
Grades: 11-12* A-G: Yes CTE: No NCAA: Yes

Articulation: No

Prerequisite: Algebra 2AB

Statistics and Probability is the high school equivalent of a one semester, introductory college statistics course. In this course, students develop strategies for collecting, organizing, analyzing, and drawing conclusions from data. Students design, administer, and tabulate results from surveys and experiments. Probability and simulations aid students in constructing models for chance behavior. Sampling distributions provide the logical structure for confidence intervals and hypothesis tests. Students use a TI-83/84 graphing calculator, Fathom, and Minitab statistical software, and Web-based java applets to investigate statistical concepts. To develop effective statistical communication skills, students are required to prepare frequent written and oral analyses of real data.

SCIENCE (D)

ADVANCED PLACEMENT BIOLOGY

AP BIOLOGY AB D: Biology ♦
Grades: 9-12 A-G: Yes CTE: No NCAA: Yes

Articulation: No

Prerequisite: Biology AB, Chemistry AB

[AP Biology](#) is a college-preparatory science courses for students who can profit from its provided enrichment. Other students may profit more from taking AP Biology after having taken other high school science courses. This course may be accepted by colleges for course credit or advanced placement of students who qualify on the Advanced Placement Examination. A college-level course for students eligible for honors classes, AP Biology differs significantly from the usual first-year high school course by the textbook used, the range and depth of topics covered, the kind of laboratory work done, and the time and effort required of students. Topics covered include: chemistry of life, cells, cellular energetics, heredity, molecular genetics, evolutionary biology, diversity of organisms, structure and functions of plants and animals and ecology. AP Biology AB meets the Grades 9-12 life science requirement for graduation. It also meets one year of the University of California "D" entrance

requirement for laboratory science. Click on the link to read the complete course outline.

ADVANCED PLACEMENT PHYSICS 1

AP PHYSICS 1AB D: Physics ♦
Grades: 9-12 A-G: Yes CTE: No NCAA: Yes

Articulation: No

Prerequisite: Algebra 1AB, Geometry AB

Co-requisite: Algebra 2AB or higher

["AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore these topics: kinematics; dynamics; circular motion and gravitation; energy; momentum; simple harmonic motion; torque and rotational motion; electric charge and electric force; DC circuits; and mechanical waves and sound."](#) Click on the link to read a complete outline. Students who pass the AP Physics 1 exam may receive course credit by colleges and/or universities.

BIOLOGY

BIOLOGY AB D: Biology
Grades: 9-12 A-G: Yes CTE: No NCAA: Yes

Articulation: No

The major purpose of this laboratory-based college preparatory course is to provide understanding of the basic biological concepts: From molecules to organisms: Structures & processes, Ecosystems: Interactions, energy and dynamics, Heredity: Inheritance and variation of traits, Biological evolution: Unity and diversity. Focus is on active student participation in laboratory investigations and the development of critical thinking skills. Biology AB lays the foundation for further studies in Biology and also serves as an Advanced Placement Biology readiness course. Biology AB meets the Grades 9-12 life science graduation requirement (Students must complete one year of a physical and a life science requirement). This course meets one year of the University of California "D" entrance requirement for laboratory science.

CHEMISTRY

CHEMISTRY AB D: Chemistry
Grades: 9-12 A-G: Yes CTE: No NCAA: Yes

Articulation: No

Chemistry is a laboratory-based college-preparatory course. Laboratory experiments provide the empirical basis for understanding and confirming concepts. This course emphasizes discussions, activities, and laboratory exercises, which promote the understanding of the behavior of matter at the macroscopic and the molecular-atomic levels. Chemical principles are introduced so that students will be able to explain the composition and chemical behavior of their world. Chemistry AB lays the foundation for further studies in Chemistry and also serves as an Advanced Placement Chemistry readiness course. Chemistry AB meets the Grades 9–12 physical science requirement. Students must complete one physical and one life science requirement. This course meets one year of the University of California "D" entrance requirement for laboratory science

HONORS PHYSICS

H PHYSICS AB D: Physics ♦
Grades: 9-12 A-G: Yes CTE: No NCAA: Yes

Articulation: No

This course meets the University of California 's D (laboratory science) subject area requirement. This fast-paced course introduces students to the major concepts of physics, such as motion, force, energy, rotational motion, sound and light waves, and electricity and magnetism. Emphasis is placed on learning and practicing good organizational, problem solving, and lab report writing skills. This is a rigorous course and the time commitment varies greatly, but in general students must be prepared to spend at least an average of thirty minutes to an hour outside of class time per hour of class time, to successfully complete the course. This course is highly recommended as a prerequisite for AP Physics 1.

PHYSICS

PHYSICS AB D: Physics
Grades: 9-12 A-G: Yes CTE: No NCAA: Yes

Articulation: No

This course meets the University of California's D (laboratory science) subject area requirement. This course emphasizes the basic concepts of physics in which algebra is used to examine variables and constants, and provide experience at manipulating and solving linear and exponential equations. Topics include: motion, force, energy, sound and light waves, and electricity and magnetism. Emphasis is on student discovery and application of the basic laws of physics in our lives. This is a thorough course and the time commitment varies greatly, but in general students must be prepared to spend at least an average of thirty minutes to an hour of outside of class time per hour of class time to successfully complete the homework and projects required for the course.

SOCIAL SCIENCE (A)

ADVANCED PLACEMENT AMERICAN GOV & POLITICS

AP GOVT AB A: Government ♦
Grades: 12 A-G: Yes CTE: No NCAA: Yes

Articulation: No

This course provides an intensive study of how the various elements of government and politics in the United States work together to produce public policy. It examines the critical relationship among the various institutions, government, groups, and ideas that make up the political scene. This course helps the student become familiar with the various ideas and theories used to analyze and predict political behavior and the terminology useful in describing politics. The activities include essays, tests, note taking, debates, research projects, and use of with primary and secondary sources. It emphasizes the analysis and interpretation of factual information as it pertains to U.S. government. This course is designed for students eligible for Honors Social Science and gives them an opportunity to interact with college-level material. If a student passes the Advanced Placement Exam, this course may be accepted by colleges for course credit.

ADVANCED PLACEMENT UNITED STATES HISTORY

AP US HIST AB A: US History ♦
Grades: 11-12 A-G: Yes CTE: No NCAA: Yes

Articulation: No

The major purpose of this course is to provide an intensive study of the political, economic, social, intellectual, diplomatic, and cultural development of the United States. The course emphasizes a variety of themes and approaches to United States history and encourages an awareness of the nature of history in its broadest definition and a sense of the alternatives to any given explanation. The course develops the ability to read advanced-level historical work analytically and evaluate historical evidence and interpretations in arriving at conclusions. Students develop college-level social science skills through essay examinations, note taking from both printed materials and lectures, and the preparation of research papers. The course provides for extensive use of historical materials, both primary and secondary. If a student passes the Advanced Placement Exam, this course may be accepted by colleges for course credit.

ADVANCED PLACEMENT EUROPEAN HISTORY

AP EURO AB A: World History, Geography, Cultures ♦
Grades: 10-12 A-G: Yes CTE: No NCAA: Yes

Articulation: No

The major purpose of this course is to provide an in-depth study of European history from 1450 to the present. The course is organized around three major themes in European history: (1) Political and Diplomatic History, (2) Intellectual and Cultural History, and (3) Social and Economic History. The course helps students develop an awareness of the nature of history, its interpretations, and its interdisciplinary nature. The course includes essay tests, note taking, and research papers and deals with primary and secondary source materials. The course also stresses development of other social science skills and offers an opportunity for students to use college-level instructional materials. If a student passes the Advanced Placement Exam, this course may be accepted by colleges for course credit.

ADVANCED PLACEMENT PSYCHOLOGY

AP PSYC AB G: Social Science ♦
Grades: 10-12* A-G: Yes CTE: No NCAA: Yes

Articulation: No

The major purpose of this course is to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students also learn about the methods psychologists use in their science and practice. If a student passes the Advanced Placement Exam, this course may be accepted by colleges for course credit.

ECONOMICS

ECON G: Social Science
Grades: 12 A-G: Yes CTE: No NCAA: Yes

Articulation: No

The major purpose of this course is to provide a comprehensive study of the basic institutions, concepts, principles, and practices of economics. Instruction covers basic economic concepts that underlie the United States market system and its operations. Instructional units apply these concepts at both the micro and macro levels; promote informed voter and consumer decision making; provide information about major economic theories and prominent economists; and emphasize how economics influences the lives of ordinary citizens. In addition the course investigates the complex political and economic issues confronting national, state, and local governments. The course also includes an analysis of the American free enterprise system through a study of comparative economics. Included is instruction on the international dimensions of economics and the "global" economy. Throughout this course, measurement concepts and methods involving tables, charts, graphs, ratios, percentages, and index numbers are introduced to understand the relationship between economic variables, thus adding to their mastery of economic thought and method.

HONORS GOVERNMENT

H PRN AM DEM A: Government ♦
Grades: 12 A-G: Yes CTE: No NCAA: Yes

Articulation: No

In Honors Government, students will demonstrate the ability to think critically, problem solve effectively, both individually and in a group, revolving around events, trends, and issues in the political history of the United States and historical and present practices. Students will be able to make connections between their lives and the historical and present political climate in the United States and abroad. The course promotes activism in their communities and the world and academic settings. By participating students will evaluate their place in American/Global Society through a historical analysis of United States government (and other historical government systems); as well as, through major literary works, scientific and economic theories.

HONORS ECONOMICS

H ECON G: Social Science
Grades: 12 A-G: Yes CTE: No NCAA: Yes

Articulation: No

Economics is the study of how human beings attempt to satisfy unlimited wants with scarce resources. The first part of the course will focus on the fundamental concepts of Economics including: supply, demand and scarcity. Other topics include the organization of individual businesses and industries, the labor market including unions, role of government, money, banks, investing and the global economy. A major focus of this course is the Stock Market Project, which allows students to critically analyze financial markets and connect major course work with a critical thinking analysis of our Economy.

HONORS US HISTORY

H US HIST 20AB A: US History ♦
Grades: 12 A-G: Yes CTE: No NCAA: Yes

Articulation: No

This course examines major turning points of American History in the 20th century. The course begins with a review of the creation of the colonies

through reconstruction. During the year certain themes should be emphasized: The historical significance and evolution of the U.S. Constitution and the Bill of Rights; the expanding role of the federal government; the continuing tension between the individual and the state as well as between minority and majority power; the emergence of our modern capitalistic economy; the impact of technology on American society and culture; change in the ethnic composition of American society; the movement towards equal rights for all; and the role of the United States as a major world power.

Current events are consistently used to draw parallels between the past and present so that students may analyze how the past helps us understand the present. Additionally, the course emphasizes writing and verbal discussions through primary and secondary source analysis with a focus on point of view.

INTRODUCTION TO PSYCHOLOGY (Semester)

INTRO PSYCH G: Social Science
Grades: 9-12 A-G: Yes CTE: No NCAA: Yes

Articulation: No

The major purpose of this course is to cover the major fields in psychological research in learning and thought processes, personality, intelligence, emotions, genetics, perception, mental health, and human relations.

INTRODUCTION TO SOCIOLOGY (Semester)

INTRO SOCIO G: Social Science
Grades: 9-12 A-G: Yes CTE: No NCAA: Yes

Articulation: No

The major purpose of this course is to study group behavior, the social problems which arise from that behavior, and the effects of those problems upon group members. Included are units on social structure, societal values, poverty, crime, protest, population, mobility, human ecology, marriage and the family, and mass media.

PSYCHOLOGY & SOCIOLOGY

HUM PSY SOC AB G: Social Science
Grades: 10-12 A-G: Yes CTE: No NCAA: Yes

Articulation: No

This course is designed to provide 10th, 11th, and 12th grade students with an opportunity to study human development and relationships from both the sociological and psychological perspectives. One half of the course will focus on cognitive, social, and personality development of the individual, the formation of relationships and behavioral conflict within those relationships, as well as societal influences and group dynamics. The focus of the other half of the course includes the study of how the brain functions with respect to motivation, learning, memory, and language. In addition, the patterns, assessment, treatment, and prevention of abnormal behaviors are also studied. Students will have an opportunity to research various psychological issues during this half of the course.

PRINCIPLES OF AMERICAN DEMOCRACY

PRN AM DEM A: Government
Grades: 12 A-G: Yes CTE: No NCAA: Yes

Articulation: No

The major purpose of this course is to analyze our system of government and the historical background, fundamental concepts and principles that underlie American democracy. The course covers the development of the Constitution, Bill of Rights, and Federalism. It also includes a study of political parties, voting and voting behavior, and elections at the national, state, and local levels. The course will analyze the influence of special interest groups and the role of the media in shaping public opinion. The course also covers the role and the responsibilities of the three branches of government at the national, state, and local levels. This course will summarize landmark court decisions in terms of civil rights and civil liberties and will also study complex contemporary issues that confront national, state, and local governments such as immigration, race, abortion, gender, sexual orientation, and disabilities. This course should be viewed as the culmination of the civics literacy strand of the California History-Social Science Framework..

SPEECH AND DEBATE (Tentative for SY 2020-2021)

SPEECH DEBATE AB Pending A-G Approval

Grades: 9-12 A-G: No CTE: No NCAA: No

Articulation: No

Students research, prepare and deliver persuasive speeches on a variety of topics to build critical communication skills required of academic and professional careers. The course covers the basic principles of oratory, various styles of debate and tools for impromptu speaking.

UNITED STATES HISTORY – 20TH CENTURY

US HIST 20AB A: US History

Grades: 11 A-G: Yes CTE: No NCAA: Yes

Articulation: No

This Grade-eleven course surveys the major turning points in American history in the twentieth century. The course begins with a selective review emphasizing two major themes—the nation's beginnings and the industrial transformation of the new nation. Addressed throughout the course is the application of constitutional principles to contemporary issues. Topics covered are the expanding role of the federal government and the federal courts; the continuing tensions between the individual and the state and between minority rights and majority power; the emergence of a modern corporate economy; the impact of technology on American society; culture change in the ethnic composition of American society; the movements toward equal rights for diverse groups such as racial minorities, gays and lesbians, people with disabilities, gender issues and the role of the United States as a major world power. The course investigate the diversity of American culture, including religion, literature, art, drama, architecture, education, and the mass media.

WORLD HISTORY, CULTURE & GEOGRAPHY

WLD HIST AB A: World History, Culture & Geography

Grades: 9-12 A-G: Yes CTE: No NCAA: Yes

Articulation: No

The major purpose of this course is to examine major turning points in the shaping of the modern world, from the late eighteenth century to the present. The course begins with an introduction to current world issues and then continues with a focus on the expansion of the West spurred on by the Industrial Revolution, imperialism and colonization, World War I, World War II, and nationalism among modern nation states. The course examines the role of women and other diverse groups, such as racial minorities, gays and lesbians, and people with disabilities.

VISUAL & PERFORMING ARTS (F)

ADVANCED BAND (CONCERT BAND)

ADV BAND AB F: Music

Grades: 9-12 A-G: Yes CTE: No NCAA: No

Articulation: No

The Concert Band is a performance based class comprised of students who play woodwind, brass, and percussion instruments. In addition to time spent preparing for performances during the school day, students will participate in performances outside the school day.

ADVANCED THEATER STAGE DESIGN

ADV THEA/ST AB F: Theater

Grades: 10-12 A-G: Yes CTE: Yes NCAA: No

Articulation: No

Prerequisite: Theater Introduction (This is the completer class for the Theatre CTE Pathway)

An Advanced Theater Class focusing on costumes, scenery, stage lighting, and make-up. The students in this class create the scenery, costumes, and lighting for the school plays.

AMERICAN IMAGES AB

AMER IMAGE AB F: Visual Art

Grades: 9-12 A-G: Yes CTE: No NCAA: No

Articulation: No

Students learn about different cultures of the Americas while creating 2-D and 3-D projects using a variety of media. Beginning class for non-art majors.

ANIMATION 1

ANIMATION 1AB F: Visual Art

Grades: 10-12 A-G: Yes CTE: Yes NCAA: No

Articulation: GCC - ART 201 (Not-Transferable) IGETC: No

Prerequisite: Drawing

The purpose of this course is to provide a foundation for cartooning and animation as students explore and master the CA state visual arts and CTE AME (arts media entertainment) standards. Students expand on their drawing skills by learning about the history and techniques of illustration, cartooning and principles of animation. They develop character designs, storyboards, comic strips and flipbooks, as well as learning how to write stories and read scripts. Careers in cartooning, animation and gaming are explored. (This Class is articulated with Glendale Community College).

ANIMATION 2 (3D)

ANIMATION 2AB F: Visual Art

Grades: 10-12 A-G: Yes CTE: Yes NCAA: No

Articulation: No

Prerequisite: Drawing

The purpose of this course is to provide a foundation for cartooning and animation as students explore and master the CTE AME (arts media entertainment) and visual arts standards. Students extend their drawing skills by studying the history and techniques of illustration, cartooning and principle of animation, and developing character designs and storyboards, and ultimately producing their senior film. Students choose the type of animation they create (2D, 3D, or stop motion) Careers in cartooning, animation and gaming will be explored.

AP ART HISTORY

AP ART HIST AB F: Visual Art – ◊

Grades: 10-12 A-G: Yes CTE: No NCAA: No

Articulation: No

Academic class that focuses on the study of art past and present through slide presentations and lecture. Exam taken at end of course for college credit.

AP MUSIC THEORY

AP MUSIC THY AB F: Visual Art – ◊

Grades: 9-12 A-G: Yes CTE: No NCAA: No

Articulation: No

The AP Music Theory course corresponds to one or two semesters of a typical introductory college music theory course that covers topics such as theory, musical materials, listening skills, sight singing, and harmony. Development of aural skills is a primary objective as well as performance through the practice of sight singing. Students should be able to read and write musical notation prior to taking this course.

AP STUDIO ART

AP STU ART AB F: Visual Art – ◊

Grades: 10-12 A-G: Yes CTE: No NCAA: No

Articulation: No

College level course for serious students who wish to major in art in college. Students develop a body of work throughout the year based on 3 factors: 1) a sense of quality and skill in a student's work 2) concentration on a particular interest or problem to solve 3) breadth of experience in the formal, technical and expressive capacity of the artist. A comprehensive Portfolio will be submitted at the end of the class. For potential college credit.

ART & DESIGN I

DESIGN CRAFT AB F: Visual Art

Grades: 9-12 A-G: Yes CTE: No NCAA: No

Articulation: No

Explore 3-D projects using a variety of materials, like yarn and string, to create functional and decorative artworks.

CERAMICS 1AB

CERAMICS 1AB F: Visual Art

Grades: 9-12 A-G: Yes CTE: No NCAA: No

Articulation: No

Students learn the techniques of hand building pottery and basic glazing through a variety of projects using clay. Beginning

CERAMICS 2AB

CERAMICS 2AB F: Visual Art
Grades: 10-12 A-G: TBD CTE: No NCAA: No

Articulation: No

Prerequisite: Ceramics 1 A/B with a grade of "B" or better.

Students are expected to be highly motivated and demonstrate proficiency in working with clay. The essential mastery of ceramic skills is assumed. More sophisticated hand building and themed projects towards college art are practiced in the portfolio- building process.

CHORUS

CHORUS AB F: Music
Grades: 9-12 A-G: Yes CTE: No NCAA: No

Articulation: No

Prerequisite: None (Beginning)

Course: One Year (2 Semesters). This is the "Concert Choir"

If you never sang before but always wanted to learn, then this is the class for you!

In this beginning choir class, students learn proper individual and ensemble vocal techniques, how to read music, and how to perform choir music from different styles, cultures, and time periods.

The "Concert Choir" performs two major concerts per year.

CHOIR

CHOIR AB F: Music
Grades: 9-12 A-G: Yes CTE: Yes NCAA: No

Articulation: No

Prerequisite: None (Beginning/Intermediate)

Course: One Year (2 Semesters). This is the "Concert Choir"

This course is for students with some singing experience who want to be a part of a performing ensemble for beginning - intermediate choral musicians. In this intermediate choir class, students learn proper individual and ensemble vocal techniques, how to read music, and how to perform choir music from different styles, cultures, and time periods. The "Concert Choir" performs two major concerts per year.

DESIGN AB

DESIGN AB F: Visual Art
Grades: 10-12 A-G: Yes CTE: Yes NCAA: No

Articulation: LAPC – ART 501 (UC:CSU) IGETC: 3A

Learn how to visually communicate an idea, explore typography, and lay out a page using graphics and headlines in a variety of different media. This is the second class in the Graphic Design Pathway. It is also articulated with Pierce College for college credit with a "B" or better.

DRAWING AB

DRAWING AB F: Visual Art
Grades: 10-12 A-G: Yes CTE: Yes NCAA: No

Articulation: LAPC – ART 201 (UC:CSU) IGETC: No

Drawing by observing the "real world" and learning how to make objects look three-dimensional. This is the first class in Graphic Design Pathway. It is also articulated with Pierce College for college credit with a "B" or better.

GLEE

GLEE AB F: Music
Grades: 9-12 A-G: Yes CTE: Yes NCAA: No

Articulation: No

Prerequisite: One year of choir experience preferred (Intermediate/Advanced Women Only)

Course: One Year (2 Semesters). This is the "Women's Choir"

This "Women's Choir" course is for those with some singing experience and a desire to sing. This course includes how to read music / music fundamentals, technical voice training, and performance techniques. Only music arranged for the female voice is performed. The "Women's Choir" performs four major concerts per year and competes in local and national choir festivals.

GUITAR 1

GUITAR 1AB F: Visual Art
Grades: 9-12 A-G: Yes CTE: No NCAA: No

Articulation: No

This course is designed for students with no previous guitar experience. Students receive guidance and direction in solving problems related to playing the guitar at a beginning level and learn many of the different styles, skills and techniques required to become a successful guitarist.

HOLLYWOOD FILMS & MUSICALS

HLWD FILMS AB F: Visual Art
Grades: 9-12 A-G: Yes CTE: No NCAA: No

Articulation: No

Students will trace the background and development of one film genre (The Hollywood Movie Musical), by the introduction and study of musical and film icons made famous through this unique medium. Using examples of film clips, full length features and texts, students will examine and compare historical periods of the cinematic and musical choices that made The Hollywood Movie Musical the mega star and studio influence it became. Each Unit will specifically cover and analyze how this medium came to reflect optimism, idealism and hope, as well as youthful and political unrest and triumph over obstacles.

INTRO TO MUSICAL THEATRE

MUSICAL THEAT AB F: Theater
Grades: 9-12 A-G: Yes CTE: No NCAA: No

Articulation: No

Course: One Year (2 Semesters)

Prerequisite: One year of singing experience preferred. (Intermediate/Advanced)

This course prepares students to perform on the Broadway stage by focusing on the audition process. Students will explore various examples of the Musical Theater repertoire by watching videos and / or listening to musical examples. Students perform solos and/or group pieces from these examples. Elements of musical theater history and music theory are also explored.

The "Musical Theater" class performs at the two choir concerts each year.

INTRO TO THEATER STAGE DESIGN

THEA INTRO AB or INTRO THEA/ST AB F: Theater
Grades: 9-12 A-G: Yes CTE: Yes NCAA: No

Articulation: No

An introduction to all aspects of the Theater with special focus on acting. Open to all students

JAZZ ENSEMBLE

JAZZ ENS AB F: Music
Grades: 10-12* A-G: Yes CTE: No NCAA: No

Articulation: No

Performance based class that focuses on the many genres of Jazz (latin, blues, pop, swing). Rehearsals include study of improvisational playing within a group and jam sessions based on chord changes. Several performances during the year, including school events and the annual Winter/Spring concerts in the Performing Arts Auditorium.

MARCHING BAND & COLOR GUARD

MAR DYN PE AB Physical Education
Grades: 9-12 A-G: No CTE: No NCAA: No

Articulation: No

This is a 0 period course that fulfills a PE requirement. Marching Band and Color Guard is designed to give students the opportunity to participate in a drum corps style marching band and color guard. The marching band is a fun, exciting, high profile, competitive group with an extensive rehearsal and performance schedule. We perform at all the home Football Games, parades, and a few competitions.

MUSIC HISTORY, LITERATURE AND ANALYSIS

MU HST LT AN AB F: Music
Grades: 9-12 A-G: Yes CTE: No NCAA: No

Articulation: No

Prerequisite: None (Non-performing class)

This course covers the history of music from the Medieval Period to the Pop/Rock music of today. Students listen, view, analyze, and discuss various pieces / genres of music. The composers and the performers of each piece including the historical context in which each piece was written are analyzed. Elements of music theory (how to read music) will also be explored.

PAINTING 1AB

PAINTING 1AB F: Visual Art
Grades: 10-12 A-G: Yes CTE: No NCAA: No
Articulation: No

Basic color theory and techniques using acrylic, watercolor and tempera paint in a variety of interesting projects in this more advanced course. A drawing class is strongly recommended prior to taking this class.

PHOTOGRAPHY 1AB

PHOTO 1AB F: Visual Art
Grades: 10-12 A-G: Yes CTE: No NCAA: No
Articulation: No

Learn how to handle film with an SLR camera, process and develop it, and make prints in a variety of projects. 11 & 12 only. (Requires self-motivated, mature students.)

THEATER PRODUCTION (PLAY PRODUCTION)

THEA PROD AB F: Theater
Grades: 10-12 A-G: Yes CTE: Yes NCAA: No
Articulation: No

Prerequisite: By Audition Only

An Advanced Theater Class focusing on Acting and Directing
The students in this class put on the school plays, the Haunted House and compete in Theater Festivals

THEATER IMPROVISATION

THEA IMPROV AB F: Theater
Grades: 11-12* A-G: Yes CTE: No NCAA: No
Articulation: No

Prerequisite: By Audition Only

An Advanced Acting Class focusing on Improvisation and Theater Games
Prerequisite: Theater Introduction

VOCAL ENSEMBLE (CHAMBER SINGERS)

VOCAL ENSEMBLE AB F: Music
Grades: 9-12 A-G: Yes CTE: No NCAA: No
Articulation: No

Prerequisite: Audition Only Class (See Mr. Suffolk in room J105 for audition times) (Advanced)

Course: One Year (2 Semesters) "Chamber Singers". This class is for more experienced choir students who want to challenge themselves by singing more advanced choir music. The student will learn a variety of choral pieces from different time periods, different languages, and in different styles. The "Chamber Singers" performs four major concerts per year and competes in local and national choir festivals. In addition to performing at all school related activities. The "16 Voices" (vocal jazz / a cappella group) members are chosen from this ensemble.

CAREER TECHNICAL ED (CTE)

CATERING SERVICES & MANAGEMENT

CATERING SRV AB Pending
Grades: 10-12 A-G: No CTE: Yes NCAA: No
Articulation: No

Catering is part of the food services industry and involves the planning and organization of food and beverage services for various types of events. Important aspects of catering include: management of events and staff, meeting customer expectations, maintaining food and hygiene standards and meeting financial targets

PRE-MEDICINE SCIENCE I

PREMED SCI 1AB NA
Grades: 10-12 A-G: No CTE: Yes NCAA: No
Articulation: No

This is the first of two classes in the Patient Care Pathway and is designed for students seeking positions in hospital and health-related occupations. The goal of this course is to expose students to the diverse career opportunities available in the health care field. Students become familiar with the types of work, problems and skill requirements professionals encounter in a wide range of health careers including dentistry, nursing, clinical lab, veterinary medicine, speech therapy, forensics, and ophthalmology to name a few. Units of instruction include medical terminology, first aid/CPR, introduction to anatomy and physiology, and body systems. To prepare students for a career in the health and medical fields, students will be critical thinkers, effective communicators, willing collaborators, and active citizens. This course aligns with and incorporates the California Career Technical Education Model Curriculum Standards.

PRE-MEDICINE SCIENCE II

PREMED SCI 2AB NA
Grades: 10-12 A-G: No CTE: Yes NCAA: No
Articulation: No

This is the second class required (Capstone class) in the Patient Care Pathway which will be taken the senior year. Students will demonstrate the use of critical and creative thinking skills and logistical reasoning for problem resolution, safety issues, ethical considerations, interpersonal skills and problem solving. Some careers that will be explored in more detail are Nursing, Respiratory Therapy, Radiology Technician, Pharmacology, Dental Assisting, and more. Students will also prepare a senior project by presenting a portfolio that demonstrates the skills and knowledge acquired in the Pre-Med Science 1 class and the Pre-Med Science 2 classes. The portfolio will contain eight articles of work that represents what students have learned. Students will be able to create a professional website to update personal information and accomplishments to present to prospective employers, as well as other inquiries for future endeavors. Upon graduation, students will be prepared academically and vocationally for skilled entry-level jobs and/or entrance into colleges or universities. This course aligns with and incorporates the California Career Technical Education Model Curriculum Standards.

OTHER ELECTIVES

EXTENDED LEARNING

EXTEND LEARN AB N/A
Grades: 10-12 A-G: No CTE: No NCAA: No
Articulation: No

Extended Learning is a college and career preparatory class, during which students will learn effective life skills, such as organization, stress management, goal-setting and planning, and communication techniques. The course will include daily meditation practice and weekly restorative circles to address the social-emotional needs of the students, as well as binder and planner checks, grade counseling, college admission information, and Achieve lessons to help address academic needs. Students will also develop a resume and participate in mock interviews to increase career readiness.