

High School Course Guide -

African American Studies

SCHOOLS:	Bullard, Edison, McLane
SUBJECT AREA:	History/Social Science
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	11, 12
PREREQUISITE:	None

African American Studies is a course that introduces cultural, geographical, historical, environmental, and political issues of the African American experience. Through research, the examination of works of art, historical documents, music, and film, students will study topics including (but not exclusive to) African civilizations, slavery, the black experience in the Americas (North, Central, and South), Civil War and emancipation, reconstruction, migration, the Civil Rights movement, and contemporary issues facing the black community as well as African American influence on U.S. and world culture. In addition, students will be exposed to the African American experience through the study of customs, traditions, culture, economics, music, politics, and art.

Ag and Natural Resources Internship (ANR-FNR)

SCHOOLS:	Bullard, Cambridge, Design Science, De Wolf, Duncan, Edison, Fresno, Hoover, J.E. Young, McLane, Patino, Phoenix, Roosevelt, Sunnyside
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	11,12
PREREQUISITE:	None

This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. An internship is a work-based learning experience that provides students the opportunity to apply their technical and academic skills in a professional setting. Students will develop and practice an understanding the duties and responsibilities of high-skilled career areas, including terminology, climate, protocol, and other information that will enable them to analyze and revise their meaningful future plans. This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. The internship is supported with activities and assignments to deepen and enhance the experience. The structure of the internship aligns with local policy and program expectations for internships.

Algebra / Geometry III

SCHOOLS:	Bullard, Cambridge, Design Science, De Wolf, Duncan, Edison, Fresno, Hoover, J.E. Young, McLane, Patino, Roosevelt, Sunnyside
SUBJECT AREA:	Mathematics
a-g DESIGNATION:	c - Mathematics
GRADES:	11, 12
PREREQUISITE:	Algebra I and Geometry

This third year integrated math course includes major topics such as: operations with whole numbers, solving equations, including quadratic equations, geometric reasoning, similarities and congruencies, probability, statistics, transformations, and trigonometry.

Algebra I (CCSS)

SCHOOLS:	Bullard, Cambridge, Design Science, DeWolf, Duncan, Edison, Fresno, Hoover, J.E. Young, McLane, Phoenix, Roosevelt, Sunnyside
SUBJECT AREA:	Mathematics
a-g DESIGNATION:	c - Mathematics
GRADES:	9, 10

PREREQUISITE: None

Algebra I is the foundation course for all higher mathematics courses and emphasizes the learning of essential concepts which are required for further success in mathematics. Topics include: operations with integers, solving equations and inequalities, exponents, operations with polynomials, graphing in two variables, systems of equations, rational algebraic expressions, and application problems.

Algebra II (CCSS)

SCHOOLS: Bullard, Design Science, DeWolf, Duncan, Edison, Fresno, Hoover, McLane, Roosevelt, Sunnyside
SUBJECT AREA: Mathematics
a-g DESIGNATION: c - Mathematics
GRADES: 10, 11, 12
PREREQUISITE: Algebra I

This course is designed to complement and expand the mathematical content and concepts of Algebra I and Geometry. Students gain an understanding in solving algebraic problems in various content areas, including the solution of systems of quadratic equations, logarithmic and exponential functions, the binomial theorem, and the complex number system.

Algebra II/Pre-Calculus Honors

SCHOOLS: Bullard, Duncan, Edison, Fresno, Hoover, McLane, Roosevelt, Sunnyside
SUBJECT AREA: Mathematics
a-g DESIGNATION: c - Mathematics
GRADES: 11
PREREQUISITE: Geometry

This course is designed as an acceleration pathway in high school mathematics. This course will include the California State content standards of Algebra II and embeds key standards typical to a pre-Calculus course to prepare students for future Calculus coursework.

American Government

SCHOOLS: Bullard, Cambridge, Design Science, De Wolf, Duncan, Edison, Fresno, Hoover, J.E. Young, McLane, Patino, Phoenix, Roosevelt, Sunnyside
SUBJECT AREA: History/Social Science
a-g DESIGNATION: a - History/Social Science
GRADES: 12
PREREQUISITE: None

In this course, students pursue a deeper understanding of the institutions of American government. They compare systems of government in the world today and analyze the history and changing interpretations of the Constitution, the Bill of Rights, and the current state of the legislative, executive, and judiciary branches of government. An emphasis is placed on analyzing the relationship among federal, state, and local governments, with particular attention paid to important historical documents. These standards represent the culmination of civic literacy as students prepare to vote, participate in community activities, and assume the responsibilities of citizenship.

AP Biology

SCHOOLS: Bullard, Edison, Hoover, McLane, Roosevelt, Sunnyside
SUBJECT AREA: Science
a-g DESIGNATION: d - Laboratory Science
GRADES: 11, 12
PREREQUISITE: Biology, concurrent enrollment in Chemistry

AP Biology is designed to be the equivalent of a two-semester college introductory biology course. The course aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with

the rapidly changing science of biology. To review specific AP course credit, visit www.collegeboard.org; see counselor for information.

AP Calculus AB

SCHOOLS:	Bullard, Duncan, Edison, Hoover, McLane, Roosevelt, Sunnyside
SUBJECT AREA:	Mathematics
a-g DESIGNATION:	c - Mathematics
GRADES:	11, 12
PREREQUISITE:	Trigonometry/Pre Calculus

This course emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed geometrically, numerically, analytically, and verbally. To review specific AP course credit, visit www.collegeboard.org; see counselor for information.

AP Calculus BC

SCHOOLS:	Bullard, Edison, Hoover, McLane
SUBJECT AREA:	Mathematics
a-g DESIGNATION:	c - Mathematics
GRADES:	11, 12
PREREQUISITE:	None

AP Calculus BC is an extension of AP Calculus AB and focuses on more advanced topics. This course emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed geometrically, numerically, analytically, and verbally. To review specific AP course credit, visit www.collegeboard.org; see counselor for information.

AP Chemistry

SCHOOLS:	Bullard, Edison, Hoover, McLane, Sunnyside
SUBJECT AREA:	Science
a-g DESIGNATION:	d - Laboratory Science
GRADES:	11, 12
PREREQUISITE:	Biology and Chemistry

AP Chemistry is designed to be the equivalent of the general chemistry course usually taken during the first year of college. The course will provide students with a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems and should prepare them to undertake second-year work in the chemistry sequence. The emphasis of AP Chemistry is on chemical calculations, the mathematical formulation of principles, and extensive chemistry laboratory experience. Option to earn college credit in high school; see instructor for information. To review specific AP course credit, visit www.collegeboard.org; see counselor for information.

AP Computer Science A

SCHOOLS:	Bullard, Edison, Sunnyside
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	11, 12
PREREQUISITE:	None

AP Computer Science course is designed as a collegiate-level introductory course in computer science. The course will emphasize the development of computer programs or parts of programs that correctly solve a given problem and the design issue that make programs understandable, adaptable, and, when appropriate, reusable. All student responses involving code on the Advanced Placement examination must be written in Java. To review specific AP course credit, visit www.collegeboard.org; see counselor for information.

AP Computer Science Principles

SCHOOLS:	Bullard, Cambridge, DeWolf, Duncan, Edison, Patino, Roosevelt
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	10, 11, 12
PREREQUISITE:	None

AP Computer Science Principles is equivalent to a first-semester introductory college computing course. In this course, students will develop computational thinking vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusion from trends. Students are encouraged to think creatively while using computer software and other technology to explore questions that interest them. To review specific AP course credit, visit www.collegeboard.org; see counselor for information.

AP English Language & Composition

SCHOOLS:	Bullard, Design Science, Duncan, Edison, Hoover, McLane, Roosevelt, Sunnyside
SUBJECT AREA:	English
a-g DESIGNATION:	b - English
GRADES:	11, 12
PREREQUISITE:	None

This course focuses on the improvement of students' abilities to read closely and analyze linguistic choices in complex texts and on the development of writers that demonstrate their aptitude in the elements of rhetoric. Students will be engaged in varied reading across modes and genres covering a variety of topics with the goal of learning about the choices writers make regarding text in order to serve their purpose. In addition, students will be honing their writing skills as they become more aware of the rhetorical devices available to them when writing literary analysis, arguments, and research. To review specific AP course credit, visit www.collegeboard.org; see counselor for information.

AP English Literature & Composition

SCHOOLS:	Bullard, Duncan, Edison, Hoover, McLane, Roosevelt, Sunnyside
SUBJECT AREA:	English
a-g DESIGNATION:	b - English
GRADES:	12
PREREQUISITE:	AP Language and Composition recommended

AP Literature covers a wide breadth of topics and skills, including: diction and language style analysis, forms of discourse and the refining of rhetorical style for effect. Students engage in critical reading and analysis of imaginative literature of representative works from various genres and periods. To review specific AP course credit, visit www.collegeboard.org; see counselor for information.

AP European History

SCHOOLS:	Bullard, Duncan, McLane, Roosevelt, Sunnyside
SUBJECT AREA:	History/Social Science
a-g DESIGNATION:	a - History/Social Science
GRADES:	10
PREREQUISITE:	None

The study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. In addition to providing a basic narrative of events and movements, the goals of the AP program in European History are to develop (1) an understanding of some of the principle themes in modern European History, (2) an ability to analyze historical evidence and historical interpretation, and (3) an ability to express historical understanding in writing. To review specific AP course credit, visit www.collegeboard.org; see counselor for information.

AP Government And Politics US

SCHOOLS:	Bullard, Duncan, Edison, Hoover, McLane, Roosevelt, Sunnyside
SUBJECT AREA:	History/Social Science
a-g DESIGNATION:	a - History/Social Science
GRADES:	12
PREREQUISITE:	None

The AP Government & Politics United States course provides an analytical perspective on government and politics in the United States. This course involves both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. political reality. To review specific AP course credit, visit www.collegeboard.org; see counselor for information.

AP Human Geography

SCHOOLS:	Bullard, Duncan, Edison, Hoover, McLane, Patino, Roosevelt, Sunnyside
SUBJECT AREA:	History/Social Science
a-g DESIGNATION:	a - History/Social Science
GRADES:	9, 10, 11, 12
PREREQUISITE:	None

The purpose of the AP course in Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. To review specific AP course credit, visit www.collegeboard.org; see counselor for information.

AP Music Theory

SCHOOLS:	Bullard, McLane, Roosevelt, Sunnyside
SUBJECT AREA:	Visual and Performing Arts
a-g DESIGNATION:	f - Visual and Performing Arts (VAPA)
GRADES:	10, 11, 12
PREREQUISITE:	Students must be able to play a standard instrument and read/sing music

Class will concentrate on the elements of chord construction and music composition and applying these features to the creation of original works in a small musical form. Small ensembles will be combined to play student's own works. Units in conducting and music history are also included. To review specific AP course credit, visit www.collegeboard.org; see counselor for information.

AP Physics C: Mechanics

SCHOOLS:	Bullard, Edison
SUBJECT AREA:	Science
a-g DESIGNATION:	d - Laboratory Science
GRADES:	11, 12
PREREQUISITE:	Physics and completion or concurrent enrollment in calculus

In the typical Physics C course, roughly one-half year is devoted to mechanics. Use of calculus in problem solving and in derivations is expected to increase as the course progresses. In the second half of the C course, the primary emphasis is on classical electricity and magnetism. Calculus is used freely in formulating principles and in solving problems. This is equivalent to a full-year college-level course for students pursuing careers in engineering, mathematics, physics, astronomy, chemistry, geology, electronics, computers, etc. Laboratory work is emphasized. To review specific AP course credit, visit www.collegeboard.org; see counselor for information.

AP Physics I

SCHOOLS:	Bullard, Duncan, Edison, Roosevelt
SUBJECT AREA:	Science

a-g DESIGNATION:	d - Laboratory Science
GRADES:	10, 11, 12
PREREQUISITE:	None

AP Physics 1 is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry based learning, students will develop scientific critical thinking and reasoning skills.

AP Psychology

SCHOOLS:	Bullard, Edison, Hoover, McLane, Sunnyside
SUBJECT AREA:	History/Social Science
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	11, 12
PREREQUISITE:	None

The purpose of the AP course in Psychology is to introduce the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students will be exposed to topics including a consideration of the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They will also learn about the ethics and methods psychologists use in their science and practice. To review specific AP course credit, visit www.collegeboard.org; see counselor for information.

AP Spanish Language

SCHOOLS:	Bullard, Duncan, Edison, Fresno, Hoover, McLane, Roosevelt, Sunnyside
SUBJECT AREA:	Language Other Than English
a-g DESIGNATION:	e - Language Other Than English (LOTE)
GRADES:	9, 10, 11, 12
PREREQUISITE:	Spanish IV, Spanish for Native Speakers II or instructor recommendation

This college-level course emphasizes the use of spoken language, written language and listening comprehension. Students will prepare for the AP Spanish Language Examination through discussion, debates, dramatizations, taped exercises, poetry, plays, and novels. To review specific AP course credit, visit www.collegeboard.org; see counselor for information. Students who are successful in this course will be encouraged to enroll in AP Spanish Literature the following year. Course is conducted in the target language.

AP Spanish Literature

SCHOOLS:	Bullard, Edison, Hoover, McLane, Roosevelt, Sunnyside
SUBJECT AREA:	Language Other Than English
a-g DESIGNATION:	e - Language Other Than English (LOTE)
GRADES:	10, 11, 12
PREREQUISITE:	AP Spanish Language or instructor recommendation

AP Spanish Literature is a college-level course with in-depth instruction and practice in written composition and literature. To review specific AP course credit, visit www.collegeboard.org; see counselor for information. Course is conducted in the target language.

AP Statistics

SCHOOLS:	Bullard, Edison, Hoover, McLane, Roosevelt, Sunnyside
SUBJECT AREA:	Mathematics
a-g DESIGNATION:	c - Mathematics
GRADES:	12
PREREQUISITE:	Algebra II

This course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students explore data, plan a study, anticipate patterns, and draw statistical inferences. To review specific AP course credit, visit www.collegeboard.org; see counselor for information.

AP United States History

SCHOOLS:	Bullard, Duncan, Edison, Hoover, McLane, Roosevelt, Sunnyside
SUBJECT AREA:	History/Social Science
a-g DESIGNATION:	a - History/Social Science
GRADES:	11
PREREQUISITE:	None

The AP program in United States History is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials from the pre-Columbian era to the present. Students will learn to assess historical materials -- their relevance to a given interpretive problem, their reliability, and their importance -- and to weigh the evidence and interpretations presented in historical scholarship. An AP United States History course should thus develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in an essay format. To review specific AP course credit, visit www.collegeboard.org; see counselor for information.

Art I

SCHOOLS:	Bullard, Cambridge, De Wolf, Edison, Fresno, Hoover, J.E. Young, McLane, Phoenix, Roosevelt, Sunnyside
SUBJECT AREA:	Visual and Performing Arts
a-g DESIGNATION:	f - Visual and Performing Arts (VAPA)
GRADES:	9, 10, 11, 12
PREREQUISITE:	None

Students learn the basics of art, develop drawing skills, learn to work with many kinds of art materials, learn how to mix and use color, gain a working vocabulary of art terms, and use the elements and principles of design to create original artworks. Art history is introduced. Students work in drawing, painting, collage, and printmaking. Art I is the prerequisite for all advanced two-dimensional courses.

Art II

SCHOOLS:	Bullard, Edison, Fresno, Hoover, McLane, Roosevelt, Sunnyside
SUBJECT AREA:	Visual and Performing Arts
a-g DESIGNATION:	f - Visual and Performing Arts (VAPA)
GRADES:	9, 10
PREREQUISITE:	Art I

This course is designed for students who wish to explore a variety of media such as printmaking, fibers and fabrics, clay, pastels, and paints, while emphasizing drawing skills.

Behavioral Health Internship (HSMT-MBH)

SCHOOLS:	"Bullard, Cambridge, Design Science, De Wolf, Duncan, Edison, Fresno, Hoover, J.E. Young, McLane, Patino, Phoenix, Roosevelt, Sunnyside"
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	11,12
PREREQUISITE:	None

An internship is a work-based learning experience that provides students the opportunity to apply their technical and academic skills in a professional setting. Students will develop and practice an understanding the duties and responsibilities of high-skilled career areas, including terminology, climate, protocol, and other information that will

enable them to analyze and revise their meaningful future plans. This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. The internship is supported with activities and assignments to deepen and enhance the experience. The structure of the internship aligns with local policy and program expectations for internships

Biology / Biology GATE

SCHOOLS:	Bullard, Cambridge, De Wolf, Duncan, Design Science, Edison, Fresno, Hoover, J.E. Young, McLane, Patino, Phoenix, Roosevelt, Sunnyside
SUBJECT AREA:	Science
a-g DESIGNATION:	d - Laboratory Science
GRADES:	9, 10
PREREQUISITE:	None

Biology topics include the nature of science; the chemical basis of life; cell biology; genetics; ecology; evolution; and physiology. Students will also learn science laboratory safety; use the scientific method; participate in investigations and experiments; and use various tools and instrumentation in the biology laboratory. ---Students in a Biology GATE section will study the standards in greater depth, with a focus on pre-AP/ pre-IB strategies and in preparation for future advanced coursework.

Biotechnology Internship (HSMT-B)

SCHOOLS:	Bullard, Cambridge, Design Science, De Wolf, Duncan, Edison, Fresno, Hoover, J.E. Young, McLane, Patino, Phoenix, Roosevelt, Sunnyside
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	11,12
PREREQUISITE:	None

This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. An internship is a work-based learning experience that provides students the opportunity to apply their technical and academic skills in a professional setting. Students will develop and practice an understanding the duties and responsibilities of high-skilled career areas, including terminology, climate, protocol, and other information that will enable them to analyze and revise their meaningful future plans. This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. The internship is supported with activities and assignments to deepen and enhance the experience. The structure of the internship aligns with local policy and program expectations for internships

Brass Ensemble

SCHOOLS:	Bullard
SUBJECT AREA:	Visual and Performing Arts
a-g DESIGNATION:	f - Visual and Performing Arts (VAPA)
GRADES:	9, 10, 11, 12
PREREQUISITE:	None

This class concentrates on the techniques of brass instruments as they relate to the Wind Ensemble, Symphonic Band, Concert Band and/or Orchestra. Problems of rhythms, key signatures, proper breathing, correct embouchure, and all other aspects of brass musicianship are addressed. The class performs as a separate ensemble or as a section within other performing groups. Public performances are scheduled according to the progress and abilities of the group as determined by the instructor.

Building Trades and Construction Internship (BCT-RCC)

SCHOOLS:	Bullard, Cambridge, Design Science, De Wolf, Duncan, Edison, Fresno, Hoover, J.E. Young, McLane, Patino, Phoenix, Roosevelt, Sunnyside
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SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	11,12
PREREQUISITE:	None

This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. An internship is a work-based learning experience that provides students the opportunity to apply their technical and academic skills in a professional setting. Students will develop and practice an understanding the duties and responsibilities of high-skilled career areas, including terminology, climate, protocol, and other information that will enable them to analyze and revise their meaningful future plans. This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. The internship is supported with activities and assignments to deepen and enhance the experience. The structure of the internship aligns with local policy and program expectations for internships.

Ceramics I

SCHOOLS:	Bullard, Fresno, McLane, Roosevelt, Sunnyside
SUBJECT AREA:	Visual and Performing Arts
a-g DESIGNATION:	f - Visual and Performing Arts (VAPA)
GRADES:	9, 10, 11, 12
PREREQUISITE:	None

This course focuses on basic techniques for making creative ceramic pieces. Students learn basic formation techniques: pinch, coiling, slab and wheel throwing, decoration, glazing, and firing procedures. Slip pouring into molds is not part of the ceramics course. Instruction in wheel throwing and more complex techniques is given individually. Students study historic works and make original pieces based on research.

Ceramics II

SCHOOLS:	Bullard, Fresno, Roosevelt, Sunnyside
SUBJECT AREA:	Visual and Performing Arts
a-g DESIGNATION:	f - Visual and Performing Arts (VAPA)
GRADES:	10, 11, 12
PREREQUISITE:	Ceramics I

This course is designed for the study of advanced techniques in the formation and glazing of hand-built and wheel-thrown projects. Students analyze aesthetic qualities of their own and other's work in written and oral form. Students research historical and cultural influences and apply attributes to their own work.

Chemistry / Chemistry Honors

SCHOOLS:	Bullard, Design Science, DeWolf, Duncan, Edison, Fresno, Hoover, McLane, Phoenix, Patino, Roosevelt, Sunnyside
SUBJECT AREA:	Science
a-g DESIGNATION:	d - Laboratory Science
GRADES:	10, 11, 12
PREREQUISITE:	Biology and Algebra I

This course includes instruction in: atomic and molecular structure; chemical bonds; conservation of matter and stoichiometry, gases and their properties, solutions, chemical thermodynamics, reaction rates, acids and bases, nuclear processes, chemical equilibrium, and organic chemistry and biochemistry. Students will also learn science laboratory safety, use the scientific method, participate in investigations and experiments, and use various tools and instrumentation. ---Honors-level courses must have a comprehensive final examination or a substantive, culminating project. The purpose of the final exam/project is for students to exhibit depth of knowledge and sustained mastery of subject material.

Cinematography

SCHOOLS:	Bullard, Hoover, McLane, Sunnyside
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	f - Visual and Performing Arts (VAPA)
GRADES:	10, 11, 12
PREREQUISITE:	None

Cinematography students learn videography, 3D graphics, animation and interactive multimedia, and advanced techniques in recording and editing. Students utilize equipment under a variety of technological conditions, produce and evaluate hard and digitalized copy, create a portfolio of work, and demonstrate an understanding of technology and career opportunities in the field of videography. Option to earn college credit in high school; see instructor for information.

Comprehensive Ethnic Studies

SCHOOLS:	Bullard, Cambridge, Design Science, De Wolf, Duncan, Edison, Fresno, Hoover, J.E. Young, McLane, Patino, Phoenix, Roosevelt, Sunnyside
SUBJECT AREA:	History/Social Science
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	9,10,11,12
PREREQUISITE:	None

Comprehensive Ethics Studies defines as “the critical and interdisciplinary studies of race, ethnicity, and indigeneity with a focus on the experiences and perspectives of people of color (African American, Asian American, Chicanx – Latinx, and Native American and Indigenous People) within and beyond the United States.” Within the Comprehensive Ethnic Studies Course, students will specifically analyze, “the ways in which race and racism have been and continue to be powerful social, cultural, and political forces and their connections to other axes of stratification, including gender, class, sexuality, and legal status.” (The Department of Ethnic Studies at UC Berkeley)

Computer Science and Software Engineering (PLTW)

SCHOOLS:	Bullard, Edison
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	9, 10
PREREQUISITE:	None

The course aims to develop computational thinking, to generate excitement about the field of computing, and to introduce computational tools that foster creativity. The course also aims to build students' awareness of the tremendous demand for computer specialists and for professionals in all fields who have computational skills. Each unit focuses on one or more computationally intensive career paths. Projects and problems include app development, visualization of data, cybersecurity, and simulation.

Concert Band

SCHOOLS:	Bullard, Edison, Fresno, Hoover, McLane, Sunnyside
SUBJECT AREA:	Visual and Performing Arts
a-g DESIGNATION:	f - Visual and Performing Arts (VAPA)
GRADES:	9, 10, 11, 12
PREREQUISITE:	Level II proficiency

Concert Band is open to any student demonstrating Level II proficiency or higher. Students in this course will further develop their skills in reading music, performance and music theory. This class is designed to provide instruction for accomplishing Level IV of this Fresno Unified course of study and appropriate California Music Standards. Regular practices, public performances and competitions after school, at night and/or on weekends may comprise activities of

this group and are scheduled according to the progress and abilities of the group as determined by the instructor. Marching band experiences and performances may comprise a portion of the activities of this group.

Concert Choir Advanced

SCHOOLS:	Bullard, Fresno, McLane
SUBJECT AREA:	Visual and Performing Arts
a-g DESIGNATION:	f - Visual and Performing Arts (VAPA)
GRADES:	9, 10, 11, 12
PREREQUISITE:	Beginning High School Choral Ensemble and/or instructor permission

The Advanced High School Choral Ensembles are for the highly motivated and musically-talented students. These ensembles are capable of performing at the highest level of proficiency. Students show continuous evidence of ability to utilize independent vocal study and practice. Public performances are scheduled according to the progress and abilities of the group as determined by the instructor.

Concert Choir Beginning

SCHOOLS:	Bullard, Edison, McLane
SUBJECT AREA:	Visual and Performing Arts
a-g DESIGNATION:	f - Visual and Performing Arts (VAPA)
GRADES:	9, 10, 11, 12
PREREQUISITE:	Beginning High School Choral Ensemble and/or instructor permission

High School Beginning Choral Ensembles present a study of choral literature leading to the development of musicianship and proficiency choral in ensemble performance. Emphasis will be placed upon vocal techniques and sight singing through concentrated rehearsals. Public performances are scheduled according to the progress and abilities of the group as determined by the instructor.

Contemporary Law

SCHOOLS:	Bullard
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	10, 11, 12
PREREQUISITE:	None

The student will learn legal rights and responsibilities through speakers, debates, and mock trials. The student will learn about law as it relates to the individual and to business; its history, its natures and types, and its place in society. The student will gain knowledge of legal problems and develop the ability to analyze, evaluate, and resolve legal disputes.

Criminal Justice And Law

SCHOOLS:	Bullard
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	9
PREREQUISITE:	Enrollment in Law & Social Justice Pathway

Criminal Justice and Law provides students with an overview of the criminal and juvenile justice systems. Throughout the course, they explore the meaning of crime and justice, and the relationship between criminal justice and social justice. Students learn how and why the criminal justice system functions. Students also learn about advocacy and policy by researching how individuals and groups, including young people, can take action to reform our legal system.

Design And Marketing

SCHOOLS:	Bullard, Roosevelt
SUBJECT AREA:	Career Technical Education

a-g DESIGNATION:	f - Visual and Performing Arts (VAPA)
GRADES:	10, 11, 12
PREREQUISITE:	None

The Design and Marketing course provides an understanding of principles, theories, and elements of design. It introduces students to the language of Visual Arts through 21st century Technology. Students will engage in current social media marketing practice and include some historic practices in the creative field through a series of personal and creative activities, as well as develop an understanding of the cognitive marketing and branding solution for a given product, whether it is a commodity, apolitical idea, an instrument of social change, or an effort to recruit patronage or participation.

Digital Photography I

SCHOOLS:	Bullard, Duncan, Edison, Hoover, Sunnyside
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	f - Visual and Performing Arts (VAPA)
GRADES:	9, 10, 11, 12
PREREQUISITE:	Art 1

Digital Photography I course will include teaching basic DSLR camera operation, natural lighting, studio lighting, and observation skills required for taking digital images for publication in newspapers, wire services, websites, magazines on a deadline basis, and portraiture as needed to build a successful business. This course teaches photography history and principles, as well as basic camera techniques, photo composition, and photo editing. Students will also be taught lens selection, timing for expression and/or peak action and composition as well as picture story planning and techniques. Part of class time each week will be spent in a lab setting working on image manipulation using Photoshop and Lightroom, and the industry standards for photo editing. Photography is the art of telling the story of the human experience. This particular course will focus on telling the stories of our community through photographs.

Economics

SCHOOLS:	Bullard, Cambridge, De Wolf, Duncan, Design Science, Edison, Fresno, Hoover, J.E. Young, McLane, Roosevelt, Sunnyside
SUBJECT AREA:	History/Social Science
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	12
PREREQUISITE:	None

Students not only master fundamental economic concepts, but also apply the tools of an economist (graphs, statistics, and equations). Initially introduced in other curricular areas, these tools support student understanding of operations and institutions of economic systems. Studied in a historic context are the basic economic principles of micro-and macroeconomics, international economics, comparative economic systems, measurement, and methods.

Education and Child Development Internship (ECDFS-E)

SCHOOLS:	Bullard, Cambridge, Design Science, De Wolf, Duncan, Edison, Fresno, Hoover, J.E. Young, McLane, Patino, Phoenix, Roosevelt, Sunnyside
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	11,12
PREREQUISITE:	None

This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. An internship is a work-based learning experience that provides students the opportunity to apply their technical and academic skills in a professional setting. Students will develop and practice an understanding the duties and responsibilities of high-skilled career areas, including terminology, climate, protocol, and other information that will enable them to analyze and revise their meaningful future plans. This course will expose students to the career

readiness skills needed for a successful internship and prepare them for the world of work. The internship is supported with activities and assignments to deepen and enhance the experience. The structure of the internship aligns with local policy and program expectations for internships

Engineering and Project Management Intership (EA-ET)

SCHOOLS:	Bullard, Cambridge, Design Science, De Wolf, Duncan, Edison, Fresno, Hoover, J.E. Young, McLane, Patino, Phoenix, Roosevelt, Sunnyside
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	11,12
PREREQUISITE:	None

This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. An internship is a work-based learning experience that provides students the opportunity to apply their technical and academic skills in a professional setting. Students will develop and practice an understanding the duties and responsibilities of high-skilled career areas, including terminology, climate, protocol, and other information that will enable them to analyze and revise their meaningful future plans. This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. The internship is supported with activities and assignments to deepen and enhance the experience. The structure of the internship aligns with local policy and program expectations for internships

English I / English I GATE

SCHOOLS:	Bullard, Cambridge, De Wolf, Duncan, Design Science, Edison, Fresno, Hoover, J.E. Young, McLane, Patino, Phoenix, Roosevelt, Sunnyside
SUBJECT AREA:	English
a-g DESIGNATION:	b - English
GRADES:	9
PREREQUISITE:	None

English I is a course based on the California State Standards for ELA/Literacy. It guides the student through the process of text analysis, study of the author's craft, vocabulary development, refinement of academic writing skills, and the development of critical thinking skills to ensure the student is college and career ready. A student in this course engages in close reading and analysis of a wide variety of literary and non-fiction texts at complexity levels prescribed by the State of California for Freshmen English Language Arts and Literacy. ---Students in an English I GATE section will study the standards in greater depth, with a focus on pre-AP/ pre-IB strategies and in preparation for future advanced coursework.

English II / English II GATE

SCHOOLS:	Bullard, Cambridge, De Wolf, Duncan, Design Science, Edison, Fresno, Hoover, J.E. Young, McLane, Patino, Phoenix, Roosevelt, Sunnyside
SUBJECT AREA:	English
a-g DESIGNATION:	b - English
GRADES:	10
PREREQUISITE:	None

English II is a course based on the California State Standards for ELA/ Literacy. It guides the student through the process of text analysis, study of the author's craft, vocabulary development, refinement of academic writing skills, and the development of critical thinking skills to ensure the student is college and career ready. A student in this course engages in close reading and analysis of a wide variety of literary and non-fiction texts at complexity levels prescribed by the State of California for Sophomore English Language Arts and Literacy. ---Students in an English II GATE section will study the standards in greater depth, with a focus on pre-AP/ pre-IB strategies and in preparation for future advanced coursework.

English III / English III Honors

SCHOOLS:	Bullard, Cambridge, De Wolf, Duncan, Hoover, J.E. Young, McLane, Roosevelt, Sunnyside
SUBJECT AREA:	English
a-g DESIGNATION:	b - English
GRADES:	11
PREREQUISITE:	English II GATE

English III is a course based on the California State Standards for ELA/Literacy. It guides the student through the process of text analysis, study of the author's craft, vocabulary development, refinement of academic writing skills, and the development of critical thinking skills to ensure the student is college and career ready. A student in this course engages in close reading and analysis of a wide variety of literary and non-fiction texts at complexity levels prescribed by the State of California for Junior English Language Arts and Literacy. ---Honors-level courses must have a comprehensive final examination or a substantive, culminating project. The purpose of the final exam/ project is for students to exhibit depth of knowledge and sustained mastery of subject material.

Entrepreneurship Internship (MSS-ESE)

SCHOOLS:	Bullard, Cambridge, Design Science, De Wolf, Duncan, Edison, Fresno, Hoover, J.E. Young, McLane, Patino, Phoenix, Roosevelt, Sunnyside
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	11,12
PREREQUISITE:	None

This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. An internship is a work-based learning experience that provides students the opportunity to apply their technical and academic skills in a professional setting. Students will develop and practice an understanding the duties and responsibilities of high-skilled career areas, including terminology, climate, protocol, and other information that will enable them to analyze and revise their meaningful future plans. This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. The internship is supported with activities and assignments to deepen and enhance the experience. The structure of the internship aligns with local policy and program expectations for internships.

Expository Reading & Writing

SCHOOLS:	Bullard, Duncan, Edison, Hoover, McLane, Phoenix, Roosevelt, Sunnyside
SUBJECT AREA:	English
a-g DESIGNATION:	b - English
GRADES:	12
PREREQUISITE:	None

This course is for college-bound seniors needing to prepare specifically for the literacy demands of higher education. It is a standards aligned course designed to develop advanced proficiencies in expository, analytical, and argumentative reading and writing. Students read, comprehend, and respond to non-fiction and literary texts. Course texts include fiction, contemporary essays, newspaper and magazine articles, editorials, reports, biographies, memos, assorted public documents, and other non-fiction texts.

Fashion Design and Merchandising Internship (FID-FDM)

SCHOOLS:	Bullard, Cambridge, Design Science, De Wolf, Duncan, Edison, Fresno, Hoover, J.E. Young, McLane, Patino, Phoenix, Roosevelt, Sunnyside
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	11,12
PREREQUISITE:	None

This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. An internship is a work-based learning experience that provides students the opportunity to apply their technical and academic skills in a professional setting. Students will develop and practice an understanding the duties and responsibilities of high-skilled career areas, including terminology, climate, protocol, and other information that will enable them to analyze and revise their meaningful future plans. This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. The internship is supported with activities and assignments to deepen and enhance the experience. The structure of the internship aligns with local policy and program expectations for internships.

Financial Services Internship (BF-FS)

SCHOOLS:	Bullard, Cambridge, Design Science, De Wolf, Duncan, Edison, Fresno, Hoover, J.E. Young, McLane, Patino, Phoenix, Roosevelt, Sunnyside
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	11,12
PREREQUISITE:	None

This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. An internship is a work-based learning experience that provides students the opportunity to apply their technical and academic skills in a professional setting. Students will develop and practice an understanding the duties and responsibilities of high-skilled career areas, including terminology, climate, protocol, and other information that will enable them to analyze and revise their meaningful future plans. This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. The internship is supported with activities and assignments to deepen and enhance the experience. The structure of the internship aligns with local policy and program expectations for internships

Food Service and Nutrition Internship (HTR-FSDN)

SCHOOLS:	Bullard, Cambridge, Design Science, De Wolf, Duncan, Edison, Fresno, Hoover, J.E. Young, McLane, Patino, Phoenix, Roosevelt, Sunnyside
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	11,12
PREREQUISITE:	None

This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. An internship is a work-based learning experience that provides students the opportunity to apply their technical and academic skills in a professional setting. Students will develop and practice an understanding the duties and responsibilities of high-skilled career areas, including terminology, climate, protocol, and other information that will enable them to analyze and revise their meaningful future plans. This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. The internship is supported with activities and assignments to deepen and enhance the experience. The structure of the internship aligns with local policy and program expectations for internships

Forensic Research And Biotechnology

SCHOOLS:	Bullard
SUBJECT AREA:	Science
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	11, 12
PREREQUISITE:	None

Students use hands-on investigative science techniques to solve intriguing problems involving the law. Scientific evidence, DNA, fingerprinting, physical evidence, crime scene reconstruction, and biotechnology are used to create a picture of what happened in the past. Recommended prerequisites: "C" or better in Biology, Algebra I and English.

Forensics I-IV

SCHOOLS:	Bullard, McLane
SUBJECT AREA:	Specialty Courses
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	9, 10, 11, 12
PREREQUISITE:	None

Forensics is a course in competitive speech which provides the student with the opportunity to manifest oral skills through preparation for, and participation in interscholastic speech. A variety of speech events provide exposure to acting with humorous or dramatic interpretations: research skills with original events and critical analysis with writing in preparation for events. The course also encourages a creative outlet for young writers with a prose/poetry emphasis.

General Internship

SCHOOLS:	Bullard, Cambridge, Design Science, De Wolf, Duncan, Edison, Fresno, Hoover, J.E. Young, McLane, Patino, Phoenix, Roosevelt, Sunnyside
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	11,12
PREREQUISITE:	None

An internship is a work-based learning experience that provides students the opportunity to apply their technical and academic skills in a professional setting. Students will develop and practice an understanding the duties and responsibilities of high-skilled career areas, including terminology, climate, protocol, and other information that will enable them to analyze and revise their meaningful future plans. This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. The internship is supported with activities and assignments to deepen and enhance the experience. The structure of the internship aligns with local policy and program expectations for internships.

Geometry / Geometry Accelerated

SCHOOLS:	Bullard, Cambridge, De Wolf, Duncan, Design Science, Edison, Fresno, Hoover, J.E. Young, McLane, Patino, Phoenix, Roosevelt, Sunnyside
SUBJECT AREA:	Mathematics
a-g DESIGNATION:	c - Mathematics
GRADES:	9, 10, 11, 12
PREREQUISITE:	Algebra I

This course is designed to give the students an understanding of the facts about geometrical figures and an appreciation of their presence in nature, architecture, etc. Emphasis is placed on development or reasoning ability, deduction, and proofs. Angles, triangles, areas, volumes, perpendicular lines and planes, parallels, congruency, similarity, construction, loci, arcs, circles, coordinate geometry, and polygons are studied. ---Students in a Geometry Accelerated will explore Geometry in greater depth to include additional Trigonometry standards, with a focus on pre-AP/ pre-IB strategies and in preparation for future advanced coursework.

German I

SCHOOLS:	Bullard
SUBJECT AREA:	Language Other Than English
a-g DESIGNATION:	e - Language Other Than English (LOTE)
GRADES:	9, 10

PREREQUISITE: None

The emphasis in this beginning German course is learning to speak the language in practical situations and serves as an introduction to the culture and customs of German-speaking people. Limited reading and writing will be included. Course is conducted in the target language as much as possible.

German II

SCHOOLS: Bullard
SUBJECT AREA: Language Other Than English
a-g DESIGNATION: e - Language Other Than English (LOTE)
GRADES: 10, 11, 12
PREREQUISITE: German I or instructor recommendation

This course is a continuation of spoken German and the study of the customs and culture of Germany. Reading and writing as well as online-based activities is included. Course is conducted in the target language.

German III

SCHOOLS: Bullard
SUBJECT AREA: Language Other Than English
a-g DESIGNATION: e - Language Other Than English (LOTE)
GRADES: 10, 11, 12
PREREQUISITE: German II or instructor recommendation

This course is an advanced study of German and German-speaking cultures and incorporates extensive reading and writing. Students who are successful in this course will be encouraged to enroll the following year in Advanced Placement German Language or German IV. Course is conducted in the target language.

Health Science Internship (HSMT-PC)

SCHOOLS: Bullard, Cambridge, Design Science, De Wolf, Duncan, Edison, Fresno, Hoover, J.E. Young, McLane, Patino, Phoenix, Roosevelt, Sunnyside
SUBJECT AREA: Career Technical Education
a-g DESIGNATION: g - College Preparatory Elective
GRADES: 11,12
PREREQUISITE: None

This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. An internship is a work-based learning experience that provides students the opportunity to apply their technical and academic skills in a professional setting. Students will develop and practice an understanding the duties and responsibilities of high-skilled career areas, including terminology, climate, protocol, and other information that will enable them to analyze and revise their meaningful future plans. This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. The internship is supported with activities and assignments to deepen and enhance the experience. The structure of the internship aligns with local policy and program expectations for internships.

Heavy Trucks and Auto Service Internship (T-SDSR)

SCHOOLS: Bullard, Cambridge, Design Science, De Wolf, Duncan, Edison, Fresno, Hoover, J.E. Young, McLane, Patino, Phoenix, Roosevelt, Sunnyside
SUBJECT AREA: Career Technical Education
a-g DESIGNATION: g - College Preparatory Elective
GRADES: 11,12
PREREQUISITE: None

An internship is a work-based learning experience that provides students the opportunity to apply their technical and academic skills in a professional setting. Students will develop and practice an understanding the duties and

responsibilities of high-skilled career areas, including terminology, climate, protocol, and other information that will enable them to analyze and revise their meaningful future plans. This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. The internship is supported with activities and assignments to deepen and enhance the experience. The structure of the internship aligns with local policy and program expectations for internships.

Hmong For Heritage Speakers I

SCHOOLS:	Bullard, Duncan, Edison, Fresno, Hoover, McLane, Roosevelt, Sunnyside
SUBJECT AREA:	Language Other Than English
a-g DESIGNATION:	e - Language Other Than English (LOTE)
GRADES:	9, 10, 11, 12
PREREQUISITE:	None

This course can accommodate students from a wide range of backgrounds, from those who are only culturally familiar with the Hmong language and traditions (i.e. are not able to speak fluently, and/or read or write at a very basic level) to those who are more proficient and/or fully literate in Hmong. The course focuses on the development of communicative competence in reading, writing, speaking, and listening by building on prior knowledge of the heritage speaker to emphasize the relationship between language and culture. Students will deepen their understanding of how the history of the Hmong people has shaped variations in dialect, tradition, and custom. Additionally, this course will serve as support to improve students' English language skills by building upon the linguistic resources and/or home language proficiency of Hmong students.

Hmong For Heritage Speakers II

SCHOOLS:	Bullard, Duncan, Edison, Fresno, Hoover, McLane, Roosevelt, Sunnyside
SUBJECT AREA:	Language Other Than English
a-g DESIGNATION:	e - Language Other Than English (LOTE)
GRADES:	10, 11, 12
PREREQUISITE:	Hmong for Heritage Speaker I or instructor recommendation

This the course will extend the learning from Hmong Heritage I with continued focus on the relationship between language and culture. Course goals include the improvement of oral language skills, as well as advancement in reading comprehension and writing ability.

Hmong For Heritage Speakers III

SCHOOLS:	Bullard, Cambridge, Design Science, De Wolf, Duncan, Edison, Fresno, Hoover, J.E. Young, McLane, Patino, Phoenix, Roosevelt, Sunnyside
SUBJECT AREA:	Language Other Than English
a-g DESIGNATION:	e - Language Other Than English (LOTE)
GRADES:	10, 11, 12
PREREQUISITE:	Hmong Heritage II

Hmong Heritage Speakers III is a continuation of Hmong Heritage Speakers II. This course will focus on using language and literacy skills through critical reading, writing, speaking, listening, & thinking to engage students in a study of social justice topics, Youth-led Participatory Action Research, and project-based/service learning. Topics of study relating to historical and contemporary Hmong history, culture, and social justice issues will be co-created by both students and teachers throughout the school year. Students will engage in whole-class, small-group, and personalized learning activities designed to continue building Hmong language and literacy skills; to deepend their understanding of Hmong history, culture, and contemporary issues in connection to other cultures in the larger community; and to analyze and respond to literary and informational texts. The course aims to help students develop important 21st Century learning skills, such as collaboration, communication, creativity, and critical thinking that are needed for academic success along with personal and community transformation.

Human Body Systems (PLTW)

SCHOOLS:	Bullard, Edison
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	d - Laboratory Science
GRADES:	10
PREREQUISITE:	Principles of Biomedical Science

Designed for students in the 2nd year of the Biomedical Pathway, students in this course will examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use software to monitor body functions. Exploring science in action, students build organs and tissues on a skeletal manikin, work through interesting real world cases and often play the roles of biomedical professionals to solve medical mysteries.

Information Support Services Internship (ICT-ISS)

SCHOOLS:	Bullard, Cambridge, Design Science, De Wolf, Duncan, Edison, Fresno, Hoover, J.E. Young, McLane, Patino, Phoenix, Roosevelt, Sunnyside
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	11,12
PREREQUISITE:	None

This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. An internship is a work-based learning experience that provides students the opportunity to apply their technical and academic skills in a professional setting. Students will develop and practice an understanding the duties and responsibilities of high-skilled career areas, including terminology, climate, protocol, and other information that will enable them to analyze and revise their meaningful future plans. This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. The internship is supported with activities and assignments to deepen and enhance the experience. The structure of the internship aligns with local policy and program expectations for internships

Jazz Band Advanced

SCHOOLS:	Bullard, Edison, Fresno, Hoover
SUBJECT AREA:	Visual and Performing Arts
a-g DESIGNATION:	f - Visual and Performing Arts (VAPA)
GRADES:	9, 10, 11, 12
PREREQUISITE:	Level III proficiency, audition, and/or permission of instructor

This course is a study of literature, rehearsal, and performance techniques of past and current popular-jazz music (fusion, funk, and Latin) with emphasis on techniques of improvisation and styles. It is open to students of advanced proficiency. Public performances are scheduled according to the progress and abilities of the group as determined by the instructor.

Jazz Band Beginning

SCHOOLS:	Bullard, Fresno, Hoover, Sunnyside
SUBJECT AREA:	Visual and Performing Arts
a-g DESIGNATION:	f - Visual and Performing Arts (VAPA)
GRADES:	9, 10, 11, 12
PREREQUISITE:	Audition and/or permission of instructor

This course is a study of the literature and performance techniques or past and present pop/jazz music with emphasis on correct style and feel. Improvisation will be introduced at this level. The course is recommended for instrumentalists with little or no jazz experience.

Journalism I-IV

SCHOOLS:	Bullard, Edison, Fresno, McLane
SUBJECT AREA:	English
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	9, 10, 11, 12
PREREQUISITE:	None

This course teaches students how to write for and read newspapers; it is a required course for those desiring to work for the school newspaper. Also included in the course are some specialized mass media writing techniques such as magazine, radio, television, and advertising. Advanced courses allow students to take part in the actual production and publication of the school newspaper. Each course includes advanced work in copy and proofreading, advertising techniques and business managing, make-up, all types of advanced newspaper writing, basic newspaper publishing techniques, specialized typesetting, press work and photography. Students enrolling in the course should be willing to spend extra time outside of class in completing the various aspects of publishing the newspaper.

Leadership in Law & Social Justice

SCHOOLS:	Bullard
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	12
PREREQUISITE:	None

Leadership in Law & Social Justice is the senior level capstone for our Law & Social Justice Linked Learning pathway. This course will focus on the development of skills and competencies that will allow them to maximize their options toward pursuing a career in legal services - whether that route is direct employment or post- secondary education/ training.

Legal Practices Internship (PS-LP)

SCHOOLS:	Bullard, Cambridge, Design Science, De Wolf, Duncan, Edison, Fresno, Hoover, J.E. Young, McLane, Patino, Phoenix, Roosevelt, Sunnyside
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	11,12
PREREQUISITE:	None

This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. An internship is a work-based learning This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work experience that provides students the opportunity to apply their technical and academic skills in a professional setting. Students will develop and practice an understanding the duties and responsibilities of high-skilled career areas, including terminology, climate, protocol, and other information that will enable them to analyze and revise their meaningful future plans. This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. The internship is supported with activities and assignments to deepen and enhance the experience. The structure of the internship aligns with local policy and program expectations for internships

Manufacturing and Product Development Internship (MPD-PID)

SCHOOLS:	Bullard, Cambridge, Design Science, De Wolf, Duncan, Edison, Fresno, Hoover, J.E. Young, McLane, Patino, Phoenix, Roosevelt, Sunnyside
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	11,12
PREREQUISITE:	None

This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. An internship is a work-based learning experience that provides students the opportunity to apply their technical and academic skills in a professional setting. Students will develop and practice an understanding the duties and responsibilities of high-skilled career areas, including terminology, climate, protocol, and other information that will enable them to analyze and revise their meaningful future plans. This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. The internship is supported with activities and assignments to deepen and enhance the experience. The structure of the internship aligns with local policy and program expectations for internships

Mariachi Band

SCHOOLS:	Bullard
SUBJECT AREA:	Visual and Performing Arts
a-g DESIGNATION:	f - Visual and Performing Arts (VAPA)
GRADES:	9,10,11,12
PREREQUISITE:	None

This is an introductory course designed to assist students with developing and enhancing professional musicianship skills through the study of music composed expressly for Mariachi Ensembles. In this setting, the ability to learn an instrument with basic technical proficiency and aesthetic sensitivity will be emphasized in preparation for a career in mariachi in real world settings. Students will encounter a wide range of Mexico's traditional music that will include Bolero, Ranchera, and Son.

Marketing Internship (MSS-M)

SCHOOLS:	Bullard, Cambridge, Design Science, De Wolf, Duncan, Edison, Fresno, Hoover, J.E. Young, McLane, Patino, Phoenix, Roosevelt, Sunnyside
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	11,12
PREREQUISITE:	None

This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. An internship is a work-based learning experience that provides students the opportunity to apply their technical and academic skills in a professional setting. Students will develop and practice an understanding the duties and responsibilities of high-skilled career areas, including terminology, climate, protocol, and other information that will enable them to analyze and revise their meaningful future plans. This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. The internship is supported with activities and assignments to deepen and enhance the experience. The structure of the internship aligns with local policy and program expectations for internships.

Marketing, Sales And Service

SCHOOLS:	Bullard
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	11, 12
PREREQUISITE:	None

This course is intended as a junior or senior capstone elective for students in Linked Learning Pathways. Combined with a one-hour lab, which is a functioning student store, students experience hands-on practice. The course integrates the communication and media demands of marketing careers with the communications skills expectations for post-secondary study in marketing or business. Students learn current theories and concepts in effectively marketing goods and services to identified target customers from a domestic and global perspective. Topics include market research,

identifying target customers, advertising, promotion, public relations, branding, pricing, marketing communications, selling and distribution channels.

Media Artist Internship (AME-DVMA)

SCHOOLS:	Bullard, Cambridge, Design Science, De Wolf, Duncan, Edison, Fresno, Hoover, J.E. Young, McLane, Patino, Phoenix, Roosevelt, Sunnyside
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	11,12
PREREQUISITE:	None

This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. An internship is a work-based learning experience that provides students the opportunity to apply their technical and academic skills in a professional setting. Students will develop and practice an understanding the duties and responsibilities of high-skilled career areas, including terminology, climate, protocol, and other information that will enable them to analyze and revise their meaningful future plans. This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. The internship is supported with activities and assignments to deepen and enhance the experience. The structure of the internship aligns with local policy and program expectations for internships

Medical Interventions (PLTW)

SCHOOLS:	Bullard, Edison
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	d - Laboratory Science
GRADES:	11
PREREQUISITE:	None

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

Modern World History / Modern World History GATE

SCHOOLS:	Bullard, Cambridge, De Wolf, Duncan, Design Science, Edison, Fresno, Hoover, J.E. Young, McLane, Patino, Phoenix, Sunnyside
SUBJECT AREA:	History/Social Science
a-g DESIGNATION:	a - History/Social Science
GRADES:	10
PREREQUISITE:	None

Students study major turning points that shaped the modern world, from the late eighteenth century to the present. Connections to the past are viewed through the rise of democratic ideas from ancient Greece to the influence of the enlightened thinkers on democratic revolutions. In addition, these significant historical events will be examined as they developed from political, economic, social, cultural and geographic factors. In all of this, emphasis will be placed on helping students understand the historical roots of current world issues. ---Students in a Modern World History GATE section will study the standards in greater depth, with a focus on pre-AP/ pre-IB strategies and in preparation for future advanced coursework.

Multimedia

SCHOOLS:	Bullard, Fresno, Hoover, McLane, Roosevelt, Phoenix, Sunnyside
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	f - Visual and Performing Arts (VAPA)

GRADES:	9, 10, 11, 12
PREREQUISITE:	None

Multimedia is an applied academic and theoretical base for graphic art design and multimedia creation. Students develop an understanding of design elements and principles, career possibilities, art history, 21st century artistic styles, and product graphic design. Students demonstrate their newly acquired understanding through research, written essays, written critiques, and the planning and creating of their own original computer graphics and multimedia works. Students then generate an original multimedia portfolio as their final project.

Music Production

SCHOOLS:	Bullard, Duncan
SUBJECT AREA:	Visual and Performing Arts
a-g DESIGNATION:	f - Visual and Performing Arts (VAPA)
GRADES:	9, 10, 11, 12
PREREQUISITE:	None

This course will provide students with a concise overview of the elements of music technology. This course will focus on Sound, Audio, MIDI, Synthesis and Sampling, and Computer Notation and Computer-Assisted Instruction.

Percussion Ensemble

SCHOOLS:	Bullard, Fresno, Hoover, McLane, Roosevelt, Sunnyside
SUBJECT AREA:	Visual and Performing Arts
a-g DESIGNATION:	f - Visual and Performing Arts (VAPA)
GRADES:	9, 10, 11, 12
PREREQUISITE:	Audition and concurrent enrollment in Marching Band

The Percussion Ensemble class is where percussionists from all performing groups (i.e., Latin Jazz Ensemble, Jazz Band, Steel Drum Band, Concert Band and Marching Band) develop their skills. Basic through advanced techniques of performing on various percussion instruments will be taught along with reading music, ear training, and rhythmic dictation. Other skills that will be emphasized include teamwork, setting up efficiently, and composing short rhythmic phrases.

Performing Arts Singers

SCHOOLS:	Bullard, Roosevelt
SUBJECT AREA:	Visual and Performing Arts
a-g DESIGNATION:	f - Visual and Performing Arts (VAPA)
GRADES:	9, 10, 11, 12
PREREQUISITE:	Beginning High School Choral Ensemble and/or permission of instructor

The Advanced High School Choral Ensembles are for the highly motivated and musically talented students. These ensembles are capable of performing at the highest level of proficiency. Students show continuous evidence of ability to utilize independent vocal study and practice. Students will meet Level IV expectations, moving to Level V of the Fresno Unified Course of Study and appropriate California Music Standards by the end of the school year. Public performances are scheduled according to the progress and abilities of the group as determined by the instructor.

Physics / Physics Honors

SCHOOLS:	Bullard, Duncan, Design Science, DeWolf, Edison, Fresno, Hoover, McLane, Patino, Roosevelt, Sunnyside
SUBJECT AREA:	Science
a-g DESIGNATION:	d - Laboratory Science
GRADES:	10, 11, 12
PREREQUISITE:	Completion or concurrent enrollment in Algebra I

Physics provides instruction in: the motion and forces, conservation of energy and momentum, heat and thermodynamics, waves, and electric and magnetic phenomena. Students will also learn science laboratory safety, use the scientific method, participate in investigations and experiments, and use various tools and instrumentation. --- Honors-level courses must have a comprehensive final examination or a substantive, culminating project. The purpose of the final exam/project is for students to exhibit depth of knowledge and sustained mastery of subject material.

Physiology

SCHOOLS:	Bullard, Edison, Duncan, Fresno, McLane, Sunnyside
SUBJECT AREA:	Science
a-g DESIGNATION:	d - Laboratory Science
GRADES:	10, 11
PREREQUISITE:	Biology

Human Physiology is a one-year laboratory-oriented course designed to develop an understanding of how the human organism is put together and how it functions. Physiology is a very valuable course for students planning careers in medicine, dentistry, pharmacy, physical therapy, nursing, and other health-related fields. The class is also important for students interested in science, technology, liberal arts, and physical education.

Principles Of Biomedical Science (PLTW)

SCHOOLS:	Bullard, Edison
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	d - Laboratory Science
GRADES:	9, 10
PREREQUISITE:	None

Students investigate the human body systems and various health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. They determine the factors that led to the death of a fictional person, and investigate lifestyle choices and medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, medicine, and research processes. This course is designed to provide an overview of all the courses in the Biomedical Sciences program and lay the scientific foundation for subsequent courses.

Principles Of Leadership

SCHOOLS:	Bullard, Cambridge, Duncan, Design Science, DeWolf, Edison, Fresno, Hoover, McLane, Roosevelt, Sunnyside
SUBJECT AREA:	Specialty Courses
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	9, 10, 11, 12
PREREQUISITE:	None

Students will be introduced to principles of leadership taught in a collaborative group setting. Students will be engaged in planning school wide engagement activities for the purpose of promoting a positive campus culture and climate. Student will learn about the critical importance of communication, personal and social responsibilities, student government, service learning and business aspects of student body organizations.

Probability & Statistics

SCHOOLS:	Bullard, Duncan, Design Science, DeWolf, Edison, Hoover, McLane, Roosevelt, Sunnyside
SUBJECT AREA:	Mathematics
a-g DESIGNATION:	c - Mathematics
GRADES:	12
PREREQUISITE:	Algebra II

The course is designed to address topics in elementary probability, descriptive analysis of single variable data, discrete and continuous probability distributions, sampling techniques, decision making, and bivariate analysis.

Psychology

SCHOOLS:	Bullard, Sunnyside
SUBJECT AREA:	History/Social Science
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	11, 12
PREREQUISITE:	None

Psychology deals with such topics as learning theory, problem solving, individual differences, personality, mental health, growth and development, sensation and perception, personal and social adjustment, measurement, marriage and the family, and parapsychology. Student-centered activities and goals are determined under the direction and supervision of the teacher.

Public Safety Internship (PS-PS)

SCHOOLS:	Bullard, Cambridge, Design Science, De Wolf, Duncan, Edison, Fresno, Hoover, J.E. Young, McLane, Patino, Phoenix, Roosevelt, Sunnyside
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	11,12
PREREQUISITE:	None

This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. An internship is a work-based learning experience that provides students the opportunity to apply their technical and academic skills in a professional setting. Students will develop and practice an understanding the duties and responsibilities of high-skilled career areas, including terminology, climate, protocol, and other information that will enable them to analyze and revise their meaningful future plans. This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. The internship is supported with activities and assignments to deepen and enhance the experience. The structure of the internship aligns with local policy and program expectations for internships

Race & Social Justice

SCHOOLS:	Bullard, Cambridge, DeWolf, Edison, Fresno, Hoover, McLane, Sunnyside
SUBJECT AREA:	History/Social Science
a-g DESIGNATION:	a - History/Social Science
GRADES:	11, 12
PREREQUISITE:	None

This course is designed to meet the standards by viewing U.S. History through different perspectives. This course looks at the role different races, minorities, and ethnicities played in history. For example, rather than simply discussing the effect of the Great Depression on Americans in general, we will look at the case of the Scottsboro Boys, and how it related to the social effects and politics of the Great Depression.

Social Justice And Advocacy

SCHOOLS:	Bullard
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	11, 12
PREREQUISITE:	None

This academic elective course is intended to empower students as effective advocates and enhance their understanding of past and present social justice issues in the United States and how best they might advocate for the positive change

they seek. This yearlong course will examine a variety of social justice issues and how advocates have sought to achieve positive social justice outcomes across a variety of fields and through a variety of methods.

Software and Systems Development Internship (ICT-SSD)

SCHOOLS:	Bullard, Cambridge, Design Science, De Wolf, Duncan, Edison, Fresno, Hoover, J.E. Young, McLane, Patino, Phoenix, Roosevelt, Sunnyside
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	11,12
PREREQUISITE:	None

This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. An internship is a work-based learning experience that provides students the opportunity to apply their technical and academic skills in a professional setting. Students will develop and practice an understanding the duties and responsibilities of high-skilled career areas, including terminology, climate, protocol, and other information that will enable them to analyze and revise their meaningful future plans. This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. The internship is supported with activities and assignments to deepen and enhance the experience. The structure of the internship aligns with local policy and program expectations for internships

Spanish For Native Speakers I

SCHOOLS:	Bullard, Duncan, Edison, Fresno, Hoover, McLane, Roosevelt, Sunnyside
SUBJECT AREA:	Language Other Than English
a-g DESIGNATION:	e - Language Other Than English (LOTE)
GRADES:	9, 10, 11, 12
PREREQUISITE:	Childhood acquisition of Spanish

The course is designed for students whose home language is either exclusively Spanish or bilingual Spanish/English. Emphasis is on acquisition of academic Spanish as well as advancement in reading comprehension and writing ability. Other goals include appreciation of Latino history and cultures as well as improved communication between parent and child. Course is conducted in the target language.

Spanish For Native Speakers II

SCHOOLS:	Bullard, Duncan, Edison, Fresno, Hoover, McLane, Roosevelt, Sunnyside
SUBJECT AREA:	Language Other Than English
a-g DESIGNATION:	e - Language Other Than English (LOTE)
GRADES:	9, 10, 11, 12
PREREQUISITE:	Spanish for Native Speakers I or instructor recommendation

This course is a continuation of Native Speakers Level I, with greater emphasis on informational text, literary analysis, and essay writing. Students who are successful in this course will be encouraged to enroll the following year in Advanced Placement Spanish Language. Course is conducted in the target language.

Spanish I

SCHOOLS:	Bullard, DeWolf @ JE Young, Duncan, Edison, Fresno, Hoover, JE Young, McLane, Patino, Roosevelt, Sunnyside
SUBJECT AREA:	Language Other Than English
a-g DESIGNATION:	e - Language Other Than English (LOTE)
GRADES:	9, 10, 11, 12
PREREQUISITE:	None

Spanish I is an introduction to the language through vocabulary and grammatical structures presented through thematic units with an emphasis on oral, listening, reading and writing expressions. Students will develop an appreciation for the Hispanic culture and its influence throughout the world. Course is conducted in the target language as much as possible.

Spanish II

SCHOOLS:	Bullard, DeWolf @ JE Young, Duncan, Edison, Fresno, Hoover, JE Young, McLane, Patino, Roosevelt, Sunnyside
SUBJECT AREA:	Language Other Than English
a-g DESIGNATION:	e - Language Other Than English (LOTE)
GRADES:	9, 10, 11, 12
PREREQUISITE:	Spanish I or instructor recommendation

This course is a continuation of spoken and written Spanish and the study of the customs of various Spanish-language cultures and is not intended for native speakers of Spanish. Course is conducted mainly in the target language.

Spanish III

SCHOOLS:	Bullard, DeWolf @ JE Young, Duncan, Edison, Fresno, Hoover, JE Young, McLane, Patino, Roosevelt, Sunnyside
SUBJECT AREA:	Language Other Than English
a-g DESIGNATION:	e - Language Other Than English (LOTE)
GRADES:	9, 10, 11, 12
PREREQUISITE:	Spanish II or instructor recommendation

This course is an advanced study of Spanish and Spanish-speaking cultures and is not intended for native speakers of Spanish. Students who are successful in this course will be encouraged to enroll in Advanced Placement Spanish Language or Spanish IV. Extensive reading and writing with advanced grammatical points are emphasized. Course is conducted in the target language.

Spanish IV / Honors

SCHOOLS:	Bullard, Edison, Fresno, Hoover, McLane, Sunnyside
SUBJECT AREA:	Language Other Than English
a-g DESIGNATION:	e - Language Other Than English (LOTE)
GRADES:	10, 11, 12
PREREQUISITE:	Spanish III or instructor recommendation

This course expands conversation and reading in Spanish. Possibilities for in-depth studies of Spanish-speaking cultures and civilizations including the customs of various Spanish-speaking peoples, music, history, sports, literature, fine foods, high fashion, cinema, art, and drama are included. This course is not intended for native speakers of Spanish. Students who are successful in this course will be encouraged to enroll in AP Spanish Language the following year. Course is conducted in the target language.

Stagecraft

SCHOOLS:	Bullard
SUBJECT AREA:	Visual and Performing Arts
a-g DESIGNATION:	f - Visual and Performing Arts (VAPA)
GRADES:	9,10,11,12
PREREQUISITE:	Theatre I

In this course, students will learn about the history of and modern applications of the Technical aspects of Theatre. These aspects will be taught in the following Units: Costume Design, Set Design, Projections Design, Lighting Design, Sound Design, and Stage Management. Students will learn about the history of each design and will demonstrate their knowledge through design projects, presentations, written critiques, and class discussion. There will be some guest speakers who are career designers from the Central Valley area

Symphonic Orchestra

SCHOOLS:	Bullard, Edison, Fresno, Hoover, McLane, Roosevelt
SUBJECT AREA:	Visual and Performing Arts
a-g DESIGNATION:	f - Visual and Performing Arts (VAPA)
GRADES:	9, 10, 11, 12
PREREQUISITE:	Enrollment is by audition and director(s) recommendation

A highly select group of string players performing the finest in orchestral literature, in which proper orchestral technique, ear training skills, music theory, and appropriate rehearsal/performance disciplines will be taught and maintained within the group. This performance-based class will include A/AA concert literature and solo and ensemble music. Public performances are scheduled according to the progress and abilities of the group as determined by the instructor.

Teacher Academy: Designs for Learning

SCHOOLS:	Edison, Bullard, Hoover, Roosevelt, Mclane
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	11,12
PREREQUISITE:	None

This course builds on concepts learned in Careers in Educational Leadership, Course 1 with a new focus on Leadership and School Systems. The course is designed to promote understanding of the theories and practices of leadership and organizational behaviors with an emphasis on desired leadership qualities, the structure and challenges of the public-school system, equity issues, and leadership opportunities in education. Students will learn how to develop leadership skills and potential in themselves and others by applying application, self-reflection, journal writing, meaningful discussions, peer collaboration, feedback, team-building activities, and through participation in job shadowing activities and/or internship placements at nearby elementary, middle, and high schools.

Teacher Academy: The Universal Career

SCHOOLS:	Edison, Bullard, Hoover, Roosevelt, Mclane
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	11,12
PREREQUISITE:	English 10

This course prepares students for professional or learning support positions in education, prekindergarten through grade twelve. Students study human development; standards, regulations, and codes; positive guidance and counseling techniques; age-appropriate and grade appropriate learning/teaching strategies; learning theories; and standards-based curriculum and instructional design. Learning is grounded in the current best practices for the profession and students will apply their learning as an aide in a neighborhood school with ongoing support and feedback from a mentor teacher

Theatre I

SCHOOLS:	Bullard, Edison, Fresno, Hoover, McLane, Roosevelt, Sunnyside
SUBJECT AREA:	Visual and Performing Arts
a-g DESIGNATION:	f - Visual and Performing Arts (VAPA)
GRADES:	9, 10, 11, 12
PREREQUISITE:	None

Theatre I is designed to present types of drama, interpretation, and acting techniques, as well as studies in reading, acting, and the production of scenes and one-act plays. The basic aspects of lighting, costuming, and makeup will be stressed.

Theatre II/III/IV

SCHOOLS:	Bullard, Edison, Fresno, Hoover, McLane, Sunnyside
SUBJECT AREA:	Visual and Performing Arts
a-g DESIGNATION:	f - Visual and Performing Arts (VAPA)
GRADES:	9, 10, 11, 12
PREREQUISITE:	Theatre I

A continuation of theatre studies focused on physical and vocal performance technique, play interpretation and production, and the study of world drama through examining theatre history and the elements of Western and non-Western drama in relation to culture and society.

Trigonometry

SCHOOLS:	Bullard, Duncan, Edison, Fresno, Hoover, McLane, Patino, Roosevelt, Sunnyside
SUBJECT AREA:	Mathematics
a-g DESIGNATION:	c - Mathematics
GRADES:	11, 12
PREREQUISITE:	Algebra II

This course is the study of trigonometric, linear, polynomial, exponential, circular composite and absolute functions, sequence and series, limits and other functions centered around finding real zeroes and slopes of tangent lines.

United States History / United States History Honors

SCHOOLS:	Bullard, Cambridge, De Wolf, Duncan, Design Science, Edison, Fresno, Hoover, J.E. Young, McLane, Sunnyside
SUBJECT AREA:	History/Social Science
a-g DESIGNATION:	a - History/Social Science
GRADES:	11
PREREQUISITE:	None

Students in grade eleven study the major turning points in American history from the late nineteenth century to the present. They trace the change in the ethnic composition of American society; the movement toward equal rights for racial minorities and women; and the role of the United States as a major world power. They consider the major social problems of our time and trace their causes in historical events. Students understand that our rights under the U.S. Constitution are a precious inheritance that depends on an educated citizenry for their preservation and protection. --- Honors-level courses must have a comprehensive final examination or a substantive, culminating project. The purpose of the final exam/ project is for students to exhibit depth of knowledge and sustained mastery of subject material.

Video Production

SCHOOLS:	Bullard, Duncan, Fresno, McLane, Roosevelt, Sunnyside
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	f - Visual and Performing Arts (VAPA)
GRADES:	10, 11, 12
PREREQUISITE:	None

Video Production examines the multiple uses of video technology in various entertainment and industry sectors. Students will receive task-oriented training in pre and post-production jobs, competencies, current and emerging technologies, and the collaborative nature of the creative process involved in video production. Students will examine the technological interface of lighting, sound, recording and computer modification involved in digital video as well as the historical and artistic significance of film and television as it applies to society.

Videographer and Producer Internship (AME-PMA)

SCHOOLS:	Bullard, Cambridge, Design Science, De Wolf, Duncan, Edison, Fresno, Hoover, J.E. Young, McLane, Patino, Phoenix, Roosevelt, Sunnyside
SUBJECT AREA:	Career Technical Education

a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	11,12
PREREQUISITE:	None

This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. An internship is a work-based learning experience that provides students the opportunity to apply their technical and academic skills in a professional setting. Students will develop and practice an understanding the duties and responsibilities of high-skilled career areas, including terminology, climate, protocol, and other information that will enable them to analyze and revise their meaningful future plans. This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. The internship is supported with activities and assignments to deepen and enhance the experience. The structure of the internship aligns with local policy and program expectations for internships

Welding Internship (PMD-WMU)

SCHOOLS:	Bullard, Cambridge, Design Science, De Wolf, Duncan, Edison, Fresno, Hoover, J.E. Young, McLane, Patino, Phoenix, Roosevelt, Sunnyside
SUBJECT AREA:	Career Technical Education
a-g DESIGNATION:	g - College Preparatory Elective
GRADES:	11,12
PREREQUISITE:	None

This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. An internship is a work-based learning experience that provides students the opportunity to apply their technical and academic skills in a professional setting. Students will develop and practice an understanding the duties and responsibilities of high-skilled career areas, including terminology, climate, protocol, and other information that will enable them to analyze and revise their meaningful future plans. This course will expose students to the career readiness skills needed for a successful internship and prepare them for the world of work. The internship is supported with activities and assignments to deepen and enhance the experience. The structure of the internship aligns with local policy and program expectations for internships

Wind Ensemble

SCHOOLS:	Bullard, Roosevelt, Sunnyside
SUBJECT AREA:	Visual and Performing Arts
a-g DESIGNATION:	f - Visual and Performing Arts (VAPA)
GRADES:	10, 11, 12
PREREQUISITE:	Level IV proficiency, audition, and/or recommendation of the instructor

This course is designed for the sequential study of the literature, rehearsal, and performance techniques of the band on the highest level achievable. It is a performance organization of students of high achievement and talent. Marching band experiences and concert performances will comprise a portion of the activities of this group. Public performances are scheduled according to the progress and abilities of the group as determined by the instructor.

Zoology

SCHOOLS:	Bullard, Edison, Hoover, McLane, Sunnyside
SUBJECT AREA:	Science
a-g DESIGNATION:	d - Laboratory Science
GRADES:	10, 11, 12
PREREQUISITE:	Biology

Zoology is the study of the anatomy, physiology, and classification of all the animal groups. The course content is based on the evolution of body systems from the most primitive to the most complex. Live animals are used for behavioral studies. Comparative anatomy and physiology, which may include a study of human anatomy, are studied through

dissections, observations, audiovisual materials, and discussions. More than half of the class time will be devoted to laboratory investigations.