

Williams Junior/Senior High School



Course Description Catalog 2022-2023

Welcome Message

We are very excited about the upcoming school year. The 2021-2022 Williams Junior Senior Early College High School Course Catalog will help you to plan a rewarding course of study and enjoy a fulfilling experience at our school. Inside the catalog you will find our graduation requirements, college preparation requirements, Career Technical Education (CTE) options, information about a broad range of electives, and much more. Be aware that although we plan to offer the courses included in 2021-2022, budget constraints and enrollment numbers may impact course availability. The staff at Williams Junior Senior Early College High School is eager to assist you with your course and program selection questions, and we look forward to helping you achieve your personal and academic goals.

This course description of classes is published for informational purposes. Every effort is made to ensure its accuracy; however, the contents should not be regarded as permanent. The district reserves the right to correct, modify, or change this document without notice. Please direct questions to appropriate school personnel.

Courses/Schedule Change Requests

Class changes must be done within the first 10 days after being assigned to that class unless the request is made by the teacher or administrator. Changes involving required classes or UC/CSU A-G requirements must have parent approval. Changes are made for academic necessity only.

Students may request a change according to the following guidelines:

- Level change request (AP to general, and vice versa) based on availability
- Medical/Health issue require adjustment in schedule
- Course needed for graduation requirements to meet minimum A-G requirements
- Spring Semester Changes: Yearlong courses will only be dropped for extenuating circumstances with administrative approval
- Core classes may not be changed
- Request for teacher change will not be honored

***Students may sign up in our ‘ Counselors Corner’ through our school website. Counselor will contact you to discuss your change request. Appointments with the Counselor may also be made before school, at lunch, or after school.**

High School Office Hours Principal/Attendance/Secretary

Monday – Friday 8:00 am – 3:30 pm following the regular school calendar

Registration/Counseling Office Hours

Monday – Friday: 8:00 am – 3:30 pm following the regular school calendar

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Superintendent
Dr. Sandra Ayon

Principal
Dr. Ramon Cusi

Assistant Principal
Ms. Megan Vandebroek

School Counselors
Veronica Solis Natalie Herrejon

Williams High School Website Address
<http://whs.williamsusd.net>

WILLIAMS JUNIOR/SENIOR HIGH SCHOOL STAFF

Certificated Staff

Dr. Ramon Cusi

Ms. Megan Vandebroek

Veronica Solis

Natalie Herrejon

Mingy Altamirano

Kevin Askeland

Lisa Balbiani

Forrest Bateman

Vernon Bledsoe

David Boswell

Morgan Brock

Jennifer Carter

Carrie Clark

Genia Colsa-Friel

Brian Darden

Nicole Day

Elizabeth Flores

David Garcia

Michelle Hale

Ben Haney

Sally Hedley

Tony Hermann

Rodney Johnston

Brooklyn Kelley

Jeffery Lemus

Daniel McDonald

Leonel Mendoza

Brian Parker

Krista Purdom

Ken Rensink

Ken Roberts

Darren Robinson

Patricia Sims

Max Stout

Natalie Sturdivant

Robert Tamayo

James Welcome

Nikolas Willis

Regan Withrow

Principal

Assistant Principal

School Counselor

School Counselor

Physical Education/Career Seminar

Mathematics

Independent Study/Leadership

English/ELD

Social Science

English

Science/CTE

Special Education

Music

Special Education

English

Mathematics

English/ELD

Social Science/AVID

Science

Science

Art

Physical Education

Mid Valley

English/ELD

Social Science/AVID

Athletic Director/Physical Education

Spanish

Science/FFA

Yearbook/Computers/Robotics

Special Education

Spanish

Mathematics

Science

Mariachi

Mathematics

Mathematics/AVID

Digital Arts

Social Science

English

Support Staff

Lucila Mendez

Alicia Suarez

Lizbeth Jaime

Mariela Cruz

School Secretary

Counseling Secretary

Attendance Secretary

Bilingual-Biliterate Clerk

REGISTRATION PROCESS

Continuing Students: Students who were enrolled in the last semester with Williams Jr Sr High School or graduating Sixth Graders from Williams Upper Elementary School, classes are pre-selected for you according to prerequisite and graduation requirements.

New, Returning and Transfer Students:

1. Complete:

- a. Registration packet
- b. Birth Certificate
- c. Immunization record
- d. Previous school records
- e. Orientation/Counseling

Concurrent Enrollment:

Student selecting to enroll in college classes concurrent with high school classes must:

1. Complete:

- a. College application online at cccapply.org
- b. Placement Exam (required for core academic courses)
- c. Online registration and “High School Recommendation Form”
- d. The High School Recommendation Form **MUST** be signed by the school principal, vice principal, or counselor and parent.

WILLIAMS Jr/Sr HIGH SCHOOL GRADUATION REQUIREMENTS

Graduation requirements may change within the course of a student's high school career. It is vital that students (and their parents) continually verify that they are on course for graduation; a simple call to the Academic Counselor, should do. In addition to coursework and credits required, students must also complete **20 hours of community service**.

Remember that these graduation requirements are only the minimum requirements to achieve a high school diploma; they will not qualify a student for admission to a four-year college. Students who wish to gain employment or admission to a college or technical school must take the most rigorous courses available in order to qualify. In addition, these students must gain the best grades possible in order to compete.

<u>Williams High School</u>		<u>CSU/UC</u>	
History/Social Science (World, US, Gov/Econ)	30	History/Social Science	20
English (English 9-12)	40	English	40
Math (3yrs, 3 different classes with a C or better; must pass Alg. 1)	30	Math	30
Science (1yr physical, 1 yr life)	20	Lab Science (1yr physical, 1yr life)	20
Visual/Performing Arts Or Foreign Language	10 10	Visual/Performing Arts Foreign Language	10 20
Freshman Requirements (Career Seminar, Geography)	10		
Physical Education	20		
Vocational Education (CTE)	10		
Electives	<u>90*</u> 260	Elective	<u>10</u> 150

*Any course can fulfill graduation requirement electives once the subject requirement is met.

* Teacher Aide/Office Aide positions will generate credits but not grade points.

2022-2023 WILLIAMS JUNIOR/SENIOR HIGH SCHOOL

Student Academic Courses for CSU/UC Admission

A HISTORY/SOCIAL SCIENCE (2 YRS REQ)

US History
World History
American Government
Geography

B ENGLISH (4 YRS REQ)

English 9
English 10
English 11
English 12
AP English Lang & Comp (11th)
AP English Lit & Comp (12th)
Changing Hearts and Minds: English & Digital Arts
Communication by Design: English & Media Design

C MATHEMATICS (2 YRS REQ, 3 YRS REC)

Algebra I
Algebra II
Geometry
Pre-Calculus
AP Calculus AB (pending approval)
Computer Science Explorations

D LABORATORY SCIENCE (2 YRS REQ, 3 YRS REC)

Biology--life
Anatomy/Physiology--life
Ag Biology--life
Ag Soil Chemistry- Physical
Chemistry--physical
Physics--physical
Zoology and Botany-life

E FOREIGN LANGUAGE (2 YRS REQ, 3 YRS REC)

Spanish I
Spanish II
Spanish III
Spanish 1 Native Speakers
Spanish 2 Native Speaker
AP Spanish Language
Adv Translating/Interpreting

F VISUAL & PERFORMING ARTS (1 YR REQ)

Art 1
Art 2
Art 3
Beginning Band
Band
Ceramics 1
Ceramics 2
Ceramics 3
Drama
Guitar
Mariachi Band
Advanced Mariachi
Music Technology
Music Appreciation

G ELECTIVES (1 YR REQ)

Beg Ag Mechanics
Ag Mechanics 2
American Economics
Forensic Science
Geography
AVID 9/10
AVID 11/12
Leadership
Personal Finance
Speech and Debate 9-12
Write, Camera, Action: Storytelling
Yearbook

MUST PASS CLASSES WITH A "C" OR BETTER

Junior High (7th/8th Grade) Course Offerings:

English Language Arts

1130 English 7

Prerequisite: 7th grader

English 7 is a required course for all 7th graders. It is a standards-based class developing literature comprehension and writing skills. Students will read and write in a variety of genres focusing on expository writing, as well as increasing their vocabulary and study skills.

1140 English 8

Prerequisite: 8th grader

English 8 is a required course for all 8th graders. It is a standards-based class developing literature comprehension and writing skills. Students will read and write in a variety of genres focusing on expository writing, as well as increasing their vocabulary and study skills.

4555 Introduction to Digital Journalism: Telling the Story

Prerequisites: 7th or 8th grader

A general survey of the 21st Century media landscape teaching students to be thoughtful consumers and creators of content. Students will learn the fundamentals of reporting with a focus on campus-wide events. A variety of media will be created including written news stories, podcasts, journalistic photography, and short video productions. Students will also learn about careers in the arts Media and Entertainment industry sector.

5415 Composition Writing/Writing for Change

Prerequisite: 7/8th grader

This course is focused on helping students express their opinions through writing in and using these writings to inspire change. The class focuses on evaluating different types of writings and writers that inspire change in the world as well as having students create their own social and environmental writings.

6025 Speech/Debate

Prerequisite: 7th or 8th grader

Speech and Debate is a class where students will learn to more effectively communicate and advocate in today's world. Students will learn audience analysis as they prepare and deliver speeches in a number of formats. Whether or not you are already comfortable speaking in front of an audience, this class will help you develop and hone the skills you need to effectively advocate, persuade and entertain through speech.

6022 Drama

Prerequisite: 7th or 8th grader

Drama is an elective class that will help you to develop skills that will be useful to you throughout your life. During this course, you will learn about the origins of storytelling in society, be able to perform a dramatic monologue, and be able to analyze historical sources. You will also become a better writer and more adept at close reading. Be prepared to participate every day! This class requires enthusiasm and a willingness to participate.

8046 Leadership

Prerequisite: 7th or 8th grader

This course is designed to give students a competitive advantage in the working world. This course will provide the student with valuable leadership and communication skills that a person will use in their everyday lives. During this course, a student will develop their own personal leadership portfolio (resume'), learn to develop their speaking skills, develop team-building skills and plan school and community activities. This course is recommended for students involved in student organizations in and out of school.

English Language Development (Courses for Students Learning English)

1024/1026 ELD 1 Reading/Writing

Prerequisite: ELPAC level 1

Thus is the first core course for students whose first language is not English. It is designed to aid students in learning to improve their listening, speaking, reading, and writing in English, According to the California ELD Standards. Students participate in listening, speaking, reading, and writing activities. Class work will consist of textbook lessons, grammar exercises, reading for vocabulary acquisition and other projects to increase English comprehension.

1037/1030 ELD 2 Reading/Writing

Prerequisite: ELPAC level 2

This is the second core course for students whose first language is not English. This course includes intermediate reading, paragraph writing, and essay writing, grammar and sentence structure in English. Students will distinguish between main ideas and supporting details, write original focused paragraphs with topic sentences, relevant supporting detail and transition works

1085 ELD English Preparation

Prerequisite: ELPAC level 1 or 2

This is the support component for students that are still in need of writing support outside of their daily ELD 1 or 2 classes or in their regularly scheduled English classes. Assignments are based on individual needs of the student, but all include forms of writing sentences and paragraphs in the present, past, future, present perfect and past perfect tenses.

1033 ELD Advanced Writing

Prerequisite: ELPAC level 3

This is the support component for students that are still in need of writing support outside of their daily core English classes. Assignments are based on forms of writing sentences and paragraphs in the present, past, future, present perfect and past perfect tenses.

1070 ELD Language Support 7-9

Prerequisite: ELPAC level 3, 4 or 5

This is the support component for students that are still in need of writing support outside of their daily core English class. Assignments and curriculum are based on vocabulary development, reading comprehension, and writing skills to be used in all core subjects.

7902 Yearbook***Prerequisite: 8th grade or higher*****A-G**

This course provides instruction and guidance in the development of the school newspaper and the annual yearbook. Students must be “self-starters,” able to meet deadlines, able to write effectively and be available to cover school events such as sports, assemblies, rallies, music concerts, and award ceremonies outside of class on occasion. Instruction will include use of an on-line website for yearbook development, Photoshop, photography, and Canva for newspaper creation.

Mathematics

2053 Math 7***Prerequisite: 7th Grade***

Students will focus on developing an understanding of and applying proportional relationships; developing understanding of operations with rational numbers and working with expressions and linear equations; solving problems involving scale drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume; and drawing inferences about populations based on samples.

2007 Math 8***Prerequisites: 8th Grade***

students will focus on formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; grasping the concept of a function and using functions to describe quantitative relationships; and analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem.

2000 Algebra 1**A-G*****Prerequisites: 9th Grade or placement***

This is a one year course and is the first course in the A-G Mathematics sequence. Algebra 1 is a state graduation requirement. At the successful completion of the course, students will have demonstrated an understanding of Solving Equations and inequalities, Linear Equations and Their Graphs, Systems of Equations and Inequalities, Exponents and Exponential Functions, Polynomials and Factoring, Quadratic Equations and Functions, and Radical, rational Expressions and Equations.

4807 Beginning Small Business Enterprise (semester)***Prerequisites: 7th or 8th grade***

Students learn the foundations of running a business, as well as build career-readiness skills and attitudes by running a school store / small business, getting direct, first hand experience in business functions that include: research, planning, staffing, management, marketing, promotion, accounting, operations, and sales (among others). Students develop their financial literacy and money management skills.

Social Science

1507 World History and Geography (7th Grade)***Prerequisites: 7th grade***

This is a yearlong course that follows a chronological study of the development of the world during medieval and early modern times with an examination of social, cultural, and technological change. The sequence of these units is historical, advancing across the years A.D. 500-1789, and geographic, advancing across the major continents of the earth. The units are focused on the great civilizations that were developing concurrently over these years.

1508 United States History and Geography (8th Grade)

Prerequisites: 8th grade

This is a yearlong course that follows a chronological study of the development of the United States. The course of study begins with an intensive review of the major ideas, issues, and events preceding the founding of the nation. Students will concentrate on the critical events, from the framing of the Constitution to World War I.

Science/Agriculture

3007 Science 7 (7th Grade)

Prerequisite: 7th grade

This course is a core science course designed to prepare students for 8th grade and high school level science courses. Included in this course is the scientific method and basic laboratory procedures.

3008 Science 8 (8th Grade)

Prerequisite: 8th grade

This course is a core science course designed to prepare students for high school level science courses. Included in this course is the scientific method and basic laboratory procedures. This course leads to either earth science or biology in the 9th grade year.

6503 Exploratory Ag 7/8 (semester)

Prerequisite: 7th or 8th grade

Agricultural education is a semester-long introduction to FFA, leadership skills, basic animal science, basic plant science, and the CTE pathways available in 9-12th grade.

PHYSICAL EDUCATION

2517 Physical Education K-8

Prerequisites: 7th/8th graders

In this course students are expected to pass the California PE Standards. Students will also be tested in the state mandated Fitness gram Test, including flexibility, upper body strength, curl ups, aerobic capacity and body mass index. Additionally, students will participate in Football, Volleyball, Soccer, Lacrosse, Badminton, Basketball, Pickle Ball, Dance, and Softball.

FOREIGN LANGUAGE

All languages classes will utilize a placement exam.

4002 Spanish A

Prerequisite: None

This introductory course covers language content and culture. This class focuses on the structural understanding of the language and its practical applications.

4003 Spanish B

Prerequisite: C or better in Spanish A or placement

This is a follow-up course to Spanish A where language content and culture are studied more in depth. This course covers all ten simple tenses and their applications within the language.

VISUAL AND PERFORMING ARTS

6022 Drama

Prerequisite: 7th or 8th grader

Drama is a course that introduces students to the exciting beginning elements of acting and theater. This will include creative movement, stage combat, theater games, improvisation, short plays, and monologues. Students will work individually and in groups. Emphasis will be on creativity, building group cohesion, elevating confidence, and performing in front of class members and, occasionally, school audiences.

1053 Music Exploration 7th/8th Grade (semester)

Prerequisite: 7th or 8th grader

Exploratory Music is a general introductory music course that incorporates the various aspects of music. Students will be introduced to elements of music, music history and its great composers, styles and cultures of music, the development of music listening skills, music appreciation, music performance, and elementary music theory.

5016 Art Exploration 7/8 (semester)

Prerequisite: 7th grader

Art Exploration is the general exploration of art. No prior art experience is necessary. Experience is gained in areas of color theory, composition, perspective (use of space), design, drawing, painting, and sculpture. Projects are designed to emphasize the development of a positive, personal attitude toward art and creative individual expression through art.

6003 Beginning Band 7/8

Prerequisite: None

The beginning band is an introductory instrumental music course. Instruments in the band include Flute, Clarinet, Saxophone, Trumpet, Trombone, Baritone, Horn and Percussion (Xylophone, concert drums, and auxiliary percussion). Performances include two yearly concerts plus a festival. Students are expected to practice, at home, at least one hour per week and attend all performances.

6004 Adv. Band 7/8

Prerequisite: C or better in Beg. Band; Requirements-2years on instrument or permission from director.

The advanced band is the premiere-performing group on campus. This group has intensive performance requirements with many performances outside of class time. Some performances include competitions throughout California, a variety of home games and semester concerts. Attendance at these events outside of class is required. Marching and concert literature will be performed throughout the year.

6016 Beginning Mariachi

Prerequisite: None

Students learn the basics of one of the instruments of the mariachi (violin, guitar, vihuela or guitarron) from the beginning stages. All students will also learn the fundamentals of singing. *Prerequisite: Desire to learn mariachi music and ability to hear pitches.*

6019 Advanced Mariachi

Prerequisite: Beginning mariachi

This class is designed for students who have completed at least one year of mariachi music (or the equivalent) on one of the mariachi instruments. The curriculum is focused on learning complete songs chosen from the classics of the mariachi repertoire: rancheras, boleros, sones, corridos, polkas, and huapangos. Students must be prepared to sing.

Keyboard/Piano

This course is designed for students who wish to develop basic piano playing skills, or expand on their existing skills. The class will have both a theory and lab component. For the theory component, students will learn the basics of diatonic harmonizing and musicianship. They will apply this knowledge during the lab component, where they will spend time at their own keyboard or piano. There is one fall and one spring performance requirement, during which the students will demonstrate their learning through a small group.

Modern Band

This course will introduce students to modern band instruments; keyboard, drum set, electric and acoustic guitar, and singing. Students will learn basic music theory and apply it in class while playing modern and classic rock songs, building a repertoire of pop songs. There is one fall and one spring performance requirement, during which the students will demonstrate their learning through a small group.

6022 Drama

Prerequisite: 7th or 8th grade

Drama is an elective class that will help you to develop skills that will be useful to you throughout your life. During this course, you will learn about the origins of storytelling in society, be able to perform a dramatic monologue, and be able to analyze historical sources. You will also become a better writer and more adept at close reading. Be prepared to participate every day! This class requires enthusiasm and a willingness to participate.

6009 Chorus

Prerequisite: None

This is a vocal group that will explore a wide variety of singing styles such as classical, jazz and contemporary. Students will focus on vocal technique while learning the basics in music notation, theory and form. Performances will include semester concerts, festivals and competitions. Attendance at these events outside of class is required.

6111 Guitar

Prerequisite: None

Designed for the beginning guitar student, this course includes fundamentals of playing the guitar, including chord structure, basic notation, and strumming techniques. Students provide an acoustic guitar as specified by the teacher and purchase the text.

Nondepartmental Electives

9056 AVID 8

Prerequisite: Maintain a 2.25 GPA and 8th Grade

Students will build and refine essential AVID skills, accelerate in honors classes and become models students within the classroom as well as school wide. The focus of AVID is college. Students examine the process of choosing a college, the application process, financing college, scholarships and deciding on an area of focus. AVID provides students with exposure to actual college campuses.

8011 Intro to Robotics

Introductory course designed to give students an overview of programming, engineering and robotics. They will learn how to code using a variety of programs and platforms. The emphasis of this course is to provide students with a fun, hands-on project based learning experience.

7th Grade Wheel Requirement (required for all 7th grade students)

1. **1501 STATE REQUIREMENTS (quarter)**. Prerequisites: 7th grader. State requirements includes topics in health and human trafficking. Students will learn the basic structure of the human body, as well as nutrition, drug prevention, and what affect everyday choices have on their health, as well as information regarding human trafficking in California.
2. **1517 Intro to Computer Applications 7.** (quarter) Prerequisites: 7th grader. Intro to Computer Applications is an introduction course which teaches the basics of computer literacy, Google Suite, Microsoft Office, web navigation, and Digital Literacy.
3. **9052 Introduction to AVID.** (semester) Prerequisites: 7th grader. Introduction to AVID is an introduction to the organization and the strategies used in AVID. Students will learn and apply skills and learning strategies to improve performance in the content areas. Note taking, outlining, writing, speaking, reading, test taking and the use of technology to improve performance will be stressed in this course.

High School Course Offerings:

ENGLISH LANGUAGE ARTS

1000 English 9

Prerequisite: 9th grade

A-G

English 9 is a required course for all freshmen. It is a standards-based class developing literature comprehension and writing skills. Students will read and write in a variety of genres focusing on expository writing, as well as increasing vocabulary and study skills.

1015 English 9 Honors

Prerequisite: 9th grade

A-G (pending approval)

This course is designed to offer an approach to learning that is challenging, interesting and fast-paced for strong, capable readers who are also proficient writers. There is supplemental reading that requires students to exhibit high levels of comprehension, enjoy working at an accelerated pace, and desire a deeper analysis of the reading. Writing assignments will focus on analysis, development, organization, and language. Assignments encourage creativity, abstract thinking, and consistent goal-directed behavior.

1451 Write Camera Action: Storytelling through Your Lens

Prerequisite: 9th-12th grade (Priority 9th Grade)

A-G

Write, Camera, Action is an English based course integrated with the Design, Visual and Media Arts CTE sector and is designed to enrich the freshman English course. In this project-based-learning course, students research and analyze a variety of visual media and written texts (including literature, film, advertising, and social media) to understand the components of a well written or well produced visual story. The reading, writing, and media-based assignments throughout the course prepare students to complete their capstone project in which they work collaboratively as a media production team, to produce a short film and host a screening event. The stories featured in the final production will be developed from student's own stories and reflections on their communities.

1100 English 10

Prerequisite: 10th grade

A-G

English 10 is a required course for all sophomores. It is a standards-based class developing literature comprehension and writing skills. Students will read and write in a variety of genres, focusing on non-fiction, as well as increasing their vocabulary and study skills.

1016 English 10 Honors

Prerequisite: 10th grade

A-G (pending approval)

Honors English 10 is a world literature course that highlights both early and modern works from around the globe. We will study fiction, nonfiction, drama, poetry, myths, and legends as well as ancient sources of wisdom. Writing and class discussion will be the primary methods used for response to literature. Students will also learn a variety of literary terms that will help them analyze literature and prepare them for success in Advanced Placement English courses in the coming years.

1452 Changing Hearts and Minds: English and Media Arts

Prerequisite: 10th grade

A-G

Replaces English 10 for enrolled sophomores. Teaches students to act as purveyors of change in the world-at-large. Throughout the course students will analyze a variety of print and digital texts in order to identify and interpret an author's, artist's, and/or designer's message, and to determine how a specific audience drives a creator's decision-making process. Students will evaluate and successfully use visual design principles and elements to enhance, distribute and increase visibility of a message or cause. This process will lead students to use writing and the principles of design to create texts and visuals that tell stories and convey effective messages for the purposes of effecting change; this also leads students to be critical thinkers and active receivers of messages. Students will read fiction and nonfiction as sources of inspiration and discovery and then write to learn with an emphasis on how choices of diction and syntax shape a message. Throughout the course, students will use collaboration processes, oral communication, presentation and creative problem solving to strengthen and apply their knowledge of written and visual messaging. Offers extensive work with professional camera, sound and lighting equipment to create original media projects in conjunction with local nonprofit organizations.

1200 English 11

Prerequisite: 11th grade

A-G

English 11 is a required course for all juniors. It is a standards based class developing literature comprehension and writing skills. Students will read and write in a variety of genres, focusing on literature and their impact on different time periods, as well as increasing their vocabulary and study skills.

1453 Communication by Design: English and Media Design (Honors)

Prerequisite: 11th grade & Changing Hearts and Minds

A-G

Replaces English 11 for enrolled juniors. Integrates English with Visual Design and Media Arts by giving students the ability to communicate to different audiences in a variety of text formats including website construction, document specific formatting, career connections, analytical and informative writing and collaboration. Using effective speaking and listening skills, students convey a variety of messages both informative and persuasive, demonstrate mastery of visual representation of information, and conduct interviews with community and industry professionals as well as prepare for career based interviews. Offers extensive work with professional camera, sound and lighting equipment to create original media projects.

1306 Advanced Placement (AP) English Language and Composition**A-G*****Prerequisite: AP Contract, C or better in English 10***

The AP English Language and Composition course is designed to help students become skilled readers of prose written in a variety of rhetorical contexts and to become skilled writers who compose for a variety of purposes. Students will learn about the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. The purpose of the AP English Language and Composition course is to successfully pass the AP test for English Language and Composition.

1300 English 12***Prerequisite: 12th grade*****A-G**

English 12 is a required course for all seniors. It is a standards-based literature and writing class clustered around the following genres, fiction, and nonfiction writing, functional documents, poetry, expository writing and author study.

1207 Advanced Placement (AP) English Literature and Composition**A-G*****Prerequisite: AP Contract, C or better in English 11 or successful completion of AP Language and Composition***

The AP English Literature and Composition course is designed to engage students in the careful reading and critical analysis of imaginative literature. Students will learn a work's structure, style, and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. The course will include intensive study of representative works from various genres and periods, concentrating on works of recognized literary merit. The purpose of this course is to successfully pass the AP test for English Literature and Composition.

1024/1026 ELD 1 Reading/Writing***Prerequisite: ELPAC level 1***

Thus is the first core course for students whose first language is not English. It is designed to aid students in learning to improve their listening, speaking, reading, and writing in English, According to the California ELD Standards. Students participate in listening, speaking, reading, and writing activities. Class work will consist of textbook lessons, grammar exercises, reading for vocabulary acquisition and other projects to increase English comprehension.

1037/1030 ELD 2 Reading/Writing***Prerequisite: ELPAC level 2***

This is the second core course for students whose first language is not English. This course includes intermediate reading, paragraph writing, and essay writing, grammar and sentence structure in English. Students will distinguish between main ideas and supporting details, write original focused paragraphs with topic sentences, relevant supporting detail and transition works

1085 ELD English Preparation***Prerequisite: ELPAC level 1 or 2***

This is the support component for students that are still in need of writing support outside of their daily ELD 1 or 2 classes or in their regularly scheduled English classes. Assignments are based on individual needs of the student, but all include forms of writing sentences and paragraphs in the present, past, future, present perfect and past perfect tenses.

1033 ELD Advanced Writing

Prerequisite: *ELPAC level 3*

This is the support component for students that are still in need of writing support outside of their daily core English classes. Assignments are based on forms of writing sentences and paragraphs in the present, past, future, present perfect and past perfect tenses.

1070/1074 ELD Language Support 7-9/ELD Language Support 10-12

Prerequisite: *ELPAC level 3, 4 or 5*

This is the support component for students that are still in need of writing support outside of their daily core English class. Assignments and curriculum are based on vocabulary development, reading comprehension, and writing skills to be used in all core subjects.

6027 Speech/Debate

Prerequisite: 9th grade

A-G

Speech and Debate is a class where students will learn to more effectively communicate and advocate in today's world. Students will learn audience analysis as they prepare and deliver speeches in a number of formats.

Whether or not you are already comfortable speaking in front of an audience, this class will help you develop and hone the skills you need to effectively advocate, persuade and entertain through speech.

6020 Drama

Prerequisite: 9th grade

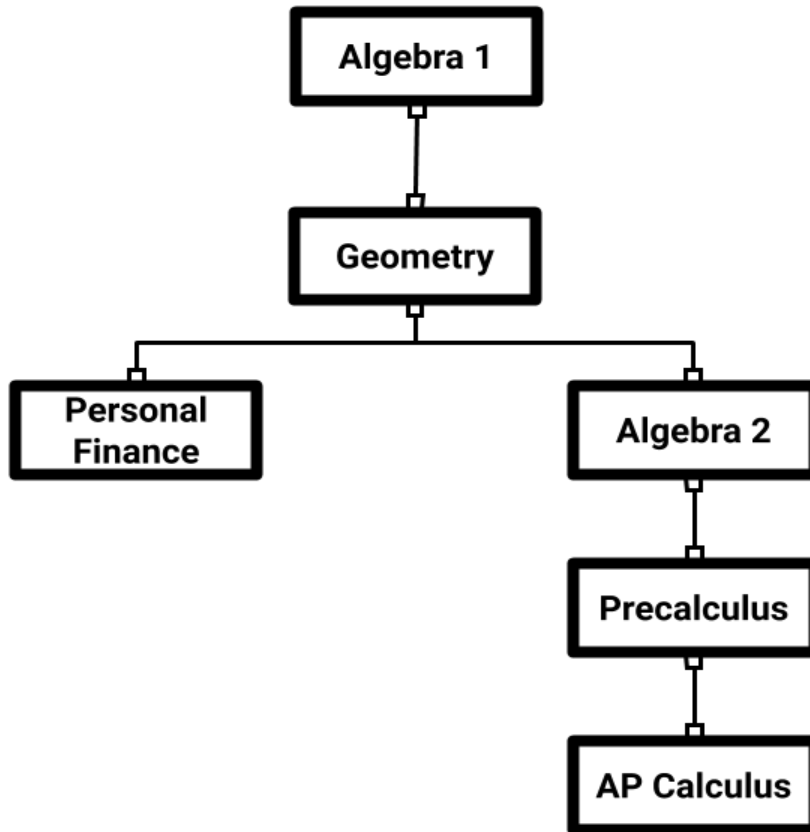
A-G

Drama is an elective class that will help you to develop skills that will be useful to you throughout your life. During this course, you will learn about the origins of storytelling in society, be able to perform a dramatic monologue, and be able to analyze historical sources. You will also become a better writer and more adept at close reading. Be prepared to participate every day! This class requires enthusiasm and a willingness to participate.

MATHEMATICS

Mathematical Course Sequencing

- Three years of (3) different math classes are required for High School Graduation. Must pass classes with “C” or better.
- Students wishing to apply to a CSU/UC must take Algebra 1, Geometry & Algebra 2 and pass classes with a “C” or higher to be considered for admission. Four years is recommended.



2000 Algebra 1

Prerequisites: 9th Grade or placement

A-G

This is a one year course and is the first course in the A-G Mathematics sequence. Algebra 1 is a state graduation requirement. At the successful completion of the course, students will have demonstrated an understanding of Solving Equations and inequalities, Linear Equations and Their Graphs, Systems of Equations and Inequalities, Exponents and Exponential Functions, Polynomials and Factoring, Quadratic Equations and Functions, and Radical, rational Expressions and Equations.

2100 Geometry

Prerequisites: passing grade in Algebra 1

A-G

This is a one year course and is the second course in the A-G Mathematics sequence. . At the successful completion of the course, students will have demonstrated an understanding of Reasoning and Proof, Parallel and Perpendicular Lines, Congruent Triangles, Similarity, Right Triangle Trigonometry, and Surface Area and Volume.

2200 Algebra 2

Prerequisites: passing grade in Geometry

A-G

This is a one year course and is the third course in the A-G Mathematics sequence. Algebra 2 is required for CSU/ UC admissions. Further, this course prepares students for coursework in advanced mathematics courses. At the successful completion of the course, students will have demonstrated an understanding of Functions, Equations, and Graphs, Linear Systems, Matrices, and Quadratic Equations and Functions.

2375 Pre-Calculus

Prerequisites: passing grade in Algebra 2 and/or admin/teacher recommendation

A-G

This is a one year college prep course. The purpose of this course is to prepare students for coursework in Calculus. At the successful completion of the course, students will have demonstrated an understanding of Functions and Graphs, Polynomial, Power, and Rational Functions, Exponential, Logistic, and Logarithmic Functions, Trigonometric Functions, Vectors, Parametric Equations, and Polar Equations, and Systems and Matrices.

2400 Advanced Placement (AP) Calculus AB

Prerequisites: C- or better in Precalculus

A-G

This is a one year college prep course. The purpose of this course is to prepare students to successfully pass the AP Exam in Calculus AB. At the successful completion of the course, students will have demonstrated an understanding of Limits and Continuity, Derivatives, the Definite Integral, Differential Equations and Mathematical Modeling, Applications of Definite Integrals, L'Hopital's Rule, Improper Integrals, and Partial Fractions.

4750 Personal Finance

Prerequisite: 12th grade

A-G

This course will inform students how individual choices directly influence occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets utilizing checking and saving accounts, gain knowledge in finance, debt and credit management, and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions leading to financial independence.

SOCIAL SCIENCE

1601 World History

Prerequisites: 10th grade

A-G

Students will examine major turning points in the shaping of the modern world, from the late 17th century to the present. This course follows the content standards and prepares students to study US History. This is a required course for all 10th grade students.

1700 US History

Prerequisites: 11th grade

A-G

This course covers America from post-Civil War to the present and focuses on continuity and change. Students will focus on technological changes, the Industrial Revolution and its impact upon American society. Course material will also focus on the major wars and their post war periods with special interest to societal problems and the Civil Rights Movement.

9116 HIST 17A United States History (3 units)- Dual Enrollment Class **CSU/UC**

Prerequisites: *11th grade ; counts only towards high school elective credit and college credit*

Survey of U.S. history tracing the political, social, economic, and cultural development of American ideals and actions from the Pre-Revolutionary Period through the Civil War Era. Satisfies CSU Title V, Section 40404, U.S. History, Constitution, and American Ideals requirement when both HIST 17A and POLSCI 1 or HIST 17B are completed.

9110 HIST 17B United States History(3 units)- Dual Enrollment Class **CSU/UC**

Prerequisites: *11th grade; may count as US History credit and college credit*

Political, social, economic, and cultural history of the United States from the Industrial Revolution to the present. Focuses on the ideals, decisions, forces, institutions, individuals, events, and processes that affected the continuity and change during this time. Satisfies CSU Title V, Section 40404, U.S. History, Constitution, and American Ideals requirement when both HIST 17B and POLSCI 1 or HIST 17A are completed.

1800 American Government (Semester)

Prerequisites: *12th grade*

A-G

In the government course students apply knowledge gained in previous years of study in order to pursue a deeper understanding of the principles of American civics and the standards and objectives that go into the making of our *Republic*, our Constitution, and develop an understanding of democracy.

1801 Economics (Semester)

Prerequisite: *12th grade*

A-G

In the economics course students draw on previous coursework, especially math, to grasp the concepts of microeconomics and macroeconomics, to find a deeper understanding of the nation's fiscal and monetary policies and the Federal Reserve System.

SCIENCE

3100 Biology

Prerequisites: *9th grade*

A-G

Biology is a two-semester college preparatory lab science class that is aligned to the California State Content Standards and covers topics related to cells, DNA/RNA synthesis, genetics, ecology, evolution, classification, photosynthesis/respiration, and anatomy/physiology. This course satisfies the life science requirement for graduation. This is the first recommended course in the UC/CSU science pathway.

3700 Chemistry

Prerequisites: *passing grade in Biology*

A-G

This is a standards-based course which includes an overview of atomic and molecular structure, chemical bonds, conservation of matter, stoichiometry, gases and their behaviors, acids and bases, solutions, chemical equilibrium, and periodic law. This course satisfies the physical science requirement for graduation. This is the second recommended course in the UC/CSU science pathway.

9112 CHEM 10—Concepts of Chemistry (3 units) (Dual Enrollment)

CSU/UC

Prerequisites: *10-12th grade*

Survey of basic concepts and practices of chemistry; designed for non-science majors desiring an introduction to fundamental chemistry concepts and skills. Not intended for students who will enroll in subsequent chemistry.

3950 Anatomy and Physiology

Prerequisites: C or better in Biology or teacher recommendation

A-G

In this conceptual survey of anatomy and physiology, students will cover standards- based information about: Anatomy and Physiology in the following systems: directional terminology, integumentary, skeletal, muscular, nervous, cardiovascular, respiratory, lymphatic, digestive and reproductive systems. This course satisfies the life science requirement for graduation. This is a recommended course in the UC/CSU science pathway.

3800 Physics

Prerequisites: passing previous science courses

A-G

In this conceptual survey of physics, students will cover standards-based information about: Mechanics, properties of matter, heat, sound and light, electricity and magnetism, atomic and nuclear physics. This course satisfies the physical science requirement for graduation. This is the third recommended course in the UC/CSU science pathway.

6604 Forensic Science

A-G

Prerequisite: C or better in Biology

Forensic Biology applies the knowledge and technology of science to criminal laws. Science occupies an important role in the criminal justice system. The scientific community supplies accurate and objective information that reflects the events that occur at a crime. This class focuses on various aspects of forensic science and analysis. We will focus on laboratory investigation, reporting, and research to provide students with scientific reasoning and writing tools. This is a laboratory-based science class.

3150/3160 Zoology & Botany

A-G

Prerequisite: C or better in Biology

The course is designed to introduce students to the fundamental concepts and principles of zoology and botany. This course surveys the major animal groups and familiarizes students with the diversity of the plant kingdom.

9103 ENVHR 20- Fundamentals of Environmental Horticulture (3 units) (Dual Enrollment WCC)

CSU/UC

Introduction to the principles of environmental horticulture with emphasis on garden practices, environment and plant growth, pruning, propagation, soils, fertilizers, and greenhouse techniques.

9107 PLSCI-20L- Principles of Plant science (4 units)

CSU/UC

Prerequisite: Biology

(Dual Enrollment WCC)

Principles of plant growth including structure, growth processes, propagation, physiology, growth media, and biological competitors. Laboratory topics include microscope use, plant structures internal and external, photosynthesis, respiration and other aspects of plant growth and development.

9113 AG 45- Principles of Animal Science (3 units) (Dual Enrollment WCC)

CSU/UC

Prerequisite: Biology

An overview of the principles of animal science and the interrelationship of domestic animals and humankind. This course will investigate animal anatomy, physiology, reproduction, nutrition, health, products and by-products as well as behavior and genetics from a scientific perspective. Current topics on influences of humans on genetic potential and productivity will be addressed. Experimental design and reporting, animal dissections, basic animal handling and husbandry practices, recognition of animal health, and use of biotechnology in animal science.

6602 Agricultural Biology

Prerequisite: None

A-G

This course is intended for agriculture students as a two-semester college preparatory lab science class that is aligned to the California State Content Standards and focuses on particular sections of the Agricultural Industry. Students spend additional time setting up and improving their supervised agricultural experience projects as well as compete in several project competitions. Their coursework focuses mainly on production agriculture and strives to send students down one of two paths: either mechanical or scientific-based agricultural careers. This course as well as one year of physical lab science, meets UC/CSU admissions requirements for area “D”, laboratory sciences.

6603 Agriculture Soil Chemistry

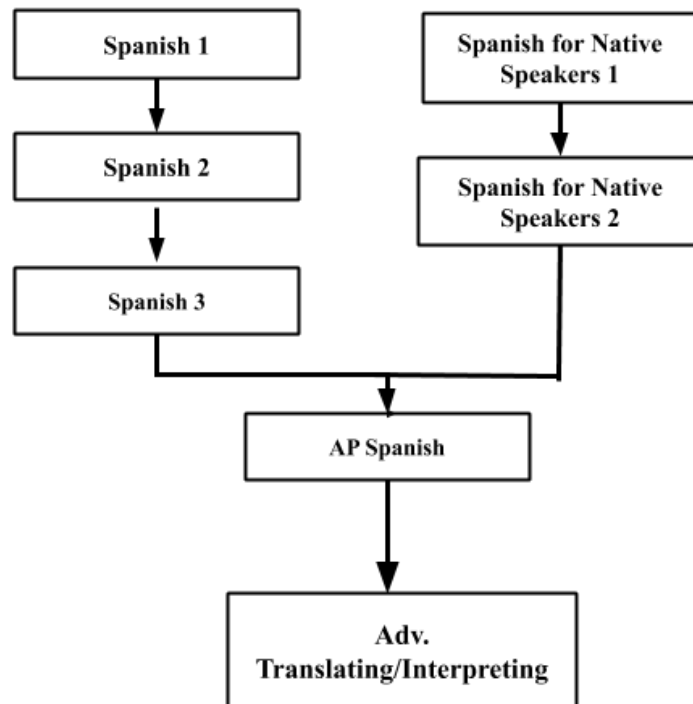
Prerequisite: Biology or Ag Biology

A-G

This course explores the physical and chemical nature of soil as well as the relationships between soil, plants, animals and agricultural practices. Students examine properties of soil and land and their connections to plant and animal production. Using knowledge of scientific protocols as well as course content, students develop an Agriscience research program to be conducted throughout the first semester of the course. Additionally, students develop and present a capstone soil management plan for agricultural producers, demonstrating their knowledge of the soil chemistry content learned throughout the course. Throughout the course, students are graded on participation in intracurricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program.

FOREIGN LANGUAGE

All language classes may require a placement exam. The following is a diagram of the possible pathways.



- 4000 Spanish 1 (9th-12th)** **A-G**
Prerequisite: None
Introductory course that covers language content and culture. This class focuses on the structural understanding of the language and its practical applications.
- 4100 Spanish 2 (9th-12th)** **A-G**
Prerequisite: C or better in Spanish 1 or placement exam or teacher/admin approval
A follow up course to Spanish 1 where language content and culture are studied more in depth. This course covers all ten simple tenses and their applications within the Language
- 4200 Spanish 3 (9th-12th)** **A-G**
Prerequisite: C or better in Spanish 2 or placement exam or teacher/admin approval
A grammatical and cultural awareness course designed for a broader understanding of the Spanish language and culture. This course builds on the foundation learned in Spanish 2 and is preparing students for AP Spanish Language or Spanish 4.
- 4350 Advanced Placement (AP) Spanish Language and Composition** **A-G**
Prerequisite: C or better in Span 2 NS or Span 3 or placement exam or teacher/admin approval
The AP Spanish Language Course, which is conducted completely in Spanish, is designed to help students become proficient in the Spanish language and to successfully complete the AP Spanish Language Exam. Students are encouraged to practice Spanish with their peers and keep a log of time spent practicing the four skills of language learning: speaking, listening, writing, and reading.
- 4050 Spanish for Native Speakers 1 (9th-12th)** **A-G**
Prerequisite: Placement by Diagnostic exam or teacher/admin approval
Students will develop strong literacy skills and develop reading skills through the use of texts, magazines, and newspapers. Writing skills through essays which address students' life experiences. Grammar terms and structures will be introduced. Latino and American cultures will be explored. The class will be conducted entirely in Spanish.
- 4055 Spanish for Native Speakers 2 (9th-12th)** **A-G**
Prerequisite: Placement by Diagnostic exam or teacher/admin approval
Course builds upon the knowledge gained in Spanish for Native Speakers 1. Students will also reinforce the skills learned in Spanish 1. This course continues the development of reading, writing, speaking, listening and critical thinking skills in Spanish through the study of relevant literature, magazines and authentic resources. Students are empowered through self-expression in writing and speaking, and self-esteem is enhanced through appreciation of Latin American literature and culture. This class will be conducted entirely in Spanish.
- 4056 Adv. Translating/Interpreting (9th-12th)** **A-G**
Prerequisite: AP Spanish
Advanced level course where students will learn how to do translation as a career, as a business, and get real application of translation. Students will take this course as well as a certification test. Upon completion, students will have passed the AP Spanish course, earned the Seal of Biliteracy and be ready to start post-secondary education in translation.

State Seal of Biliteracy

To qualify for the Seal, high school graduates must meet all of the following criteria:

1. Completion of all English language arts requirements for graduation with an overall grade point average (GPA) of 2.0 in those classes.
2. Passage of the California Assessment of Student Performance and Progress (CAASPP) for English language arts, administered in grade eleven, at or above the “standard met” achievement level.
3. Proficiency in one or more languages, other than English, demonstrated through **one** of the following methods:
 - a. Passage of a world language Advanced Placement (AP) examination with a score of 3 or higher. **OR**
 - b. Successful completion of a four-year high school course of study in a world language, attaining an overall GPA of 3.0 or higher in that course of study, and demonstration of oral proficiency in the language comparable to that required to pass an AP or IB examination

VISUAL AND PERFORMING ARTS

6017 Ceramics

Prerequisite: None

A-G

A course for general and college prep students in grades 9, 10, 11, 12. This course will engage students in learning the fundamental principles, processes, and techniques of hand building while making functional and sculptural works using a variety of decorative techniques. Students will design, develop, and produce their own projects such as masks, mugs, dishes, etc. and will learn design, sculpting techniques, the use of pottery wheels, glazing high and low firing, and hand building with various clay bodies. Students will learn ceramics skills that they will use and enjoy the rest of their lives.

6018 Ceramics 2 (Advanced Ceramics)

Prerequisite: Ceramics

A-G

This course will engage students in learning the advanced principles, and techniques of ceramic design and production which they will use to create their own 3D portfolio of work. Students will design, develop, and produce their own projects and will learn design, clay sculpting techniques, the use of pottery wheels, glazing, firing, and advanced hand building with clay.

6023 Ceramics 3

A-G

Prerequisite: Ceramics 1 and 2 or teacher’s recommendation

In Ceramics 3, students will explore 3D design with greater detail using a range of techniques and creative problem solving. Students will explore functional and nonfunctional art as well as study the historical and cultural context. In this course, students will be learning the advanced principles, and techniques of ceramic to create a 3D portfolio of work. Students will design, develop, and produce their own projects and will learn design, clay sculpting techniques, the use of pottery wheels, glazing, firing, and advanced hand building with clay. They will learn how to load, maintain, and operate ceramics equipment.

5000 Studio Art 1

Prerequisite: None

A-G

Beginning Art is intended to help students learn how to investigate the principals and elements of art and apply these principles to their own artwork. The course includes observation and critique of their own and masterworks art, and the public display of their works at school and locally. In addition, the student will be able to, use art elements realistically and expressively, combine the art principles of emphasis, movement, balance, proportion, repetition, harmony, and a variety and medium to create compositions, explore artists and their styles, and learn the history of art and it evolution through time.

5015 Art 2

Prerequisite: C or better in Art 1

A-G

Students will become proficient in a variety of media by creating artworks that are about personal and artistic concepts. Students will become more visually articulate, more verbally articulate, and more proficient at writing about artistic issues. Students will create a portfolio of a variety of works that could be used for an A.P. Studio Exam, or a college admissions portfolio. Artwork will be made in the studio, during class time, and at home. Analyze ways artists and other cultures find and interpret ideas through problem solving in art. Refine and apply creative thinking skills to demonstrate ways artists and cultural images may be combined to produce works of art. Select appropriate tools and techniques to develop sophisticated and personal responses to art projects. Design and render compositions that reflect a personal aesthetic. Adapt and utilize images and design symbols as icons for use as metaphors, analogies, and allegories. Demonstrate an understanding of ways to assess personal development through the maintenance of a portfolio. Develop and maintain a digital portfolio for the purpose of participating in a web-based community.

5017 Art 3

Prerequisite: Art 1 and Art 2 or teacher recommendation

A-G

Art 3 is a course for general and college prep students in grades 10, 11, 12. In Art 3, students will explore 2D and 3D design with greater detail using a range of techniques and creative problem solving. Students will explore different media as well as study the historical and cultural context.

In this course, students will be learning the advanced principles, and techniques of drawing, painting, and 3D art that incorporates the elements of art and principles of design.

6005 Beginning Band

Prerequisite: None

A-G

The beginning band is an introductory instrumental music course. Instruments in the band include Flute, Clarinet, Saxophone, Trumpet, Trombone, Baritone, Horn and Percussion (Xylophone, concert drums, and auxiliary percussion). Performances include two yearly concerts plus a festival. Students are expected to practice, at home, at least one hour per week and attend all performances.

6006 Adv. Band

Prerequisite: C or better in Beg. Band

A-G

The advanced band is the premiere-performing group on campus. This group has intensive performance requirements with many performances outside of class time. Some performances include competitions throughout California, a variety of home games and semester concerts. Attendance at these events outside of class is required. Marching and concert literature will be performed throughout the year. **Requirements-2years on your instrument or permission from the director.**

6011 Guitar

Prerequisite: None

A-G

Designed for the beginning guitar student, this course includes fundamentals of playing the guitar, including chord structure, basic notation, and strumming techniques. Students are provided an acoustic guitar and are expected to practice daily.

6016 Beginning Mariachi

A-G

Prerequisite: None

Students learn the basics of one of the instruments of the mariachi (violin, guitar, vihuela or guitarron) from the beginning stages. All students will also learn the fundamentals of singing. *Prerequisite: Desire to learn mariachi music and ability to hear pitches.*

6019 Advanced Mariachi

Prerequisite: Beginning mariachi

A-G

This class is designed for students who have completed at least one year of mariachi music (or the equivalent) on one of the mariachi instruments. The curriculum is focused on learning complete songs chosen from the classics of the mariachi repertoire: rancheras, boleros, sones, corridos, polkas, and huapangos. Students must be prepared to sing.

6015 Music Technology

Prerequisite: None

A-G

This course will utilize technology to understand, create and record music. Students will be exposed to engineering and recording and will gain exposure to music software, notation programs, sequencing, marketing, and copyrights.

1051 Music Appreciation (9-12)

Prerequisite: None

Exploratory Music is a general introductory music course that incorporates the various aspects of music. Students will be introduced to elements of music, music history and its great composers, styles and cultures of music, the development of music listening skills, music appreciation, music performance, and elementary music theory.

Agriculture Floral Design

Prerequisite: 10th-12th grade, C or better in an Ag class

A-G (pending approval)

Throughout this course, students will demonstrate an understanding of the principles and elements of floral design. Students will prepare flowers and plants for floral arrangements. In addition, students will prepare floral arrangements for special occasions using the principles and elements of design, such as designing single flower boutonnieres to multiple flower arrangements. It will also give students a hands-on opportunity to use their own creativity and artistic abilities in preparing their principles and elements of design. In addition, students will become more familiar with the different aspects in the floral design industry.

PHYSICAL EDUCATION

2500 Physical Education

Prerequisites: None

In this course students are expected to pass the California PE Standards. Students will also be tested in the state mandated Fitness gram Test, including flexibility, upper body strength, curl ups, aerobic capacity and body mass index. Additionally, students will participate in Football, Volleyball, Soccer, Lacrosse, Badminton, Basketball, Pickle Ball, Dance, and Softball.

2510 Weight Training (10-12th Grade)

Prerequisites: C or better in PE and 10th grade

This is a course designed to educate people on how to train with free weights, their body weight, and leverage weight. The class explains how to get results through specific training regimes. Basic nutritional guidelines are also covered.

9TH GRADE REQUIREMENTS:

9th graders are required to complete and pass two courses during 9th grade. The two semester classes are worth 5.0 credits each for a total of 10 credits. The semester classes are the following:

1. **Career Seminar** : This course is designed to help students learn and practice essential skills to become college and career ready. Students will demonstrate understanding of career pathways through a variety of assessments, projects, speeches and research assignments. Students will identify academic interests, skills, values, and personality types, research employers and industries, and gain experience with public speaking and interview skills. Students will become proficient with college and job search tools, learn goal setting, and strengthen research and writing skills. Students will develop an online portfolio and will complete a 10-year plan that includes not only graduation from high school but also completion of post-secondary education or career training.
2. **1600 Geography**: This course introduces students to the world's geographic regions and allows them to relate that knowledge to events in today's rapidly changing world. Contemporary issues confronting the world today, such as world trade, problems of developing nations, urbanization, environmental pollution, and conservation of the world's resources are addressed. Students develop certain basic geography skills. These include map reading and place name identification along with the interpretation of charts and diagrams. As students gain a global perspective of geography, they become increasingly aware of their role as a global citizen today.

CAREER TECHNICAL EDUCATION AND PATHWAYS

CTE Pathways:

In order to be considered a CTE Pathway completer in any area, you must complete a class from each level in the pathway. Your pathway class must start with a Level 1 and be completed in order.

I. Agricultural Mechanics Pathway

Introduction-Practical Agricultural Mechanics **Course 6625**

Concentrator-Advanced Agricultural Mechanics **Course 6635**

Capstone- Ag. Construction **Course 5036**

6625 Pract. Ag Mechanics

Prerequisite: None

A-G

This course develops knowledge and technical skills in the broad field of agricultural machinery, equipment, structures and careers. The primary purpose of this course is to prepare students to handle the day-to-day problems, accidents, and repair needs they will encounter in their chosen agriculture career. Topics include agriculture mechanics safety, agriculture engineering and mechanics career opportunities, hand/power tool use and selection, electrical wiring, basic metal working, basic agricultural construction skills related to plumbing, concrete, basic welding, and leadership development.

6635 Adv. Ag Mechanics

Prerequisite: C or better Ag Mechanics I/Prac Ag Mechanics

A-G

Advanced Ag Mechanics is a project based class using the skills learned in Ag Mech I which are; gas welding, electric arc welding, shielded wire welding. Plasma and oxy/acetylene welding. Also; Oxy/ acetylene cutting and plasma cutting of mild steel will be covered. Students are asked to provide an Ag related project to be restored and could be shown at the county fair. Safe shop practices are emphasized throughout the class.

5036 Ag Construction

Prerequisite: Pract. Ag Mechanics and Adv. Ag. Mechanics

This course covers framing, concrete, electrical and plumbing. Hands on shop class with projects. Skills in physics, geometry, and algebra are reinforced in the course. Work-based learning strategies appropriate for this course are agriscience projects, field trips, shadowing, and supervised agricultural experience (SAE). Supervised agricultural experience (SAE) programs and FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies.

II. Agriscience Pathway

Introduction-Agriculture Biology **Course 6602**

Concentrator-Agriculture & Soil Chemistry **Course 6603**

Capstone (complete one of the following)

PLSCI-20L **Course 9107**

EnvrHr 20 **Course 9103**

Ag 45 **Course 9113**

6602 Agricultural Biology

Prerequisite: None

A-G

This course is intended for agriculture students as a two-semester college preparatory lab science class that is aligned to the California State Content Standards and focuses on particular sections of the Agricultural Industry. Students spend additional time setting up and improving their supervised agricultural experience projects as

well as compete in several project competitions. Their coursework focuses mainly on production agriculture and strives to send students down one of two paths: either mechanical or scientific-based agricultural careers. This course meets UC/CSU admissions requirements for area “d” laboratory life sciences.

6603 Agriculture and Soil Chemistry

Prerequisite: *Biology or Integrated Ag Bio*

A-G

This course explores the physical and chemical nature of soil as well as the relationships between soil, plants, animals and agricultural practices. Students examine properties of soil and land and their connections to plant and animal production. Using knowledge of scientific protocols as well as course content, students develop an Agriscience research program to be conducted throughout the first semester of the course. To complete that whole project each student will investigate and test an Agriscience research question by formulating a scientific question related to the course content, formulating a hypothesis based on related research, conducting an experiment to test the hypothesis, collecting quantitative data, and forming a conclusion based on analysis of the data. The result of this research program is an in-depth research and experimentation paper that is technically written, based on scientific protocol, and cited using APA formatting. Additionally, students develop and present a capstone soil management plan for agricultural producers, demonstrating their knowledge of the soil chemistry content learned throughout the course. Throughout the course, students are graded on participation in intracurricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program.

9107 PLSCI-20L- Principles of Plant science (4 units) Dual Enrollment Woodland Community College 10-12th

Principles of plant growth including structure, growth processes, propagation, physiology, growth media, and biological competitors. Laboratory topics include microscope use, plant structures internal and external, photosynthesis, respiration and other aspects of plant growth and development.

9103 ENVHR 20- Fundamentals of Environmental Horticulture (3 units) Dual Enrollment Woodland Community College 10-12th

Introduction to the principles of environmental horticulture with emphasis on garden practices, environment and plant growth, pruning, propagation, soils, fertilizers, and greenhouse techniques.

9113 AG 45- Principles of Animal Science (3 units) Dual Enrollment Woodland Community College 10-12th

Prerequisite: Biology

An overview of the principles of animal science and the interrelationship of domestic animals and humankind. This course will investigate animal anatomy, physiology, reproduction, nutrition, health, products and by-products as well as behavior and genetics from a scientific perspective. Current topics on influences of humans on genetic potential and productivity will be addressed. Experimental design and reporting, animal dissections, basic animal handling and husbandry practices, recognition of animal health, and use of biotechnology in animal science.

Other ROP Courses:

7902 Yearbook

Prerequisite: *8th grade or higher*

A-G

This course provides instruction and guidance in the development of the school newspaper and the annual yearbook. Students must be “self-starters,” able to meet deadlines, able to write effectively and be available to cover school events such as sports, assemblies, rallies, music concerts, and award ceremonies outside of class on occasion. Instruction will include use of an on-line website for yearbook development, Photoshop, photography, and Canva for newspaper creation.

COMPUTER APPLICATIONS

7902 Yearbook

Prerequisite: 8th grade or higher

A-G

This course provides instruction and guidance in the development of the school newspaper and the annual yearbook. Students must be “self-starters,” able to meet deadlines, able to write effectively and be available to cover school events such as sports, assemblies, rallies, music concerts, and award ceremonies outside of class on occasion. Instruction will include use of an on-line website for yearbook development, Photoshop, photography, and Canva for newspaper creation.

8100 Exploratory Computer Science

CS Explorations is an introductory computer science course that empowers students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun. The course takes a wide lens on computer science by covering topics such as programming, physical computing, HTML/CSS, and data. The course inspires students as they build their own websites, apps, games, and physical computing devices.

NON-DEPARTMENTAL ELECTIVES

9056 AVID 9/10

A-G

Prerequisite: Maintain a 2.25 GPA.

Students learn how to ensure competitiveness for college and scholarships, AVID students must progress on a four-year plan to meet their A-G requirements for UCs/CSUs, build a portfolio, concurrently enroll in at least one Honors or AP class, participate in extra-curricular and community volunteer opportunities, and demonstrate very high work ethic. Students are expected to register and take college entrance exams and college entrance prep exams such as PSAT , ACT-ASPIRE, SAT , and/or ACT.

9057 AVID 11/12

A-G

Prerequisite: Maintain a 2.25 GPA.

Students continue mastery of AVID practices. The focus is the successful completion of high school and a successful transition into college. Students prepare for and finalize all applicable tests requirements, complete college applications, write a personal statement, apply for financial aid (CAL Grants, FAFSA, scholarships) and prepare for adulthood/independence. Seniors complete a research project and present final portfolio.

9058 AVID 12

A-G

Prerequisite: Maintain a 2.25 GPA., 12th grade

Students continue mastery of AVID practices. The focus is the successful completion of high school and a successful transition into college. Students prepare for and finalize all applicable tests requirements, complete college applications, write a personal statement, apply for financial aid (CAL Grants, FAFSA, scholarships) and prepare for adulthood/independence. Seniors complete a research project and present a final portfolio.

9054 AVID Tutor

Prerequisite: 9th grade

AVID tutors will receive training in AVID tutorial strategies and use these skills to participate as facilitators of AVID tutorials in various AVID classrooms. In addition, they will partner with other educators to extend their knowledge and training by sharing these skills with non-AVID students as they conduct tutorials and collaborative study groups in various core-curricular classrooms.

8060 Unscheduled***Prerequisite: 12th Grade***

If a senior is on track to graduate and achieve A-G ready status upon graduation and still have an extra class period, they may choose to have an unscheduled period either at the start or end of the day with administrative approval.

8040 Leadership**A-G**

This course is designed to give students a competitive advantage in the working world. This course will provide the student with valuable leadership and communication skills that a person will use in their everyday lives. During this course, a student will develop their own personal leadership portfolio (resume), learn to develop their speaking skills, develop team-building skills and plan school and community activities. This course is recommended for students involved in student organizations in and out of school.

Mexican American Studies***Prerequisite: 9th-12th grade*****A-G (pending approval)**

Mexican American studies is an elective course in which students will learn about the historical and cultural contributions of Mexican Americans. Students will explore the complexities of the Mexican American experience from the twentieth and twenty-first centuries as well as the historical background of Mexican Americans. Students will examine a variety of texts, maps, videos, films, and data to develop their understanding of the Mexican American experience. Students will also identify the importance of historical events such as pre-Columbian civilizations, conquest and colonization, Independence, Immigration, the Chicano Rights Movement, and many other events.

WCC/WHHS DUAL ENROLLMENT INFORMATION/CLASSES

2022-2023

Dual Enrollment:

Williams Jr Sr High School is an Early College High School. ECHS is a unique opportunity for students to earn college credits from Woodland Community College (WCC) while working towards their high school diploma. Students enroll in a class that counts for credit towards graduation from WJSHS as well as towards a college degree. Students are able to enroll for free in these courses. Classes are on the WJSHS campus and during the regularly scheduled school day. All students from 9th to 12th grade are able to enroll in the Dual Enrollment courses. For students who would like to make the most of this program, they can also enroll in tuition-free summer offerings. If a student maximizes the number of courses taken, they can complete the requirements for IGETC. IGETC is the Intersegmental General Education Transfer Curriculum. IGETC is a series of courses that California community college students can complete to satisfy all freshman and sophomore level general education requirements before transferring to most colleges and majors at UC campuses. Essentially, students can transfer after high school graduation into a UC campus as a Junior in college, saving 2 years of tuition! For more information, please visit/contact the counseling department. Students should begin this process as early as summer following 8th grade and no later than first semester 9th grade year to ensure they can complete all the requirements.

9103 ENVHR 20- Fundamentals of Environmental Horticulture (3 units)

CSU/UC

Introduction to the principles of environmental horticulture with emphasis on garden practices, environment and plant growth, pruning, propagation, soils, fertilizers, and greenhouse techniques.

9107 PLSCI-20L- Principles of Plant science (4 units)

CSU/UC

Principles of plant growth including structure, growth processes, propagation, physiology, growth media, and biological competitors. Laboratory topics include microscope use, plant structures internal and external, photosynthesis, respiration and other aspects of plant growth and development.

9105 HUMAN 10- Intro to Western Humanities (3 units)

CSU/UC

Learning the habit of making connections through thinking, feeling, sensing, and intuition, integration of the arts, architecture, music, philosophy, and history from pre-history through the Renaissance.

9111 EDUC 15- Educational Inequalities in the U.S. School System (3 units)

CSU/UC

This course examines the social, political, economic, and historical context of inequities in the U.S. education system, from preschool to higher education. Students will be introduced to a set of concepts and theories from which to better understand the educational experiences and realities of historically underrepresented students. This course will also challenge students to be more reflective about their educational experiences, and to apply the concepts introduced in class to an analysis of their own educational and service learning experiences.

9113 AG 45- Principles of Animal Science (3 units)

CSU/UC

Prerequisite: Biology

An overview of the principles of animal science and the interrelationship of domestic animals and humankind. This course will investigate animal anatomy, physiology, reproduction, nutrition, health, products and by-products as well as behavior and genetics from a scientific perspective. Current topics on influences of humans on genetic potential and productivity will be addressed. Experimental design and reporting, animal dissections, basic animal handling and husbandry practices, recognition of animal health, and use of biotechnology in animal science.

- 9112 CHEM 10—Concepts of Chemistry (3 units)** **CSU/UC UC**
Prerequisite: Biology
 Survey of basic concepts and practices of chemistry; designed for non-science majors desiring an introduction to fundamental chemistry concepts and skills. Not intended for students who will enroll in subsequent chemistry coursework. (L)
- 9116 HIST 17A United States History (3 units)- Dual Enrollment Class** **CSU/UC**
Prerequisites: *11th grade*
 Survey of U.S. history tracing the political, social, economic, and cultural development of American ideals and actions from the Pre-Revolutionary Period through the Civil War Era. Satisfies CSU Title V, Section 40404, U.S. History, Constitution, and American Ideals requirement when both HIST 17A and POLSCI 1 or HIST 17B are completed.
- 9110 HIST 17B United States History- Dual Enrollment Class** **CSU/UC**
Prerequisites: *11th grade*
 Political, social, economic, and cultural history of the United States from the Industrial Revolution to the present. Focuses on the ideals, decisions, forces, institutions, individuals, events, and processes that affected the continuity and change during this time. Satisfies CSU Title V, Section 40404, U.S. History, Constitution, and American Ideals requirement when both HIST 17B and POLSCI 1 or HIST 17A are completed.
- 9115 POLSCI 1- Introduction to American Government (3 Units) Dual Enrollment** **CSU/UC**
Prerequisites:
 Survey of American government and politics, covering three parts: the foundations, politics, and institutions. First, it will explore the foundations of American democracy, such as: political culture, the Constitution, civil liberties, and civil rights. Second, it will analyze American politics in the aspects of the media, political parties, elections, and interest groups. Finally, political institutions will be examined, such as the Congress, the presidency, the courts, and the federal bureaucracy. State and local governments are included. Satisfies Government(s) Constitution(s) portion of California State University Title 5, Section 40404.
- Philosophy 20-Introduction to World Religion. (3 Units) Dual Enrollment** **CSU/UC**
 A survey of the beliefs and practices of Eastern and Western religious traditions. Emphasis will be given to the origin and development of each tradition, its major forms of expression, and the various ways in which each tradition addresses the most fundamental questions of human existence.

STUDENT CLUBS

*Clubs are dependent on Teacher interest and student enrollment. Clubs will vary from year to year. Not all clubs are currently listed, please contact Ms. Balbiani, ASB coordinator (email- lbalbiani@williams.k12.ca.us) for more information.

***Pep Band:**

A club that band students can be involved in to encourage students to perform in challenging environments and events.

***ASB Leadership:**

The Student Activities program is generally the major means of fulfilling those objectives which are not adequately served by regular classroom instruction. Typically, student activities are characterized by extensive participation in both the planning and executing of said activities. Experiences in the Student Activities Program are designed to help meet the leisure, recreational, social and emotional interests and needs of the students.

***Art:**

Art club meets weekly in order to explore different media and art experiences. Our goals include one field trip a year to an art gallery. All students are welcome to join the art club.

***Class Clubs**

***Garden Club:**

To grow plants, vegetables, flowers and herbs to maturity with the possibility of selling them to the community and school cafeteria. They will also take on some responsibility of planting flowers and plants around the high school campus. The group plans to have a formal meeting at least once a month but certain people will be meeting daily in the greenhouse to monitor the garden and water plants. The club will have a president, vice president, treasurer and secretary. It appears the Garden Club will be made up of approximately 20-30 student participants.

***CSF:**

The California Scholarship Federation is a club whose admission is based on a point system. Eligibility is determined by grades and classes taken. This is a prestigious organization that allows limited membership.

***FFA:**

The Future Farmers of America is a club that is obviously tied to agriculture and is a fun group to be a part of. From Greenhand ceremonies to community service FFA is a great club to keep you in touch with the agricultural industry. The only requirement is that the student be enrolled in an Ag class.

***Friday Night Club**

***MECHA:**

Is a student organization which promotes educational and academic success? Membership is open to all who are interested in learning about the Latino culture, including Chicano history.

***LGBTQ**

***Peer Leadership:**

The Peer Leadership organization is a group of elite and trained students. They assist other peers with personal problems and help guide them through crises

PARENT CLUBS/ORGANIZATIONS

Brown and Gold:

The purpose of the Foundation shall be to encourage community support in financing athletic programs In the Williams Unified School District and further, to stimulate a spirit within the community to rally in support of the school's athletics and students.

School Site Council:

The purpose of this Council shall be to:

1. Develop and recommend the School Improvement Plan;
2. Have ongoing responsibility to review with the principal, teachers, other school personnel, and pupils the implementation of the school improvement program and assess periodically the effectiveness of the program;
3. Annually review the school improvement plan, establish a budget consistent with the Education Code, and; if necessary, make modifications.

District English Learner Advisory Committee (D.E.L.A.C.): is an elected group of parents who advise the district, English Learner Advisory committee, principals, and staff in the development of the bilingual education portion of the district school plan, district wide needs assessment; and district goals for ELD students.

English Learner Advisory Committee (E.L.A.C.):

Is an elected group of parents who advise the principal and staff in the development of the bilingual education portion of the school plan. The E.L.A.C. also acts as a liaison between parents and the school. The E.L.A.C. meets every month as needed.

The Williams Unified School District (WUSD) is committed to ensuring equal, fair, and meaningful access to employment and education services. The WUSD does not discriminate in any employment practice, education program, or educational activity on the basis and/or association with a person or group with one or more of these actual or perceived characteristics of age, ancestry, color, disability, ethnicity, gender, gender identity or expression, genetic information, marital status, medical condition, national origin, political affiliation, pregnancy and related conditions, race, religion, retaliation, sex (including sexual harassment), sexual orientation, or any other basis prohibited by California state and federal nondiscrimination laws respectively

COUNSELING SERVICES

The WJSHS Counselors follow the American School Counseling Association National Model in providing a comprehensive counseling program. The counseling team provides services in the following three domains:

ACADEMIC A. Students will acquire the attitudes, knowledge and skills contributing to effective learning in school and across the lifespan. B. Students will complete school with the academic preparations essential to choose from a wide range of substantial post-secondary options, including college. C. Students will understand the relationship of academics to the world of work and to life at home and in the community.

CAREER A. Students will acquire the skills to investigate the world of work in relation to knowledge of self and make informed career decisions. B. Students will employ strategies to achieve future career goals with success and satisfaction. C. Students will understand the relationship between personal qualities, education, training, and the world of work.

PERSONAL/SOCIAL A. Students will acquire the knowledge, attitudes, and interpersonal skills to help them understand and respect self and others. B. Students will make decisions, set goals, and take necessary action to achieve goals. C. Students will understand safety and survival skills.

Alternative Programs

Mid Valley Alternative High School- Provides opportunities for students not succeeding in the traditional classroom setting to obtain academic credit and extended teacher/peer support in an alternative setting where the ultimate goal is that of achieving a high school diploma. Students are placed in this program by the recommendation of counselors and/or administrators.

Independent Study - This program is designed for students who may not be able to attend a traditional classroom setting for various reasons. Students in this program meet with their teacher once a week to ensure their academic plan is being followed. Students are placed in this program through evaluation by a counselor and/or administrator.