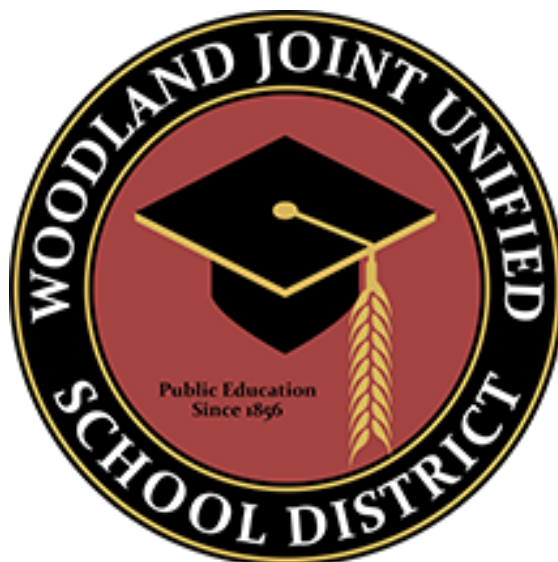

2025-2026



Comprehensive High School Course Catalog and Guide for College, Career, and Life-Ready Students

Woodland Joint Unified School District

435 Sixth Street

Woodland, CA 95695

(530) 662-0201

Excellence for All

Table of Contents

Woodland Joint Unified School District	2
Board of Trustees	2
District Administration	2
Letter from the Superintendent	3
Mission Statement	4
District Goals	4
District Equity Policy	4
Graduate Profile	5
Comprehensive High Schools	6
Graduation Requirements	6
Credit Requirements	7
Credit Recovery	8
High School Course Options	8
College Credit Opportunities	9-11
Career Technical Education (CTE) Pathways	12
Ethnic Studies Courses	13
Course Descriptions	14
Agriculture	14-18
AVID (Advancement Via Individual Determination)	19-20
Business and Computer Science	21-22
English Language Arts & English Language Development	23-28
Family & Consumer Sciences	29-30
Industrial Education and Technology	31-32
Mathematics	33-37
Performing Arts	38-43
Physical Education	44-45
Science	46-50
Social Science	51-55
Special Education Courses	56-57
Visual Arts	58-62
World Languages	63-65
Non-Departmental Courses	66-67



Woodland Joint Unified School District

Board of Trustees

Deborah Bautista Zavala, *President*

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Kandice Richardson Fowler

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Business Services

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Human Resources

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Associate Superintendent
Educational Services



Letter from the Superintendent

WOODLAND JOINT UNIFIED SCHOOL DISTRICT

“Excellence for All”

Board of Trustees

Deborah Bautista Zavala President
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Laura Brubaker, Clerk
Bibiana Garcia
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District Website: www.wjUSD.org

Dear Parents and Students,

Welcome to high school in the Woodland Joint Unified School District. We are committed to the same standards of excellence, whether you attend Cache Creek, Woodland, or Pioneer High School. This catalog will provide you with the information necessary to successfully enroll in the upcoming year's coursework. Please read the catalog carefully as each course description provides valuable information and prerequisite requirements.

The most recent and updated course catalog can be found on our district website at www.WJUSD.org, or upon request, a catalog can be provided to you. Please pay particular attention to the following areas in the catalog:

- High School Graduation Requirements section.
- “A-G” Certified Course Lists section. (These courses meet the requirement for a University of California and/or California State University educational institution as well as some private universities.)
- How to Read Your Course Catalog section. Specific page numbers for the above sections can be found in the table of contents.

This year's course catalog features additional coursework offerings for our students. We are excited to be able to continue to build a strong secondary education program at Cache Creek, Pioneer, and Woodland High Schools.

If you have any coursework or graduation questions, please do not hesitate to contact our school site counseling office for assistance.

Warmest Regards,

Elodia Ortega-Lampkin
Superintendent

Vacant
Principal, Cache Creek High

Sandra Reese
Principal, Pioneer High School

Gerald Salcido
Principal, Woodland High School



Mission Statement

The mission of Woodland Joint Unified School District is to prepare and empower all students for a future of endless possibilities

Vision

"Excellence For All"

- *Excellence in Student Achievement*
- *Excellence in Communication*
- *Excellence in Facilities and Operations*

District Goals



Goal 1: College and Career Ready

Each student will meet the skills and competencies of the graduate profile in order to be college and career ready through a rigorous, intellectually rich, and culturally relevant environment.

Goal 2: Meet Social-Emotional and Academic Needs

Each student's individual social-emotional and academic needs will be met through quality first instruction, enrichment, and intervention in a safe, supportive, and inclusive environment.



Goal 3: Accelerate English Learner Achievement

Accelerate the academic achievement and English proficiency of each English learner through an assets-oriented approach and standards-based instruction.

Goal 4: Engagement and Leadership Opportunities for Youth

Provide meaningful engagement and leadership opportunities for youth to directly and significantly shape each student's education and school community.



District Equity Policy

From WJUSD Board Policy 0415

All students deserve excellent schools, which are culturally responsive and set high expectations, a high-quality learning environment, and equitable resources to ensure that they are reaching their full potential.

WJUSD will be purposeful about providing equitable access to all essential educational opportunities for all WJUSD students, especially diverse and disadvantaged students who have historically been underserved by educational institutions.

All WJUSD policies and practices will reflect the goal of reducing gaps in educational opportunity to ensure all students achieve academic proficiency and college and career readiness. The district will examine and monitor policies, programs, practices, and written documents to ensure that they are consistent with this goal. The district is determined to reduce persistent disparities in achievement, performance and socio-emotional adjustment among subgroups based on factors such as race, ethnicity, language, national origin, gender, sexual orientation, gender identity, gender expression, socio-economic status or disability.



Graduate Profile

GRADUATE PROFILE

WJUSD will graduate students who are...



CRITICAL THINKERS & PROBLEM SOLVERS

Students reason to understand complex issues with the ability to form questions and construct solutions.



ACADEMICALLY LITERATE

Students possess a base of knowledge requisite for college and career readiness through a rigorous offering of ethnically sensitive, standards-based classes and courses



CREATIVE

Students explore multiple possibilities and use originality of thought to produce or express themselves through different modalities and discussion.



CIVIC-MINDED & CULTURALLY AWARE

Students develop and demonstrate an awareness of their responsibility to contribute to a diverse society. They recognize and respect the differences of people from other ethnic and cultural backgrounds by celebrating diversity and individuality, including students of varying social, emotional, and physical abilities.



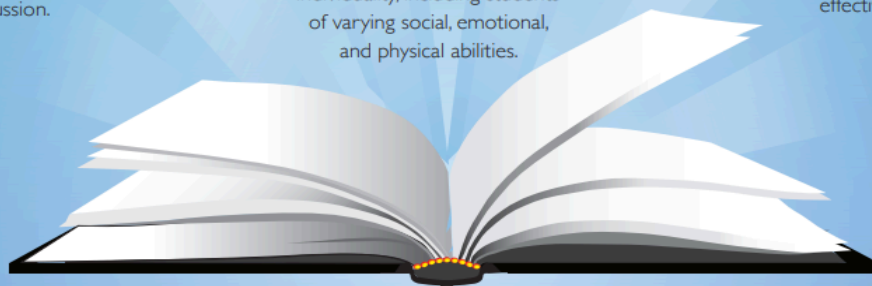
COMMUNICATORS

Students seek to understand and be understood through clear, concise writing, and collaborative, respectful, open minded articulation and discussion.



RESPONSIBLE & PRODUCTIVE

Students demonstrate a strong work ethic; complete tasks on time; utilize resources to get assistance when needed; prioritize attendance; and contribute effectively to society.



Woodland Joint Unified School District
Woodland, CA



[Return to table of contents](#)



Comprehensive High Schools



Pioneer High School
1400 Pioneer Avenue
Woodland, CA 95776
(530) 406-1148
[Website](#)



Woodland High School
21 N. West Street
Woodland, CA 95695
(530) 662-4678
[Website](#)

Graduation Requirements

A minimum of 230 credits must be earned in grades 9-12 in the following required courses

Credits	Subjects
40	English
10	World History
10	US History
10	American Government and Economics (American Government, 5 - Economics, 5)
30	Mathematics <i>To be eligible for a diploma, the student must have passed Integrated Math 1 or its equivalent.</i>
20	Science (Life Science, 10 - Physical Science, 10)
20	Physical Education
10	Fine Arts or World Languages or CTE
10	Technology (5 credits) & Health (5 credits) - Required for Class of 2024, 2025 & 2026 ONLY Freshman Seminar - Required for Class of 2028 and all future graduating classes <i>***This requirement is WAIVED for Class of 2027 ONLY***</i>
70	Elective Credits (additional credits earned from any of those above and/or other electives)
Total: 230	
Additional Requirements	
40 hours	Community Service
10 credits	Ethnic Studies (earned any time in grades 9-12 in an approved course in any of the above areas)

Ethnic Studies: In line with Board Resolution 35-15, all high school students must complete 10 credits of "Ethnic Studies". The requirement can be fulfilled by choosing from a variety of multicultural course offerings. Students will need to work with school counselors to select courses that meet the Ethnic Studies requirement.

[Return to table of contents](#)



Community Service: In compliance with Board Policy 6146.1 Graduation Requirements, all high school students must complete a minimum of 40 hours community service within a non-profit organization or agency. Non-profit organizations are defined as those groups who have a not-for-profit status granted by the state of California, such as Boy Scouts, Girl Scouts, Campfire, Woodland Memorial Hospital, Red Cross, Goodwill Industries, Wayfarer Center, etc. Non-profit agencies are those public agencies that serve students, such as the City of Woodland Parks and Recreation Department, Public Library, Fire Department, Police Department, etc. Hours can be earned by completing community service during the school year and/or in the summer beginning with the summer prior to the 9th grade. Students will need to present verification of hours served. Students may find Community Service Verification forms on the school websites or within the school counseling office.

Volunteer Service Credits: After a student has fulfilled the graduation requirement of 40 hours, one credit can be issued for every 15 hours of documented community service completed beyond the required 40 hours. The credits will be listed each semester on the school transcript. Students have the opportunity to earn up to 10 high school elective credits through service to the community. Students will need to present verification of hours served and work with their counselors to get credits for the additional service.

Credit Requirements

Each student **must** register for seven periods per day.

Only 12th-grade students **in good standing** may petition for a shortened day, (ie., 1st and/or 2nd period) at Pioneer or Woodland High School.

Shortened Day Eligibility and Expectations

In order to provide additional time to take classes at local community colleges, explore the world of work, or participate in community activities, on-track seniors may be allowed to participate in a shortened school day. However, to participate, students must meet the established guidelines and the stated expectations.

Requirements to Be Eligible for Shortened Day:

- Satisfy all legal and local requirements, including, but not limited to, graduation.
- Obtain a minimum academic grade point average of 2.5 in grades 9-12, as of the first semester of the senior year or obtain a minimum grade point average of 2.5 in the fall semester of the senior year and enroll at a community college.
- Passage of all required courses, to date, towards graduation.
- Maintenance of at least 90 percent attendance, to date.
- Developed plan with counselor and parent for use of time when not in school. Parent/Guardian, counselor, student and principal sign the plan.
- Possess at least 200 credits prior to fall coursework (senior year) and at least 220 credits prior to spring coursework (senior year).
- The student's schedule must allow for the non-period to be at the beginning or end of the regular school day.
- Successful completion of a traditional course that meets five days per week for the 18 weeks of the semester earns five (5) semester credits.

Students at the comprehensive high schools, Pioneer and Woodland High, must complete a minimum of 230 credits in grades 9-12.

[Return to table of contents](#)



To be on track for graduation, students must have completed the following number of credits by successfully completing courses at the end of each academic year:

9th Grade Students	70 credits
10th Grade Students	90-140 credits
11th Grade Students	160-210 credits
12th Grade Students	230-280 credits*

*230 credits is the minimum number required for graduation, however, a student who successfully completes all course work and takes a full course load (7 courses) as a Senior, would be able to graduate with 280 credits.

State law provides that students who have failed to earn a diploma by ten credits or less must be offered the opportunity to make up for such deficiencies in a summer school program designed for that purpose

Credit Recovery

Students needing to recover credits after failing a course may do so through one of the following options:

- Credit Recovery (Edgenuity) class during the school year
- Repeating the course during the school year
- Repeating the course during summer school
- Taking an equivalent course at a community college
- Transferring to Cache Creek Continuation High School in 11th or 12th grade

Please see your counselor for more information about credit recovery options.

High School Course Options Lists

Below are links to the course options for the 2024-2025 school year. The first link will take you to a list of all course options in every department. The links that follow will take you to specific department/subject area course options.

- [All Course Options 25-26](#)

Department Specific Lists:

<ul style="list-style-type: none"> • Agriculture Course Options 25-26 • AVID Course Options 25-26 • Business/ Technology Course Options 25-26 • English Course Options 25-26 • Family and Consumer Sciences Course Options 25-26 • Industrial Education and Technology Course Options 25-26 • Math Course Options 25-26 	<ul style="list-style-type: none"> • Non- Departmental Course Options 25-26 • Performing Arts Course Options 25-26 • Physical Education Course Options 25-26 • Science Course Options 25-26 • Social Science Course Options 25-26 • Special Education Course Options 25-26 • Visual Arts Course Options 25-26 • World Language Course Options 25-26 <p>Return to table of contents</p>
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College Credit Opportunities

Articulation

Students can earn College Credit through Articulation Agreements and Dual Enrollment.

Articulated courses are agreements made between a high school CTE teacher and an associated Community College professor. Students receive college credit for the course at the end of the school year. The number of college credits depends on the agreement. See the CTE teacher for the courses below for specific college credit information.

All Articulated Courses receive 5 high school credits per semester, 10 for the school year, in addition to the college credits.

Articulated Courses		
WJUSD Course	College Course	Institution offering Credit
Foundations of Construction Technology	CONST 103: OSHA 10 Hour Safety Training	Cosumnes River College
Advanced Construction Technology	CONST 102: Introduction to Construction Practices	Cosumnes River College
Culinary Arts (PHS only)	HM 101: Introductory Culinary Skills	American River College
Restaurant Management (PHS only)	HM 300: Introduction to Hospitality Management	American River College
Careers in Culinary Arts (PHS only)	HM 310: Sanitation, Safety and Equipment	American River College
Child Development	ECE 3: Child Growth and Development	Woodland Community College
Careers with Children	ECE 1A: Principles and Practices of Teaching Young Children	Woodland Community College

Dual Enrollment

In Dual Enrollment, students take college courses during the regular high school day as part of their schedule.

The college course replaces one of their high school courses, and earns the credit toward graduation they would have earned by taking the regular high school course.

The number of high school credits a student earns for a dual enrollment course is determined by the number of units the course earns for the community college:

- A 3 unit college course earns 10 high school credits.
- A 4 unit college course earns 13.33 high school credits.

The grades students earn by taking dual enrollment classes appear on both their high school AND college transcripts.

[Return to table of contents](#)



Dual Enrollment Courses with Woodland Community College

College Course	A- G Satisfaction	WJUSD Equivalent Course
Counseling 10: College Success	G	One semester of Freshman Seminar
History 4B: Western Civilization II	A	World History
History 17B: United States History II	A	US History
English 1A: College Composition and Reading	B	English 11 or English 12 (depending on the year taken)
English 1B: Argumentative Writing and Critical Thinking through Literature	B	English 12
Math 1A: Single Variable Calculus I–Early Transcendentals	C	Calculus AB
Sociology 1: Intro to Sociology	G	Sociology or Psychology
PLSCI 20L: Principles of Plant Science Lab	D	Life Science/Lab
PLSCI 22L: Introduction to Soils Lab	D	Physical Science/Lab
PLSCI 30: Principles of Pest Management	E	Elective
Ag45L: Principles of Animal Science Lab	D	Life Science/Lab

Students also have the option to enroll in college classes on their own in addition to their regular high school courses. These Dual Enrollment classes **are taken outside the regular high school day, such as after school or during the summer session.**

Counselors support the family in registering for classes. Students are treated as a college student with this type of dual enrollment course. In order to get credit for these college courses on their high school transcript, students need to give a college transcript to the High School registrar once the college credit has been awarded and grades have been posted to their college transcript.

[Return to table of contents](#)



* Independent Dual Enrollment Courses *	
WJUSD Graduation Requirement	College Course
American Government	POLSC 1: Introduction to American Government
Economics	ECON 1A: Elementary Economics- Macro
English	ENGL 51: Preparatory Composition and Reading ENGL 1A: College Composition and Reading ENGL 1B: Critical Thinking and Writing About Literature ENGL 1C: Critical Thinking/Advanced Composition
Ethnic Studies	ETHN 1: Introduction to Chicano Studies ETHN 2: Introduction to Native American Studies ETHN 5: Introduction to Chicana/o Culture ETHN 6: History of Race and Ethnicity in America ETHN 11: Introduction to Ethnic Studies ETHN 15: Mexican-American History ETHN 21: Chicana/o and Latina/o Health Care Issues ETHN 30: Survey of Chicana/o Art
World Language	SPAN 1: Elementary Spanish I SPAN 2: Elementary Spanish II SIGN 1: Sign Language Studies I SIGN 2: Sign Language Studies II
Health	HLTH 1: Health and Life Style Choices
Life Science	BIOL 10L: General Biology
Math III	Math 52: Intermediate Algebra
Physical Science	CHEM 2A: Introductory Chemistry
Technology	BCA 15: Computer Literacy
World History	HIST 4B: HIST 5B: World Civilizations II

- Note: Courses numbered 1-49 from WCC are transferable to 4 year institutions

****These course offerings are subject to change based on the WCC course availability.***

[Return to table of contents](#)



CAREER TECHNICAL EDUCATION (CTE)

Pathways and Courses

A CTE Pathway is a sequence of two or three courses (Introductory, Concentrator, Capstone) in an industry sector. The courses build on the knowledge and skills gained in the previous class, culminating in a Capstone course where students are expected to tackle real-world problems. Pathways are designed to connect high school classes to college, industry certifications, and/or a career. Not all pathways offer an Introductory course. To be a pathway completer (and earn a graduation sash) a student must take the Concentrator and Capstone courses in the same career pathway (industry sector) and pass with a C- or better.

Pathways		
Site	Industry Sector	Pathway
Both	Agriculture and Natural Resources	Ag Engineering (<i>ag mechanics/construction</i>)
Both	Agriculture and Natural Resources	Animal Science
Both	Agriculture and Natural Resources	Plant Science
WHS	Building and Construction Trades	Residential and Commercial Construction
PHS	Business and Finance	Business Management Pathway
WHS	Education, Child Development and Family Services	Child Development
Both	Hospitality, Tourism and Recreation	Food Service and Hospitality
PHS	Health Care and Medical Technology	Patient Care: Emergency Medicine
PHS	Information and Communication Technology	Software and Systems Development
WHS	Manufacturing and Product Development	Welding and Materials Joining
WHS	Transportation	System Diagnostics, Repair and Service (<i>Auto</i>)

See the link below for the CTE Pathways available at your high school:

[Pioneer High School CTE Pathways](#)

[Woodland High School CTE Pathways](#)

[Return to table of contents](#)



Ethnic Studies Courses

In March 2015, the Woodland Joint Unified School District Board of Trustees approved Resolution 35-15, emphasizing the importance of a balanced and quality education. As part of that education, students are required to pass an Ethnic Studies course. The Ethnic Studies graduation requirement can be fulfilled by choosing from a variety of course offerings to meet the year long requirement, or its equivalent.

WJUSD High School Courses

- Art and Culture
- Chicano Studies
- English Puente 9
- English Puente 10
- Multicultural Literature for Seniors
- Race and Social Justice in US History
- AP US History

Woodland Community College Courses

- Introduction to Chicano Studies
- Introduction to Native American Studies
- Introduction to Chicana/o Culture
- History of Race and Ethnicity in America
- Introduction to Ethnic Studies
- Mexican-American History
- Chicana/o and Latina/o Health Care Issues
- Survey of Chicana/o Art

[Return to table of contents](#)



Course Descriptions by Department

Agriculture

The Agriculture Education Program is for students who are interested in agricultural careers. Classroom instruction focuses on scientific and economic principles relative to the agricultural industry. Students apply these principles through involvement in supervised agricultural experience programs (SAE projects) and participation in leadership development activities. Most courses meet graduation requirements and several fulfill college admissions requirements.

Classroom instruction is the cornerstone of the Agricultural Education Program. While content focuses on state standards in life and physical sciences, directed laboratories emphasize hands-on learning. Students leave the program ready for entry-level employment and/or postsecondary education in agriculture or related fields. Students taking agricultural courses review different areas of the agriculture industry through career exploration by the end of their first year in agriculture. Continuing students will be required to have an ongoing project. Projects may include plants, animals, mechanics, work experience and a variety of other activities that develop responsibility. Supervised Agricultural Experience (SAE projects) involvement constitutes 10% of a student's semester grade. Leadership development is provided through membership in the Future Farmers of America (FFA) and includes regular meetings, public speaking, career development events, and other activities that develop cooperation, teamwork, personal leadership development, and career building.

Agriculture Course Descriptions

Key: ☒ offered ☐ not offered Sites: PHS-Pioneer High WHS-Woodland High

ADVANCED INTERDISCIPLINARY SCIENCE for SUSTAINABLE AGRICULTURE (Honors)

Course Code: SR127Y

Grade Level: 10-12

☒ PHS ☒ WHS

Prerequisite: Chemistry and Agriscience

Course Description: This integrated class combines an interdisciplinary approach to laboratory science and research with agricultural management principles. Using skills and principles learned in the course, students design systems and experiments to solve agricultural management issues currently facing the industry. Additionally, students will connect the products created in this class with industry activities to link real world encounters and implement skills demanded by both colleges and careers. The course culminates with an agriscience experimental research project in which students design and conduct an experiment to solve a relevant issue. Final projects will be eligible for Career Development Event competition at FFA events. Throughout the course, students will be graded on participation in intracurricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program.

AG ENGINEERING 1

Course Code: SR350Y

Grade Level: 9-10

☒ PHS ☒ WHS

Course Description: Ag Engineering 1 is an introductory course featuring general career technical skills and procedures. This theory and applied or "hands on" course will engage students in shop safety, tool identification and usage, basic plumbing, electrical circuits, SMAW (stick) welding, oxygen acetylene welding and cutting, basic woodworking, and sheet metal work. Each student is required to participate in local FFA leadership activities and to maintain a productive Supervised Agricultural Experience (SAE) project and keep records.

[Return to table of contents](#)



AG ENGINEERING 2		
Course Code: SR351Y	Grade Level: 10-11	<input type="checkbox"/> PHS <input type="checkbox"/> WHS
<p>Prerequisite: Ag Engineering 1 or instructor's approval.</p> <p>Course Description: The goal of this laboratory course is designed to prepare students with advanced level experiences in selected major areas of agricultural mechanics technology which may include small engine maintenance and repair, metal fabrication, advanced welding techniques, maintenance of agricultural machinery, equipment and tractors. Content also includes drone technology applications and fundamentals of drones used in agriculture and related industries. Learning activities include information, skill development and problem solving. Each student is required to participate in local FFA leadership activities and to maintain a productive Supervised Agricultural Experience (SAE) project and keep records.</p>		

AG ENGINEERING 3		
Course Code: SR352Y	Grade Level: 11-12	<input type="checkbox"/> PHS <input type="checkbox"/> WHS
<p>Prerequisite: Ag Engineering 2</p> <p>Course Description: Ag Engineering 3 is the capstone course for the agricultural mechanics pathway. The students will accomplish the following: engine and tractor operations, diesel engine disassembly and reassembly, identification of the parts and their functions, and troubleshooting techniques. Students will continue in their learning to engage in hydraulics, pneumatics and electrical systems safety and training. Upon completion students will design and develop an Independent project utilizing the following skills: SMAW, GMAW, plasma cutting, common hand and power tools and more. Students may opt to participate in independent work placements or internships during the second semester. Each student is required to participate in local FFA leadership activities and to maintain a productive Supervised Agricultural Experience (SAE) project and keep records.</p>		

AGRICULTURE GOVERNMENT & ECONOMICS		
Course Code: SR160Y	Grade Level: 12	<input type="checkbox"/> PHS <input type="checkbox"/> WHS
<p>Course Description: Students will examine agriculture – a leading industry of Yolo County, the State of California and of the United States. Since Agriculture is the mainstay of the United States economy, students will explore the role of economics and government regulations within the agricultural industry critical to its continued success and vitality. Students will examine the Constitution, its rules and applications, as well as governments and their roles and responsibilities. Other topics include the 1991 US Farm Bill, NAFTA, federalism and the roles of governmental agencies in the life of the agriculturist. Students will actively study macro and economic systems, principles and uses. Agricultural Marketing will be discussed, and students will institute and manage their own business. Each student is required to participate in local FFA leadership activities and to maintain a productive Supervised Agricultural Experience (SAE) project and keep records.</p>		

[Return to table of contents](#)

AGRICULTURAL LEADERSHIP		
Course Code: SR151Y	Grade Level: 9-12	<input type="checkbox"/> PHS <input type="checkbox"/> WHS
<p>Course Description: The Agriculture Leadership course is designed for students who share a common vision towards the growth and development of the agriculture FFA program. Students will be encompassed in a variety of leadership, management and employability, public speaking, and community service skills. "Hands-on" learning utilizing computers, technology, and advanced communications will be addressed. One of the primary objectives of the class is to organize, prepare, and implement the AHS Agriculture Program I FFA Program of Activities. This course provides the student eligibility for all FFA activities throughout the year.</p>		



ANATOMY & PHYSIOLOGY OF ANIMALS

Course Code: SR172Y

Grade Level: 10-12

☐ PHS ☐ WHS

Prerequisite: *Biology & Sustainable Agriculture or Biology.*

Course Description: The Anatomy and Physiology of Animals course is designed to prepare students with relevant knowledge and competencies associated with animal science disciplines within agriculture. Students will analyze both the structure and function of living things, focusing on species used for agricultural production. This course will also provide a study of common diseases of both small and large animals, the causes and means of prevention. Emphasis is placed on mammals that are most important to human culture, as we know it. Systems of focus include: skeletal, muscular, cardiovascular, integumentary, reproductive, immune and digestive systems. Students will complete dissections, labs, simulations, research projects and hands-on experience. Students will be working with animals, studying environmental changes, nutrition requirements and behavior. This course will meet Life Science graduation requirement and will serve as part of the Animal Science CTE pathway. Due to the intracurricular nature of FFA (Future Farmers of America) and SAE (Supervised Agricultural Experience), students will be required to participate in both FFA activities and SAE involvement, both which are graded components of the course. Tests will be given regularly and students will be expected to participate in assignments, class discussions, and other structured events. Students will be expected to complete individual projects, group projects and long-term assignments.

BIOLOGY & SUSTAINABLE AGRICULTURE

Course Code: SR122Y

Grade Level: 9-12

☐ PHS ☐ WHS

Course Description: Sustainable Agriculture is a one year course designed to integrate biological science practices and knowledge into the practice of sustainable agriculture. The course is organized into four major sections, or units, each with a guiding question. Unit one addresses the question, what is sustainable agriculture? Unit two, how does sustainable agriculture fit into our environment? Unit three, what molecular biology principles guide sustainable agriculture? Unit four, how do we make decisions to maximize sustainable agricultural practices within a functioning ecosystem? Within each unit specific life science principles will be identified with agricultural principles and practices guiding the acquisition of this knowledge, culminating in the development of a sustainable farm model and portfolio of supporting student research.

[Return to table of contents](#)



PLSCI 20L - PRINCIPLES OF PLANT SCIENCE			
Course Code: SR416Y	Grade Level: 9-12	■ PHS ■ WHS	
Credits: 13.33	College Credit Opportunity Dual Enrollment course		UC/CSU: D
<p>Prerequisite: Sustainable Agriculture & Biology or Biology equivalent</p> <p>Course Description: 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.</p>			

PLSCI 22L - INTRODUCTION TO SOILS			
Course Code: SR418Y	Grade Level: 10-12	■ PHS ■ WHS	
Credits: 13.33	College Credit Opportunity Dual Enrollment course		UC/CSU: D
<p>Prerequisite: Principles of Plant Science (PLSCI 20L)</p> <p>Course Description: This course is an introduction to the science, ecology and management of soils. A key focus of the class is viewing soil health as the basis for ecological land management and discussing management practices to conserve and improve soils. Soil physical, chemical and biological properties and processes are all examined in detail through class lectures and discussion. The class laboratory focuses on evaluating soil health with field measurements, laboratory analyses, and calculations, including using soil testing to develop soil nutrient plans.</p>			

PLSCI 30 - PRINCIPLES OF PEST MANAGEMENT			
Course Code: SR414Y	Grade Level: 11-12	■ PHS ■ WHS	
Credits: 10.00	College Credit Opportunity Dual Enrollment Course		UC/CSU: G
<p>Course Description: Principles of pesticide management including: pesticide laws and regulations; identification and symptoms of plant pests; modes of pesticide action; principles of integrated pest management; non-pesticide pest control; effective and safe use of herbicides, insecticides, fungicides and other crop protection chemicals; and pesticide record keeping. This course will assist students in preparation for the Department of Pesticide Regulations PCA Exam</p>			

[Return to table of contents](#)

Ag45L - PRINCIPLES OF ANIMAL SCIENCE			
Course Code: SR170Y	Grade Level: 11-12	■ PHS ■ WHS	
Credits: 13.33	College Credit Opportunity Dual Enrollment course		UC/CSU: D
<p>Prerequisite: Anatomy and Physiology of Animals</p> <p>Course Description: An overview of the principles of animal science and the interrelationship of domestic animals and mankind. 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 will also be addressed.</p>			



[Return to table of contents](#)



AVID (Advancement Via Individual Determination)

AVID (Advancement Via Individual Determination) is an academic support program that assists students whose goal is to become eligible to enter a four-year college or university. Funded in part by the California State Department of Education, AVID has national content and performance standards; its curriculum is based on WICR (Writing, Inquiry, Collaboration, and Reading). Certified yearly, the high school AVID departments in our district are in compliance with AVID's 11 essential program components. Students applying to enter the program normally fit the following criteria: first generation to complete a 4-year college degree; an entering GPA between 2.0 and 3.5; good citizenship; level 3 or above CST scores; parental approval; and an interview. The AVID staff determines acceptance into the program.

AVID Course Descriptions

Key: ■ offered ■ not offered

Sites: PHS-Pioneer High WHS-Woodland High

AVID 9

Course Code: SB260Y

Grade Level: 9

■ PHS ■ WHS

Prerequisite: AVID 8 (Recommended) **Corequisite:** Math I or higher, Advanced English 9 (recommended)

Course Description: Advancement Via Individual Determination (AVID) is an academic elective course that prepares students for college readiness and success, and it is scheduled during the regular school day as a year-long course. Each week, students receive instruction utilizing a rigorous college preparatory curriculum provided by AVID Center, tutor-facilitated study groups, strengthen metacognitive development, analytical reading and writing, communication skills, and academic success skills. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization and reading to support their academic growth. Students will increase awareness of their personal contributions to their learning, as well as their involvement in their school and community. Students will prepare for and participate in college entrance and placement exams, while refining study skills and test-taking, note-taking, and research techniques.

AVID 10

Course Code: SB261Y

Grade Level: 10

■ PHS ■ WHS

Prerequisite: Teacher recommendation; AVID 9 (Recommended)

Corequisite: Math II or higher; One AP/Honors course (Recommended)

Course Description: This second sequence of Advancement Via Individual Determination (AVID) is an academic elective course that prepares students for college readiness and success, and it is scheduled during the regular school day as a year-long course. Each week, students receive instruction utilizing a rigorous college preparatory curriculum provided by AVID Center, tutor-facilitated study groups, strengthen metacognitive development, analytical reading and writing, communication skills, and academic success skills. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization and reading to support their academic growth. In the 10th grade year, students will continue to refine their academic learning plans and goals, increasing awareness of their actions and behaviors, as well as develop an increased ability to self-monitor, self-regulate, and manage time. Students will expand their writing portfolio to include: analyzing prompts, supporting arguments and claims, character analysis and detailed reflections. Lastly, students will narrow down their college and careers of interest, based on personal interests and goals.

[Return to table of contents](#)



AVID 11		
Course Code: SB262Y	Grade Level: 11	■ PHS ■ WHS
<p>Prerequisite: Teacher recommendation; AVID 10 (Recommended)</p> <p>Corequisite: Math III or higher; One AP/Honors course (Recommended)</p> <p>Course Description: Advancement Via Individual Determination (AVID) is an academic elective course that prepares students for college readiness and success, and it is scheduled during the regular school day as a year-long course. Each week, students receive instruction utilizing a rigorous college preparatory curriculum provided by AVID Center, tutor-facilitated study groups, strengthen metacognitive development, analytical reading and writing, communication skills, and academic success skills. The course emphasizes rhetorical reading, analytical writing, collaborative discussion strategies, tutorial inquiry study groups, preparation for college entrance and placement exams, college study skills and test-taking strategies, note-taking and research. The eleventh grade AVID Elective course is the first part in a junior/senior seminar course that focuses on writing and critical thinking expected of first and second-year college students. In addition to the academic focus of the AVID seminar, there are college-bound activities, methodologies and tasks that should be undertaken during the junior year to support students as they apply to four-year universities and confirm their postsecondary plans.</p>		

AVID 12		
Course Code: SB263Y	Grade Level: 12	■ PHS ■ WHS
<p>Prerequisite: Teacher recommendation; AVID 10 (Recommended)</p> <p>Corequisite: Math III or higher; One AP/Honors course (Recommended)</p> <p>Course Description: This fourth sequence of Advancement Via Individual Determination (AVID) is an academic elective course that prepares students for college readiness and success, and it is scheduled during the regular school day as a year-long course. Each week, students receive instruction utilizing a rigorous college preparatory curriculum provided by AVID Center, tutor-facilitated study groups, strengthen metacognitive development, analytical reading and writing, communication skills, and academic success skills. In AVID, students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization and reading to support their academic growth. In the 12th grade year, students will continue to refine their academic learning plans and goals, create legacy projects including service learning projects/mentoring, as well as develop an increased ability to self-monitor, self-regulate, and manage time. Students will expand their writing portfolio to include: an argumentative research paper on a social issue and detailed reflections. Lastly, students will prepare for college through the use of inquiry based collaborative study groups utilizing higher order thinking questioning techniques.</p>		

AVID TUTOR		
Course Code: ST121Y	Grade Level: 11-12	■ PHS ■ WHS
<p>Prerequisite: AVID 9 and/or AVID 10. Six hours of tutor training conducted by an AVID elective teacher who has attended the Tutorology Strand at AVID Summer Institute or at a SCOE AVID Path Training.</p> <p>Course Description: AVID (Advancement Via Individual Determination) Tutor is an elective course for 11th and 12th grade AVID students. AVID student tutors will complete formal tutor training with an AVID elective teacher who has attended the Tutorology Strand at AVID Summer Institute or at SCOE AVID Path Training. AVID student tutors should be motivated, organized and successful AVID students. Tutors will work with AVID students actively in the learning process. AVID student tutors may choose to take this class as a Pass/Fail rather than as a graded course. Grades of A, B, C, D, and F are determined by classroom teacher appraisal and attendance. An AVID tutor's grade is based on 1) daily attendance and 2) classroom teacher evaluation. Pass/Fail students must complete all training and assignments.</p>		

[Return to table of contents](#)



Business and Technology

The Business and Computer Science Department is dedicated to providing all students with the skills they will need to thrive in the world of the future. Courses are offered in Finance, Business, and Computer Science disciplines and to serve as a foundation for our Career Pathways.

Business and Technology Course Descriptions

Key: ☒ offered ☐ not offered Sites: PHS-Pioneer High WHS-Woodland High

AP COMPUTER SCIENCE PRINCIPLES

Course Code: SM290Y

Grade: 10-12

☒ PHS ☐ WHS

Prerequisite: "C" or better in Integrated Math II

Course Description: AP Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. With a unique focus on creative problem solving and real-world applications, AP Computer Science Principles prepares students for college and career.

BUSINESS MANAGEMENT & ENTREPRENEURSHIP

Course Code: SM371Y

Grade: 11-12

☒ PHS ☐ WHS

Prerequisite: Introduction to Business and Personal Finance

Course Description: This course provides the applicable skills needed for student run enterprises through entrepreneurship. It prepares students to perform marketing and management functions and tasks associated with starting up, running, owning, and operating a business. Students are provided work based learning (WBL) opportunities to demonstrate their mastery of this career industry as well as participate as members of Future Business Leaders of America (FBLA), the career technical student organization for leadership development.

BUSINESS & PERSONAL FINANCE

Course Code: SM370Y

Grade: 10-12

☒ PHS ☐ WHS

Prerequisite: Passage of Integrated Math I

Course Description: This course introduces students to basic personal and business concepts encountered in everyday life. Students will learn to calculate paychecks, prepare budgets, and maintain financial services accounts. Students will also distinguish between various types of insurance, both required and optional. Participating students will be able to manage financial resources and understand how to take an active role in personal finance development.

COMPUTER PROGRAMMING FOR SOLVING APPLIED PROBLEMS (Drones)

Course Code: SM231Y

Grade: 10-11

☒ PHS ☐ WHS

Course Description: This course is designed to stimulate students to create using computer programming to solve real-world problems. Since computers permeate every aspect of our lives, opportunities exist to solve real problems with computing solutions. This course helps students learn to solve these problems.

[Return to table of contents](#)



CONNECTING & MAKING WITH TECHNOLOGY (Maker)

Course Code: SM230Y

Grade: 9-10

☒ PHS ☐ WHS

Course Description: This course is for people who love creating devices. From designing electronic circuits to writing code, the IoT provides the platform for various types of professionals. This course introduces students to the "Internet of Things" (IoT) and how physical or real-world devices, "things," are increasingly being connected to, visible through, and controllable via the Internet and web technologies. This course is project based where students will work individually and in teams to explore and build IoT devices/solutions using System-on-a-Chip (SoC) technologies like the Raspberry Pi and microcontrollers like the Arduino using the Python and C programming languages.

INTRODUCTION to BUSINESS

Course Code: SM222Y

Grade: 10-12

☒ PHS ☐ WHS

Prerequisite: Business & Personal Finance (SM370Y)

Course Description: In this Business course students will learn about concepts and current business issues while expanding vocabulary. Improving critical, analytical thinking skills, and refining business decision-making in this introductory course. The importance of a business environment (i.e., globalization, economics, government, and society), and an introduction to the key functional areas, such as marketing, operations, accounting, finance, management, and human resources.

INVENTING SMART SOLUTIONS

Course Code: SM233Y

Grade: 11-12

☒ PHS ☐ WHS

Prerequisite: Successful completion of Programming (SM231Y).

Course Description: Change the world! Observe a problem in your community. Create a human-centered solution that helps fix that problem. Learn how to integrate computational thinking and action with physical computing techniques in your projects. Use environmentally sustainable design practices throughout the iterative process of invention to solve real problems around you.

TECHNOLOGY 9

Course Code: SM210T

Grade: 12 (1 semester)

☒ PHS ☒ WHS

Course Description: Tech 9 is a semester long course which meets the Technology requirement for high school graduation for the graduating classes of 2024, 2025, and 2026. The course provides comprehensive instruction in computer applications, including using a typing tutorial to develop keyboarding skills, helping students to explore careers matched to their interests and passions. The Microsoft Office components of Word, Excel and PowerPoint, with their corresponding Google Applications of Docs, Sheets, and Slides, are explored in detail.

TECHNOLOGY 9 M

Course Code: SQ810T

Location of program based on Regional Program location

Program

Special Day Class ASD

Course Description: This course will enable students to learn about and use computers for internet based research, word processing, spreadsheets and presentations. The general education expectations will be adjusted and/or modified as needed to match the learner's abilities. This semester class will fulfill the high school graduation requirement for technology.

[Return to table of contents](#)



English Language Arts & English Language Development

English courses are designed to offer students experience with the various genres of literature, expository texts, extensive instruction in writing conventions, and reading comprehension. Students read literature, poetry, and plays from a variety of time periods and cultures both as a class and independently. Courses recognize and use essential assignments, common assessments, and specific novels for each grade level. Instructors use standards-based curriculum to improve reading, writing, and language proficiency.

English Language Development courses are assigned to students based on their ELPAC scores and language proficiency indicators.

English Language Development Course Options

- | | |
|--|--|
| <ul style="list-style-type: none"> English 1-1 / 1-2 (2 hour class) English 2-1 / 2-2 (2 hour class) English 3-1 / 3-2 (2 hour class) | <ul style="list-style-type: none"> English 4 English 5 |
|--|--|

English Language Development Course Descriptions

ENGLISH 1-1/ 1-2

Course Code: SB310T/IB310T

Grade: 9-12

■ PHS ■ WHS

Credits: 5 credits - English/5 credits - Elective

Prerequisite: ELD level 1 as measured by recent ELPAC, and/or scores on selected assessments.

Course Description: This course is an entry level English class designed for students who have limited background in English and are at a beginning level of English language proficiency, and who show less than reasonable English fluency as measured by the English Language Proficiency Assessments for California (ELPAC). Students receive intense instruction designed to increase English comprehension and language fluency. Students work on vocabulary development, developing syntax and language forms of oral communication, as well as reading and writing in English. At the end of this course, students will identify main ideas in reading samples and write a three-paragraph narrative.

ENGLISH 2-1/ 2-2

Course Code: SB320T/IB320T

■ PHS ■ WHS

Credits: 5 credits - English/5 credits - Elective

Prerequisite: ELD level 2 as measured by recent ELPAC, scores on selected assessments, and/or successful completion of English 1.

Course Description: This course is designed for students who have successfully completed English 1, have some background in the English language, or show less than reasonable English fluency as measured by the English Language Proficiency Assessments for California (ELPAC). Students receive intense instruction designed to elevate students' comprehension and communication skills in English. Students learn to prepare and deliver presentations, answer factual comprehension questions, and express ideas using detailed sentences. At the end of this course, students will write a five-paragraph expository essay.

[Return to table of contents](#)



ENGLISH 3-1/ 3-2		
Course Code: SB330T/IB330T	Grade: 9-12	<input type="checkbox"/> PHS <input type="checkbox"/> WHS
Credits: 5 credits - English/5 credits - Elective		
<p>Prerequisite: ELD level 3 as measured by recent ELPAC, scores on selected assessments, and/or successful completion of English 2.</p> <p>Course Description: This course is designed for students who have successfully completed English 2, have a working background in the English language, or show reasonable fluency as measured by the English Language Proficiency Assessments for California (ELPAC). Students receive intense instruction designed to elevate students' comprehension and communication skills in English. Students learn to identify, analyze, and apply a variety of rhetorical styles and read complex narrative and expository texts with assistance. At the end of this course, students will write at a level suitable for entrance into mainstream English.</p>		

ENGLISH 4		
Course Code: IB340T	Grade: 9-12	<input type="checkbox"/> PHS <input type="checkbox"/> WHS
Credits: 5 credits - English/5 credits - Elective		
<p>Prerequisite: English 3:SB/IB 330T or 9th Grade LTEL</p> <p>Course Description: This course is designed for students who have successfully completed English 3 or who are a 9th grade long-term English Learner (per WJUSD definition), have a working background in the English language, and show reasonable fluency as measured by the ELPAC. Students receive intensive instruction designed to elevate students' ability to comprehend written and oral language and to communicate through written and oral language in English. Students learn to identify, analyze and apply a variety of rhetorical styles and read complex narrative and expository texts that present real-world issues relevant to teens' lives. Students also receive explicit instruction intended to increase both academic and conversational vocabulary. Upon completion, the students will be on a path towards college and career readiness by having portable academic language, and improved speaking and listening skills. They will also develop academic writing at a level suitable for entrance to Mainstream English.</p>		

ENGLISH 5		
Course Code: SB350Y	Grade: 10	<input type="checkbox"/> PHS <input type="checkbox"/> WHS
<p>Prerequisite: English 4: IB340T or 10th Grade LTEL</p> <p>Course Description: This course is an extension and continuation of English 4 designed for students who have completed English 4 or who are a 10th grade LTEL (per WJUSD definition) and have a working background in the English language, and show reasonable fluency as measured by the ELPAC. Students receive intense instruction designed to elevate students' ability to comprehend written and oral language and to communicate through written and oral language in English. Students learn to identify, analyze and apply a variety of rhetorical styles and read complex narrative and expository texts that present real-world issues relevant to teens' lives. Students also receive explicit instruction intended to increase both academic and conversational vocabulary. At the end of this course, the students will be on a path towards college and career readiness by having portable academic language, and improved speaking and listening skills. They will also develop academic writing at a level suitable for entrance to Mainstream English.</p>		

[Return to table of contents](#)



English Language Arts Course Descriptions

Key: ☒ offered ☐ not offered

Sites: PHS-Pioneer High WHS-Woodland High

ENGLISH M CORE 9-10

Course Code: SQ110Y

Location of program based on Regional Program location

Program

Special Day Class ASD

Course Description: The students will participate in a curriculum that has been developed in accordance with the English Language Arts content standards, sequenced according to learner needs and abilities. The established content goals for general education students in literature, writing, listening and speaking are important for special education students to access and experience; these opportunities for exposure are incorporated with an emphasis upon skill development to provide increased opportunities for special education learners to master content along with acquisition of necessary skills in reading fluency, comprehension, writing and writing conventions. The students will be presented with content-rich material designed to be consistent with their learning styles and pace.

ENGLISH M CORE 11-12

Course Code: SQ120Y

Location of program based on Regional Program location

Program

Special Day Class ASD

Course Description: The students will participate in a curriculum that has been developed in accordance with the English Language Arts content standards, sequenced according to learner needs and abilities. The established content goals for general education students in literature, writing, listening and speaking are important for special education students to access and experience; these opportunities for exposure are incorporated with an emphasis upon skill development to provide increased opportunities for special education learners to master content along with acquisition of necessary skills in reading fluency, comprehension, writing and writing conventions. The students will be presented with content-rich material designed to be consistent with their learning styles and pace.

ENGLISH 9

Course Code: SB110Y

Grade: 9

☒ PHS ☒ WHS

Course Description: English 9 is a standards-based, college-prep course. Students gain skills for analyzing literature, writing essays, and comprehending grammar and punctuation. Students write essays in the various genres with emphasis in analysis and exposition. Students complete essential assignments mandated by the district and aligned to the standards. Students read short stories, novels, poetry, informational materials, non-fiction, and drama. This course prepares students for English 10 or English 10 Advanced.

ENGLISH 9 ADVANCED

Course Code: SB111Y

Grade: 9

☒ PHS ☒ WHS

Prerequisite: Placement will be based on multiple assessment measures, such as standardized test scores and prior academic performance.

Course Description: English 9 Advanced is an accelerated course that offers extensive practice in analyzing literature, writing, grammar, and usage. Students read short stories, novels, poetry, informational materials, non-fiction, and drama. Students write essays in the various genres with emphasis on analysis and exposition. Students complete essential assignments mandated by the district and aligned to the standards. This course prepares students for English 10 or English 10 Advanced.

[Return to table of contents](#)



ENGLISH 9 PUENTE		
Course Code: SB510Y	Grade: 9	■ PHS ■ WHS
Meets Ethnic Studies Graduation Requirement		
<p>Course Description: English 9 Puente is a college prep English class designed to help students achieve their goal of attending a 4-year university immediately after graduating high school. This rigorous class is designed to challenge students so they are more than prepared for AP English their junior year. Students will write daily, read independently, and complete course readings. English 9 Puente is a lot of hard work, but it is also a lot of fun. Students will go on regular field trips to universities and participate in many different community service opportunities. To be eligible for this class, students must be interviewed by the Puente teacher and counselor. Students should contact their counselor to start the interview process.</p>		

ENGLISH 10		
Course Code: SB120Y	Grade: 10	■ PHS ■ WHS
<p>Course Description: English 10 is a standards-based, college-prep course. Students gain skills for analyzing literature, writing essays, and comprehending grammar and mechanics. Students write essays in the various genres with emphasis in analysis/exposition. Students complete essential assignments mandated by the district and aligned to the standards. Students read short stories, novels, poetry, informational materials, non-fiction, and drama. This course prepares students for Junior Literature and Composition or AP Language and Composition.</p>		

ENGLISH 10 ADVANCED		
Course Code: SB121Y	Grade: 10	■ PHS ■ WHS
<p>Prerequisite: Placement will be based on multiple assessment measures, such as standardized test scores and prior academic performance.</p> <p>Course Description: English 10 Advanced is an accelerated course that offers extensive practice in analyzing literature, writing, grammar, and usage. Students read short stories, novels, poetry, informational materials, non-fiction, and drama. Students write essays in the various genres with emphasis on analysis/exposition. Students complete essential assignments mandated by the district and aligned to the standards. This course prepares students for Junior Literature and Composition or AP Language and Composition.</p>		

ENGLISH 10 PUENTE		
Course Code: SB520Y	Grade: 10	■ PHS ■ WHS
Meets Ethnic Studies Graduation Requirement		
<p>Prerequisite: English Puente 9 or English 9</p> <p>Course Description: English 10 Puente is a college prep English class designed to help students achieve their goal of attending a 4-year university immediately after graduating high school. This rigorous class is designed to challenge students so they are more than prepared for AP English their junior year. Students will write daily, read independently, and complete course readings. English 10 Puente is a lot of hard work, but it is also a lot of fun. Students will go on regular field trips to universities and participate in many different community service opportunities. To be eligible for this class, students must have completed Puente 9, occasionally there may be availability and a student may enter class as a sophomore. Please contact your counselor to see if there is room in English 10 Puente as a new student.</p>		

[Return to table of contents](#)



ENGLISH LANGUAGE AND COMPOSITION AP		
Course Code: SB190Y	Grade: 11	<input type="checkbox"/> PHS <input type="checkbox"/> WHS
<p>Prerequisite: <i>English 10, English 10 Puente, or English 10 Advanced.</i></p> <p>Course Description:In AP Language and Composition, students read and write in a variety of rhetorical modes and prepare for the AP Language exam. Students read fiction, short stories, and drama; however, this course emphasizes reading and analysis of nonfiction essays in particular, which develop students' skills at rhetorical analysis. Students also write multiple essays, including timed writing. All students must complete a summer assignment, due the first day of the school year, and are encouraged to take the AP Language exam at the end of the year.</p>		
FUNCTIONAL LANGUAGE ARTS		
Course Code: SQ152Y	Location of program based on Regional Program location	
Program	Special Day Class Severely Handicapped (SH)	
<p>Course Description: The Functional Language Arts course encourages students to develop personally functional skills in the areas of reading, writing and communication to their targeted level of skill acquisition. Functional skills include the ability to interact effectively within the classroom environment as well as in the community safely and with appropriate social skill development</p>		
JUNIOR LITERATURE AND COMPOSITION		
Course Code: SB130Y	Grade: 11	<input type="checkbox"/> PHS <input type="checkbox"/> WHS
<p>Course Description: Junior Literature and Composition is a standards-based, college-prep course in American Literature. Students gain skills for analyzing literature, writing essays, and using grammar and mechanics effectively. Students read short stories, poetry, novels, informational materials, non-fiction, and drama. Students write essays of various genres with emphasis in analysis/exposition, preparing them for college level composition. This course prepares students for Senior Literature and Composition and AP Senior Literature and Composition. Multimedia Literacy & Communication</p>		
MULTIMEDIA LITERACY & COMMUNICATION		
Course Code: SB131Y	Grade: 11	<input type="checkbox"/> PHS <input type="checkbox"/> WHS
<p>Prerequisite: Successful completion of English 10, Adv 10 or English 10 Puente</p> <p>Course Description: Using technology as a resource and medium for expression, students will develop literacy and communication skills to actively engage with society, prepare for 21st century careers, and become lifelong learners. Students will learn to navigate and use new technologies, as consumers of information, and in pursuit of their own interests and goals. Each unit will present a thematic focus, model "texts" (print/digital, written/spoken) for analysis, activities to develop essential skills, and an opportunity for students to express their ideas in writing and speech, using a variety of media, on topics of their own choosing. Students will select and read a substantive independent reading text related to each unit of study.</p>		
ENGLISH LITERATURE AND COMPOSITION AP		
Course Code: SB191Y	Grade: 12	<input type="checkbox"/> PHS <input type="checkbox"/> WHS
<p>Prerequisite: <i>Junior Literature and Composition or English Language and Composition AP.</i></p> <p>Course Description: In AP English Literature and Composition, students read and analyze college-level literature and prepare for the AP Literature exam. Required reading includes novels, short stories, plays, and poetry from a variety of time periods and cultures. In addition, the course provides students with knowledge of the literary terminology and vocabulary necessary to write clear and sophisticated analytical papers. Written work consists of a variety of short-term and long-term projects, such as essays, research papers, and timed essays. Students are encouraged to take the AP examination.</p>		

[Return to table of contents](#)



MULTICULTURAL LITERATURE FOR SENIORS		
Course Code: SB141Y	Grade: 12	■ PHS ■ WHS
Meets Ethnic Studies Graduation Requirement		
<p>Prerequisite: "C" or better in Junior Literature and Composition</p> <p>Course Description: The United States is a blend of a variety of cultures and races. This college-preparatory course for seniors explores the immigrant experience through a variety of lenses, both fiction and nonfiction. Students will read and discuss and write about texts from writers who represent our country's diversity.</p>		
ENGLISH 1A - COLLEGE COMPREHENSION & READING		
Course Code: SB142Y	Grade: 12	■ PHS ■ WHS
Credits: 13.33	College Credit Opportunity Dual Enrollment Course	UC/CSU: b
<p>Prerequisite: English 10, English 10 Puente, or English 10 Advanced.</p> <p>Course Description: Development of analytical reading and the writing of college level essays, including critical analysis, rhetorical forms, and collegiate research. Emphasis on writers of diverse backgrounds.</p>		
ENGLISH 1B - ARGUMENTATIVE WRITING & CRITICAL THINKING THROUGH LITERATURE		
Course Code: SB143Y	Grade: 11-12	■ PHS ■ WHS
Credits: 13.33	College Credit Opportunity Dual Enrollment Course	UC/CSU: b
<p>Prerequisite: English 1A or better passing with a 3 or better on the English Lit & Comp AP exam - See WCC Dual Enrollment Staff for support</p> <p>Course Description: This course offers instruction in analytical, critical, and argumentative writing, critical thinking, research strategies, information literacy, and proper documentation through the study of literary works from major genres, while developing students' close reading skills and promoting an appreciation for the aesthetic qualities of literature. Emphasis on writers of diverse backgrounds</p>		

[Return to table of contents](#)



Family & Consumer Sciences & Health

The Family & Consumer Science/Health fields have always been broader than the public perceives them to be. Today's Home Economic/Health technology education has broadened its scope to provide essential instruction that prepares students with critical skills that have application for both living and earning a living. Home Economics/Health courses offer "real life" lessons to help students in meeting the challenges they will face in the future. In addition, the curriculum contributes to the academic success of students by reinforcing the academic core and emphasizing the development of critical thinking skills. Students can expect to produce and participate in hands-on projects that would lead them toward careers such as pre-school director, cake decorator, chef, wedding planner, physical therapist, emergency medical technician and other healthcare occupations

Family and Consumer Sciences & Health Course Descriptions

Key: ☒ offered ☐ not offered Sites: PHS-Pioneer High WHS-Woodland High

HEALTH

Course Code: SO320T

Grade: 12

☒ PHS ☒ WHS
One Semester (5 credits)

Course Description: Health is a semester long course which meets the requirement for high school graduation for the graduating classes of 2024, 2025, and 2026. This course is aligned with the goals of the California Health Framework guidelines. This course will prepare students to use critical thinking and be objective and responsible in the areas of family life, nutrition, personal health, communicable and chronic diseases and individual mental and physical health. Parents are notified prior with a permission slip to be signed, of the unit on Human Sexuality to ensure that the material covered is appropriate for their student. Students are educated to use the tools and information given to them to meet the "real life" lessons and challenges they will face in the future.

HEALTH M

Course Code: SQ510T

Location of program based on Regional Program location

Program

Special Day Class ASD

Course Description: This course will enable students to access the California Health standards with appropriate accommodations or modifications as necessary. The students will learn to enhance and maintain their overall personal health through nutrition; avoiding disease and reducing risk for ill health; protecting themselves from dangerous activities and assisting their families and communities to remain healthy. This semester class will fulfill the high school graduation requirement for Health.

CAREERS WITH CHILDREN

Course Code: SO220Y

Grade: 10-12

☐ PHS ☒ WHS

Prerequisite: Child Development (SO211Y)

Course Description: Students will learn developmentally appropriate practices in order to prepare for a career in child development and early childhood programs or educational careers. Careers with Children is a career technical education course of study. This program offers students the opportunity to experience careers working with children in the educational, day care, and recreational industries. Students will be learning about career opportunities, skill requirements of these careers, and basic job skills needed for any successful employment. Students will be placed in an internship site to gain experience in this field. Students will be registered as members of the FCCLA and will complete a competitive recognition event project.

[Return to table of contents](#)



CHILD DEVELOPMENT

Course Code: SO211Y

Grade: 9-12

☐ PHS ☒ WHS

Course Description: This year-long course will introduce students to the developmental process of children from conception to preschool-age, family life, proper health care of infants and children, pre- and post-natal care, and real-life scenarios. The student will learn physical, intellectual, social and emotional developmental stages including language and motor skills; identify issues dealing with child abuse, neglect and discipline; and examine safe appropriate toys, furnishings, and clothing.

CULINARY ARTS

Course Code: SO431Y

Grade: 9-10

☒ PHS ☒ WHS

CTE Pathway Introductory Course

Course Description: This course is designed to introduce students to learn basic home cooking, following proper industry standards required for employment in the food industry. Students will participate in weekly cooking labs. Students will learn to work in groups, follow recipes, time management, measure ingredients accurately, kitchen safety and sanitation, knife safety and cuts, and prepare delicious food. Basic food science principles will be introduced in regards to how different ingredients are used and for specific purposes. Students will be expected to explore CTSO (SkillsUSA or FCCLA) opportunities. In addition, the class is aimed at providing students with developing the skills necessary to become knowledgeable and prepared in one of the fastest growing and dynamic industries in America.

RESTAURANT MANAGEMENT

Course Code: SO432Y

Grade: 10-11

☒ PHS ☒ WHS

CTE Pathway Concentrator Course

Prerequisite: Culinary Arts (SO431Y)

Course Description: The Restaurant Management course teaches skills in food production, preparation, customer service, and teamwork. Students will have an opportunity to learn job related skills and industry standards on-site through techniques in weekly cooking and catering labs. This course will include international and regional cuisine, nutrition, safety and sanitation, use and care of commercial equipment, management of food establishments, cost and profitability analysis, menu development, handling customer orders, and following proper food industry standards. The class is aimed at providing students with developing the skills necessary to become leaders in one of the fastest growing and dynamic industries in America. Students will be required to participate in catering functions during and after school hours as needed. Participation in SkillsUSA or Family, Career, and Community Leaders of America (FCCLA) will be expected. Students will have the opportunity to obtain a California Food Handler Card at no cost. Uniforms will be required at no cost.

CAREERS IN CULINARY ARTS

Course Code: SO440Y

Grade: 11-12

☒ PHS ☒ WHS

CTE Pathway Capstone Course

Prerequisite: Restaurant Management (SO432Y)

Course Description: From epicure to etiquettes, to gourmet cookery and garde manger, the Careers in Culinary Arts course aims to provide students with the knowledge, skills, attitudes, and techniques needed to successfully enter the job market or transition to a post-secondary education program at a community college, private culinary academy and/or a four-year college or university. Students will participate in numerous catering and local community events, and participate in the planning, preparation and serving of meals for catering functions. Also, students will continue to demonstrate the skills and techniques obtained in Culinary Arts and Restaurant Management in weekly labs and caterings with a focus in areas such as Safety and Sanitation, Knife Skills, Measuring, and improving understanding the how and why of different ingredients. Students will register for CTSO (SKILLS USA or FCCLA) where they will have the opportunity to obtain technical skills in job interviewing and resume development, and additionally have an opportunity to



demonstrate their level of skill in the kitchen by participating in local and regional cooking competitions. The class is aimed at providing students with developing the skills necessary to become leaders in one of the fastest growing and dynamic industries in America. Students will have an opportunity at the end of the program to earn scholarships, become ServSafe Certified at no cost and earn college credits. Students will be required to participate in Patri-Eats Catering functions during and after school hours. Uniforms will be required.

[Return to table of contents](#)

Industrial Education and Technology

The Industrial Technology Department offers students a quality education in many areas of industrial technology. The programs offered include Automotive, Drafting, Woodworking, Welding, Technology Education and Engineering. Courses are offered in a sequence from beginning to advanced. The Industrial Technology programs offer students the ability to explore career paths that prepare them to enter the world of work or continue their education in industrial technology. All Industrial technology programs are based on industry standards and emphasize hands-on learning. Courses in the Industrial Technology Department will give students a head start on pursuing a career.

Industrial Education and Technology Course Descriptions

Key: ☒ offered ☐ not offered **Sites:** PHS-Pioneer High WHS-Woodland High

ADVANCED AUTO TECHNOLOGY

Course Code: SP220Y

Grade: 10-12

☒ PHS ☒ WHS

This class is taught on the WHS Campus but open to PHS students.

Prerequisite: Foundations of Auto Technology

Course Description: This course will lead to industry readiness and is a stepping stone for post-secondary education and or professional training. Advanced Auto Technology is designated as the next step in our automotive technicians course that introduces students to critically think and problem solve the 8 basic systems of a vehicle (engine repair, automatic transmission/transaxle, manual drivetrain and axles, steering and suspension, Brakes, Electrical/ Electrical systems, Engine performance, Automotive HVAC). After completion of this course students will be prepared for many entry level positions in the automotive industry. Entry level positions include but are not limited to Lube Technician, Service Porter, Tire Installer and Battery Installer as well as technicians assistant, entry level service advisor or part counter attendant. This course also helps students to construct real world application of the Common Core State Standards with math and science courses and apply this knowledge to a real world work environment. They will apply basic arithmetic, physics, chemical sciences, algebra, geometry and computer sciences in an array of applications related to the automotive sector. Students will also explore career ready practices and model career skills.

ADVANCED CONSTRUCTION TECHNOLOGY

Course Code: SP430Y

Grade: 10-12

☐ PHS ☒ WHS

Prerequisite: Foundations of Construction Technology

Course Description: This advanced course builds upon the curriculum in Foundations of Construction Technology to delve deeper into the 20 Construction Trade Areas (CTA) including Blueprint Reading, Cabinetmaking, Communications, Concrete, Drywall, Electrical, Estimation, Finish Carpentry, Green Construction, Hand Tools, HVAC, Masonry, Painting, Plumbing, Power Tools, Roof Framing, Surveying, Tile Setting, Wall Framing, and Weatherization. Students will: work productively in small teams of 2, use technology to enhance productivity, plan education and career paths, utilize critical thinking, define problems and persevere in solving them, demonstrate creativity and innovation, employ valid and reliable research methods, and apply appropriate academic & technical skills. Every unit requires that students submit evidence of learning for each project, complete multiple objective assessments, and present solutions to the class as proof of knowledge and skill attainment. Within each unit students will read for understanding and information, use applied math skills, and write every day. Applications of science principles will be reinforced through applicable units.



FOUNDATIONS OF AUTO TECHNOLOGY		
Course Code: SP230Y	Grade: 10-12	<input type="checkbox"/> PHS <input checked="" type="checkbox"/> WHS
This class is taught on the WHS Campus but open to PHS students.		
Course Description: Foundations of Auto Technology is the study of the different components and subsystems of today's modern automobiles. The class will take a look into each one of the subsystems to give a general idea of how each component works in unison with other components. Moreover, the theories of different automotive technologies will be learned as well as where automotive technology is headed in the future. Close attention will be given to why components are designed the way they are and students will be encouraged to think in an innovative manner to improve on current designs.		

FOUNDATIONS OF CONSTRUCTION TECHNOLOGY		
Course Code: SP420Y	Grade: 10-12	<input type="checkbox"/> PHS <input checked="" type="checkbox"/> WHS
Course Description: This class provides a student experience that develops career ready practices through career exploration in the context of project based learning. All knowledge and skills are based on career cluster and pathway standards to promote college and career readiness. This is especially important in the ninth grade because without a robust experience at this level many students enter high school unaware of what careers may be best for them. 20 Construction Trade Areas (CTA) include Blueprint Reading, Cabinetmaking, Communications, Concrete, Drywall, Electrical, Estimation, Finish Carpentry, Green Construction, Hand Tools, HVAC, Masonry, Painting, Plumbing, Power Tools, Roof Framing, Surveying, Tile Setting, Wall Framing, and Weatherization. Students will: work productively in small teams of 2, use technology to enhance productivity, plan education and career paths, utilize critical thinking, define problems and persevere in solving them, demonstrate creativity and innovation, employ valid and reliable research methods, and apply appropriate academic & technical skills. Every unit requires that students submit evidence of learning for each project, complete multiple objective assessments, and present solutions to the class as proof of knowledge and skill attainment. Within each unit students will read for understanding and information, use applied math skills, and write every day. Applications of science principles will be reinforced through applicable units.		

WELDING TECHNOLOGY 1		
Course Code: SP510Y	Grade: 10-12	<input type="checkbox"/> PHS <input checked="" type="checkbox"/> WHS
Course Description: This concentrator course builds upon the Manufacturing and Product Development introduction course and provides students with additional concepts and experiences required for career readiness and pursuing further education in Welding and Materials Joining career pathway, which precedes this pathway's capstone course. This concentrator course leads to the capstone course in the Welding and Materials Joining pathway's sequence of courses.		

WELDING TECHNOLOGY 2		
Course Code: SP520Y	Grade: 10-12	<input type="checkbox"/> PHS <input checked="" type="checkbox"/> WHS
Prerequisite: <i>Welding Technology 1</i> Course Description: The Welding Technology 2 is a capstone course that provides students with an understanding of manufacturing processes and systems common to careers in welding and related industries. Topics include the		



interpretation and layout of welded and assembled-parts, reading blueprints, and understanding welding symbols. Further topics included are the common welding processes found in the industry, metal characteristics, and finishing processes dealing with welded parts and projects.

[Return to table of contents](#)

Mathematics

The mathematics department provides a rigorous mathematics program designed to prepare students for a variety of college or career options. The mathematics courses are based on the essential skills and knowledge expected of students in all California schools as described in the Mathematics framework for California Public Schools. Traditional course offerings follow the California State Standards and include: Integrated Math I, Integrated Math II, Integrated Math III, Pre-Calculus, Calculus, and Probability and Statistics. The mathematics department is committed to meeting the needs of all learners and offers several advanced and honors courses as well as courses designed to remediate and refine skills for those students who require additional exposure. Since mathematics is a hierarchical discipline, following the course sequence and meeting the prerequisites at the beginning of the section are essential for successful course completion.

Mathematics Course Descriptions

Key: ☒ offered ☐ not offered **Sites:** PHS-Pioneer High WHS-Woodland High

ALGEBRA M	
Course Code: SQ210Y	Location of program based on Regional Program location
Program	Special Day Class ASD
Course Description: This course is designed for students with IEPs. Students will be taught with a variety of learning strategies to accommodate their diverse needs. This course focus on on algebraic expressions, exponents, polynomials, solving equations, geometric congruence proof and construction methods, finding volumes, areas, descriptive statistics, connecting algebra and geometry through transformations, reasoning and proof as well as real life applications.	

FUNCTIONAL MATH M	
Course Code: SQ270Y	Location of program based on Regional Program location
Program	Special Day Class Severely Handicapped (SH)
Course Description: This course focuses on very fundamental math recognition skills for students still working on basic concepts necessary for daily and potentially independent living skills. Number recognition, basic counting, beginning number sense, money recognition and counting, making change and use of a calculator are emphasized. In this class significant modifications are being made to the standards for students requiring this level of academics.	

PRE GEOMETRY M	
Course Code: SQ220T	Location of program based on Regional Program location
Program	Special Day Class ASD
Course Description: This course is designed for students with IEPs. Students will be taught with a variety of learning strategies to accommodate their diverse needs. This course involves the integration of logical reasoning and spatial visualization skills. It includes a study of deductive proofs and applications from Algebra, a study of polygons, and an	



introduction to Trigonometry. Students will be required to “think visually” while transferring information to real life problems.

[Return to table of contents](#)

INTEGRATED MATH I		
Course Code: SC113Y	Grade: 9-12	■ PHS ■ WHS
Course Description: Students in Integrated Math I will deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomena, and in part by applying linear models to data that exhibit a linear trend. Students will use properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge. Algebraic and geometric ideas are tied together. Students will experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.		

INTEGRATED MATH II		
Course Code: SC133Y	Grade: 9-12	■ PHS ■ WHS
Prerequisite: Grade 8 Math I or Integrated Math I with a passing grade of C- or above Course Description: Students in Integrated Math II will focus on quadratic expressions, equations, and functions, extend the set of rational numbers to the set of complex numbers, link probability and data through conditional probability and counting methods, study similarity and right triangle trigonometry, and study circles with their quadratic algebraic representations.		

INTEGRATED MATH II ADVANCED		
Course Code: SC135Y	Grade: 9-10	■ PHS ■ WHS
Prerequisite: Grade 8 Math I or Integrated Math I with a passing grade of C- or above Course Description: Students in Integrated Math II will focus on quadratic expressions, equations, and functions, extend the set of rational numbers to the set of complex numbers, link probability and data through conditional probability and counting methods, study similarity and right triangle trigonometry, and study circles with their quadratic algebraic representations.		

INTEGRATED MATH III		
Course Code: SC142Y	Grade: 10-12	■ PHS ■ WHS
Prerequisite: Pass Integrated Math II with a passing grade of a C- or above Course Description: Students in Integrated Math III will integrate and apply the mathematics they have learned from their earlier courses. They will apply methods from probability and statistics to draw inferences and conclusions from data, expand their repertoire of functions to include polynomial, rational, and radical functions, expand their study of trigonometry to include general triangles, and use functions and geometry to create models and solve contextual problems.		

INTEGRATED MATH III ADVANCED		
Course Code: SC145Y	Grade: 10-12	■ PHS ■ WHS
Prerequisite: Pass Integrated Math II with a passing grade of a C- or above Course Description: Students in Integrated Math III Advanced will integrate and apply the mathematics they have learned from their earlier courses. They will apply methods from probability and statistics to draw inferences and		



conclusions from data, expand their repertoire of functions to include polynomial, rational, and radical functions, expand their study of trigonometry to include general triangles, and use functions and geometry to create models and solve contextual problems.

[Return to table of contents](#)

INTRODUCTION TO ROBOTICS ENGINEERING

Course Code: SP640Y

Grade: 9-12

■ PHS ■ WHS

Prerequisite: "C" or better in Integrated Math I

Course Description: This is an introductory course designed to give students an overview of many aspects of engineering as applied to robotics applications. The emphasis of this course is to provide students with a fun, hands-on experience where they will work in small teams to design, build and program their own robot. Teams will be given several design challenges and, ultimately, participate in a competition to test the worthiness of their design. During the design and fabrication process, students will test and evaluate their robot, all the while learning important life skills and engineering concepts. Topics will include workspace safety, teamwork and organization, engineering process, mechanical design, electronics, programming, pneumatics, media, and competition strategy.

CALCULUS

Course Code: SC192Y

Grade: 11-12

■ PHS ■ WHS

Prerequisite: A passing grade in Pre-Calculus and/or Integrated Math III.

Course Description: Calculus is a course offered to students who wish to learn Calculus in a problem-solving and artistic nature. Students will first strengthen their skills in trigonometry, logarithmic equations, and advanced algebra. Students will extend their experience with functions as they study the fundamental concepts of calculus: limiting behaviors, difference quotients and the derivative, Riemann Sums and the definite integral, antiderivatives and indefinite integrals, and the Fundamental Theorem of Calculus. In order to study the derivative, students will complete a major project including mathematical proofs of the derivative, the power rule, the product and quotient rule, and the six major trigonometric derivatives. Students will also be introduced to the topic of integrals through a major project on various Riemann Sums used to calculate the area under a curve. Important objectives of the calculus sequence are to develop and strengthen the students' problem-solving skills and to teach them to read, write, speak, and think in the language of mathematics. In particular, students learn how to apply the tools of calculus to a variety of problem situations.

CALCULUS A/B AP

Course Code: SC190Y

Grade: 11-12

■ PHS ■ WHS

Prerequisite: A grade of "C" or better in Pre-Calculus or Pre-Calculus Honors.

Course Description: Calculus AB develops a student's understanding of the concepts of calculus. This course emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed graphically, numerically, analytically and verbally. Students will understand the relationship between derivatives and the definite integral as expressed in both parts of the Fundamental Theorem of Calculus. Students will evaluate derivatives and integrals and use these skills to solve a variety of problems. Students will need a graphing calculator for this course. Students enrolled in this course are encouraged to take the AP examination in the spring.

CALCULUS B/C AP

Course Code: SC191Y

Grade: 11-12

■ PHS ■ WHS

Prerequisite: A grade of "C" or better in Calculus A/B.

Course Description: Calculus BC is a college level course covering derivatives, integrals, limits, approximation,



applications and modeling, and sequences and series. The course emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed graphically, numerically, analytically and verbally. Students will understand the relationship between derivatives and the definite integrals expressed in both parts of the Fundamental Theorem of Calculus. Students will evaluate derivatives and integrals and use these skills to solve a variety of problems. Students will need a graphing calculator for this course. Students enrolled in this course are encouraged to take the AP examination in the spring.

[Return to table of contents](#)

INTEGRATED MATH III WITH FINANCIAL APPLICATIONS

Course Code: SC143Y

Grade: 10-12

■ PHS ■ WHS

Prerequisite: *Integrated Math II.*

Course Description: This course offers 10th to 12th grade students an opportunity to view the world of finance through a mathematical lens. The topics were developed using the Common Core State Standards in Mathematics, the California Mathematics Standards, and the NCTM Curriculum and Evaluation Standards. The mathematical formulas, functions, and pictorial representations used assist students in making sense of the financial world around them and equip them with the ability to make sound financial decisions. The overarching purpose of the course is to develop the type of mathematically proficient students addressed in this excerpt from the Common Core State Standards for Mathematics.

PRE-CALCULUS HONORS

Course Code: SC161Y

Grade: 11-12

■ PHS ■ WHS

Prerequisite: *A grade of "C" or better in Integrated Math III.*

Course Description: Pre-Calculus Honors will provide students with the mathematical background needed to be successful in calculus. This course will cover the material in the pre-calculus course faster and at a deeper level. Students will work with finite limits, one-sided limits, limits at infinity, infinite limits, continuity and numerical and graphical interpretations of limits. Students will explore the numerical and graphical interpretations of a derivative, the definition of a derivative, rules for differentiation and applications of derivatives. Students will need a graphing calculator for this course.

INTRODUCTION TO PROBABILITY AND STATISTICS

Course Code: SC150Y

Grade: 11-12

■ PHS ■ WHS

Prerequisite: *A grade of "C" or better in Integrated Math III.*

Course Description: Introduction to Probability and Statistics is an introduction to the study of probability, interpretation of data, and fundamental statistical problem solving. Students will organize and describe data by creating a variety of visual summaries and by calculating summary statistics. Students will learn to use the rules of probability to make predictions and better understand the likelihood of an event occurring. Students will become familiar with standard distributions of data: normal, binomial and exponential. Students will use hypothesis tests, measures of significance and confidence intervals to make conclusions about a population based on given sample statistics. Students need to have a scientific calculator for this course. This course will enable and encourage students to analyze and interpret probabilities and statistical information they may be presented with in their education and day-to-day lives.

PRE-CALCULUS

Course Code: SC160Y

Grade: 11-12

■ PHS ■ WHS

Prerequisite: *A grade of "C" or better in Integrated Math III.*

Course Description: Pre Calculus will provide students with the mathematical background needed to be successful in calculus. Students will review material from previous college preparatory mathematics courses. Students will work with vectors, trigonometric functions, graphs of trigonometric functions, polar coordinates, complex numbers, fundamental



trigonometric relations, functions of two angles, solutions of triangles, circular and inverse trigonometric functions, logarithms, and the algebra of functions. Students who plan to major in engineering, math or the sciences are strongly recommended to take this course. Students will need a graphing calculator for this course.

[Return to table of contents](#)

APPLICATIONS OF MATHEMATICS		
Course Code: SC170Y	Grade: 12	■ PHS ■ WHS
<p>Prerequisite: <i>Passage of Integrated Math I and a Senior status.</i></p> <p>Course Description: Applications of Mathematics is an integrated math course that brings together real-life applications and mathematics. Intended to be a culminating math experience, lessons integrate number sense, number relationships, algebraic methods, statistics, probability, and geometry. Skills are applied in problem-solving situations.</p>		

MATH 1A - SINGLE VARIABLE CALCULUS I - Early Transcendentals		
Course Code: SC193Y	Grade Level: 11-12	Credits: 13.33 - Dual Enrollment course
■ PHS ■ WHS	College Credit Opportunity Dual Enrollment Course	UC/CSU: C
<p>Prerequisite: <i>A passing grade in Pre-Calculus and/or Integrated Math III</i></p> <p>Course Description: A first course in differential and integral calculus of a single variable: functions; limits and continuity; techniques and applications of differentiation and integration; Fundamental Theorem of Calculus. Primarily for Science, Technology, Engineering, and Mathematics Majors.</p>		

[Return to table of contents](#)



Performing Arts

The Performing Arts Department provides a wide variety of performing groups that engage students in all areas of: Theater Arts, Instrumental and Vocal Music and Theory programs that meet or exceed the proficiency levels of the California State Content Standards for the Performing Arts as well as meeting the "f" requirement for admission to the UC or CSU college system. Students enrolled in the Performing Arts courses will be required to perform in "out of class" performances throughout the year, as they are inherent to the nature of the classes. Students will be engaged in artistic perception, creative expression, historical and cultural content, aesthetic valuing, and applications made throughout their school curriculum. Students will be encouraged to continue their music/theater education long after their graduation.

Performing Arts Course Descriptions

Key: ☒ offered ☐ not offered Sites: PHS-Pioneer High WHS-Woodland High

ADVANCED MARIACHI ENSEMBLE

Course Code: SF177Y

Grade: 10-12

☒ PHS ☒ WHS

Prerequisite: Beginning Mariachi Ensemble and/or Intermediate Mariachi Ensemble

Course Description: Advanced study of mariachi song styles, vocal technique and performance. This course is intended for highly motivated musicians who are interested in the advanced study of mariachi. Students will be engaged in developing and mastering technical proficiency and esthetic sensitivity on a primary mariachi instrument with an emphasis on style. Students are expected to perform at school concerts and community events. This course is intended for students that have taken introductory and intermediate mariachi studies or have consent of the instructor based on their musical proficiency and background.

ADVANCED PIANO

Course Code: SF162Y

Grade: 11-12

☒ PHS ☒ WHS

Prerequisite: Intermediate Piano

Course Description: Advanced Piano is the third level of piano instruction. Students will continue their development of piano skills through daily practice and study of songs both in the method book as well as supplementary performance material. Students will develop technique through the use of scale studies and chord progressions. Students will continue their study of music theory as it supports their understanding of repertoire. Students will demonstrate growth and mastery through regular repertoire testing as well as participating in one performance per semester.

[Return to table of contents](#)

AP MUSIC THEORY

Course Code: SF190Y

Grade: 12

☒ PHS ☒ WHS

Prerequisite: High performance level on an instrument or voice and instructor's approval.

Course Description: The AP Music Theory course is intended for highly motivated musicians who are interested in the study of music, musical applications in voice or instrument, history, appreciation, and composition. The students will be engaged in the creative process, analysis, and criticism of music of the 18th century however expanding to include the



Renaissance through the 21st century. The course will provide the information and technical assistance to produce an original, copyrightable composition of high quality in the 18th century style. Students are encouraged to take the AP examination. The exam is given at the end of the year and may be granted college or university credit by the College Board.

BEGINNING MARIACHI ENSEMBLE

Course Code: SF175Y

Grade: 9-12

■ PHS ■ WHS

Course Description: This introductory Mariachi course is designed to enable students to develop their musicianship skills through the study of mariachi music and performance. Students are introduced to fundamental concepts of music notation and musical terminology. The course will demand technical proficiency and esthetic sensitivity on a primary mariachi instrument as well as rudimentary vocal technique with an emphasis on style. This rigorous course will explore Mexico's traditional regional repertoire and styles including Ranchera, Bolero, Ranchera Valseada, Ranchera Polkeada, Ranchera Lenta and Vals. Students are expected to publicly perform at the high school in order to build performance proficiency. The method book, *Mariachi Mastery* by Dr. Jeff Nevin will serve as the basis for the curriculum.

BEGINNING PIANO

Course Code: SF160Y

Grade: 9-12

■ PHS ■ WHS

Course Description: This is a course offered to students with no prior piano experience. Emphasis will be on note reading, chords, simplified major scales, playing familiar songs and developing proper hand structure and technique. This course will be graded, can be repeated and is intended to be a low stress and supportive addition to other music courses.

CHAMBER SINGERS

Course Code: SF112Y

Grade: 10-12

■ PHS ■ WHS

Prerequisite: Audition and/or teacher recommendation

Course Description: The Chamber Singers ensemble is the most advanced choral group. Students will study music primarily written for a cappella groups although accompanied music will be performed as well. Students will be encouraged to explore solo works for audition in regional and statewide honor ensembles. Concerts are given throughout the year in the greater Woodland and Sacramento areas, including choral festivals. During designated years, the group will undertake a major tour. Performance attendance is required.

CHOIR

Course Code: SF110Y

Grade: 9-12

■ PHS ■ WHS

Course Description: This course offers the students an opportunity to develop musical skills and to broaden their musical experience through rehearsal, performance, in class instruction and coursework on music fundamentals. This is a co-curricular performance class in which students are expected to participate in events outside of the regular school day; such as concerts and music festivals. As a beginning course, the curriculum is designed to introduce students to fundamental music concepts necessary for choral singing as well as prepare them for continued choral study in Concert Choir and Chamber Singers.

[Return to table of contents](#)

CONCERT BAND

Course Code: SF120Y

Grade: 9-12

■ PHS ■ WHS

Prerequisite: Recommendation by Middle School Instructor, or by audition and/or teacher recommendation.

Course Description: Concert band is the introductory music ensemble for high school students. It bridges the gap



between middle and high schools. Concert Band is to provide students with an introductory/expanded set of experiences for aesthetic discovery, recognition and appreciation in an ensemble performance setting. Concert Band is also designed to promote development in critical thinking/problem-solving skills, aural training, and technical/motor skills.

CONCERT CHOIR

Course Code: SF111Y

Grade: 10-12

■ PHS ■ WHS

Prerequisite: *One year of Choir, and/or teacher recommendation and audition.*

Course Description: This course offers the students an opportunity to continue to develop the musical skills introduced in Beginning Choir and broaden their musical experience through rehearsal, performance, in class instruction and coursework on music fundamentals. This is a co-curricular performance class in which students are expected to participate in events outside of the regular school day; such as concerts and music festivals. The curriculum is designed to build on concepts studied in Beginning Choir, building fluency in music sight reading, increasing depth of knowledge of music theory as it pertains to choral music, and continuing to develop understanding of optimal vocal technique through the study of increasingly rigorous and challenging choral literature.

[Return to table of contents](#)

HONORS JAZZ ENSEMBLE

Course Code: SF132Y

Grade: 10-12

■ PHS ■ WHS

Prerequisite: *Jazz Ensemble and audition*

Course Description: Honors Jazz Ensemble is an advanced year long course in jazz studies open to grades 10-12. Students must be able to play their instruments with proficient skills and expect to practice an extra 2-4 hours per week on a log. Instruments allowed in the course will be consistent with jazz instrumentation. The music will consist of grade level appropriate jazz music for different genres. Students will be advancing in music notation, rhythms, articulations, interpretation and work on more advanced studies in improvisation and develop more sophisticated skills and to analyze and understand the harmonic structure of the music that is played. The jazz band will perform on many occasions for the general public, both on and off campus, and at competitive music festivals around the state. Attendance at performances is a mandatory class requirement.

HONORS WIND ENSEMBLE

Course Code: SF134Y

Grade: 10-12

■ PHS ■ WHS

Prerequisite: *Wind Ensemble and audition*

Course Description: Honors Wind Ensemble is the most advanced of the music ensembles offered in Woodland Joint Unified School District and is designed for the student who is a highly competent performer. The students are challenged by music of the highest caliber, requiring a more sophisticated understanding of complex rhythms, all key signatures, musical terminology, ensemble skills, and extra effort on the part of the students. Through an increased expectation of focus and rigor, students will strive toward musical excellence, preparing them to pursue music at the collegiate level. Students will be expected to connect and apply what is learned in music to learning in other art forms, subject areas and careers.

INTERMEDIATE PIANO

Course Code: SF161Y

Grade: 10-12

■ PHS ■ WHS

Prerequisite: *Beginning Piano or instructor's recommendation and audition.*

Course Description: This is a course offered to students who have successfully completed the beginning piano course with a passing grade of C or above. Emphasis will be on note reading, rhythms, chords, simplified major scales, music



theory, playing familiar songs and developing proper hand structure and technique. This course will be graded, can be repeated and is intended to be a supportive addition to other music courses on campus. This is also a course for potential music majors to advance developing skills for piano proficiency in college. Students will give 2 recitals during each semester.

INTERMEDIATE MARIACHI ENSEMBLE

Course Code: SF176Y

Grade: 9-12

■ PHS ■ WHS

Prerequisite: *Beginning Mariachi Ensemble*

Course Description: This intermediate Mariachi course is designed to further enable students to develop their musicianship skills through the study of mariachi music, literature and performance. Students continue to build fundamental concepts of music notation and musical terminology with regards to mariachi literature. The course will demand technical proficiency and esthetic sensitivity on a primary or secondary mariachi instrument as well as rudimentary vocal technique with an emphasis on style. This rigorous course will explore Mexico's more musically demanding traditional repertoire and styles including Son Jalisciense, Son Jarocho, Huapango, Jarabe and Bolero. Students are expected to publicly perform at the high school and within the community in order to engage in community and team building opportunities. The method book, *Mariachi Mastery* by Dr. Jeff Nevin will serve as the basis for curriculum.

INTRODUCTION TO GUITAR

Course Code: SF140Y

Grade: 9-12

■ PHS ■ WHS

Course Description: The guitar course is offered to all students regardless of experience, including those students without previous knowledge in guitar. The course is primarily focused on the reading of traditional notation and not tablature. Weekly playing exams keep the students on a personal and progressive pace, that does not force students to compete with each other for academic success. Time is set aside each week for practice. All students are encouraged to bring their own acoustic guitars, however if a guitar is needed to participate, then a guitar will be provided for students use. This course may be repeated for credit and fulfills the Fine Arts requirement for graduation.

JAZZ ENSEMBLE

Course Code: SF130Y

Grade: 11-12

■ PHS ■ WHS

Prerequisite: *Two years of either Concert or Symphonic Band, instructor approval and/or audition.*

Course Description: The Jazz Ensemble is an advanced performing ensemble (with limited enrollment) that explores different sub-genres and styles through performance. Students will focus on the "Big Band" concept with the instrumentation that includes saxophones, trumpets, trombones and a rhythm section of piano, bass, drums and guitar. Students will participate in concerts, festivals, and public performances as a requirement for successful completion of the class. Occasionally, the students in this ensemble will participate with other advanced ensembles on tour. The course will give students foundations and experience in the genre of Jazz. Performance attendance is required.

[Return to table of contents](#)

PERFORMING ARTS INDEPENDENT STUDY

Course Code: SF151T

Grade: 11-12

■ PHS ■ WHS

Course Description:

This is a self-designed program. Students wishing to study independently should make plans well in advance.



Independent Study is available only by special arrangement with the instructor in the department. Students should meet with the instructor before or at the beginning of the semester to design the program and get it approved in writing by the instructor and the department chairperson. This cannot be done at any other time. Space is VERY limited.

PLAY PRODUCTION

Course Code: SF220Y

Grade: 10-12

■ PHS ■ WHS

Prerequisite: Grade of "C" or higher in Theatre Arts A/B or teacher's permission.

Course Description: The Play Production class is an advanced Theatre Arts class that is responsible for producing all the High School major productions. The students in Play Productions will make up the cast and crew of the shows. Students will learn all aspects of production including lighting, sound, set construction and design, costumes, props, advertising and stage management. Students are required to do fundraising and to participate in after school hours acting or crewing for the productions. Class attendance is mandatory. Students will get the full theatrical experience and be encouraged to further develop their skills.

STRINGS I

Course Code: SF171Y

Grade: 9-12

■ PHS ■ WHS

Course Description: Strings I is an entry level course for students wishing to learn a string instrument (e.g., violin, viola, cello or bass). This course is a prerequisite for Strings II, String Orchestra or Mariachi Band.

STRINGS II

Course Code: SF172Y

Grade: 10-12

■ PHS ■ WHS

Prerequisite: Grade of "C" or higher in Strings 1 or teacher's permission.

Course Description: The Strings II course is the continuation of Strings I, where music students develop advanced skills in violin, viola, cello and bass. The course feeds into String Orchestra and/or Mariachi Band. Students will be exposed to the literal instruction of music for intermediate and advanced strings.

STRINGS ORCHESTRA

Course Code: SF123Y

Grade: 11-12

■ PHS ■ WHS

Course Description: Students will take work done in Strings I or Concert Band and have the opportunity to prepare and perform music from the Great Masters of the Orchestral Repertoire. This course will allow for more variety in what the district currently offers for instrumentalists in our programs. Students will have the opportunity to learn the instruments of the string family to include violin, viola, cello and string bass. Wind players will have had previous experience from our district band programs. Outside concert attendance will be required.

[Return to table of contents](#)

SYMPHONIC BAND

Course Code: SF121Y

Grade: 10-12

■ PHS ■ WHS

Prerequisite: One year of Concert Band, or Instructor's recommendation.

Course Description: Symphonic Band is the second music ensemble for high school students in WJUSD. It bridges



the gap between concert band and wind ensemble. Symphonic Band is to provide students with an expanded set of experiences for aesthetic discovery from concert band, recognition and appreciation in an ensemble performance setting. Symphonic Band is also designed to promote development in critical thinking/problem-solving skills, aural training, and technical/motor skills.

THEATRE ARTS A/B

Course Code: SF210Y

Grade: 9-12

■ PHS ■ WHS

Course Description: Theatre Arts is designed to give students an opportunity to develop knowledge and skills in acting and to explore the elements in theatrical production. Students will study and perform acting exercises such as pantomime, voice, improvisation, motivation, characterization, scenes, and monologues. Students will create their own scenes, as well as study classic works. Students are required to participate in the Theatre experience outside of class by attending plays and getting hands-on experience by doing behind the scenes work for productions. Students will finish the year with a general overview of theater arts and with performance experience.

TREBLE SHOW CHOIR

Course Code: SF113Y

Grade: 9-12

■ PHS ■ WHS

Prerequisite: Previous choral experience or by consent of the director.

Course Description: Students will develop basic vocal pedagogy along with application of vocal jazz styles. Dance is a regular element of this class. Concert in school and local community events, mini tours, field trips are required. This will be a graded course.

WIND ENSEMBLE

Course Code: SF122Y

Grade: 9-12

■ PHS ■ WHS

Prerequisite: Instructor's recommendation and audition.

Course Description: In this summative course, students will be performing high school and collegiate literature appropriate for college entrance auditions. Students will sometimes have full rehearsals and several times use small group, or sectional time to achieve music fluency. Additionally, students will perform at festivals in California as they work towards creating higher level skills and critical thinking skills in college preparation.

[Return to table of contents](#)



Physical Education

Physical Education courses develop skills and knowledge of various sport units, which promote physical development and fitness and provide the basis for recreational activities following completion of high school. The student's knowledge of safety and health, leadership, and good sportsmanship is enhanced.

Students are required to dress in PE uniforms for all courses except Walking for Fitness. Uniforms can be purchased in the student store. It is the responsibility of the individual student to provide and launder his/her uniform. No student may enroll in more than one physical education class per semester unless deficient in PE credits for graduation. (Physical Education Assistant not included). All incoming ninth grade students must enroll in Physical Education 9.

Physical Education Course Descriptions

Key: ☒ offered ☐ not offered Sites: PHS-Pioneer High WHS-Woodland High

CO-ED PE 9

Course Code: SN110Y

Grade: 9

☒ PHS ☒ WHS

Course Description: Meets high school 9th grade PE requirement.

This physical education course will provide emphasis on the development of conditioning techniques, health-related fitness and physical fitness including agility, strength, flexibility, and cardiovascular endurance. This physical education course will also provide emphasis on the value of lifetime fitness and lifetime activity. In addition, this physical education course will further the student's knowledge of safety and health and promote leadership and good sportsmanship. The students will also be instructed in aquatics, gymnastics/tumbling, individual and team sports, rhythms, and dance along with combative activities.

CO-ED PE 10

Course Code: SN111Y

Grade: 10

☒ PHS ☒ WHS

Course Description: Meets requirements toward graduation, may be repeated for additional credit.

This physical education course will continue to provide emphasis on the value of lifetime fitness and lifetime activity. Students will participate in court sports, team activities, and physical fitness activities.

CONDITIONING FOR INTERSCHOLASTIC ATHLETES

Course Code: SN270T

Grade: 10-12

☐ PHS ☒ WHS
Semester (5 credits)

Course Description: Meets requirements toward graduation, may be repeated for additional credit.

This physical education course will continue to provide emphasis on the value of lifetime fitness and lifetime activity. Students will participate in court sports, team activities, and physical fitness activities.

RHYTHMS & FITNESS

Course Code: SN220T

Grade: 10-12

☐ PHS ☒ WHS
Semester (5 credits)

Course Description: Meets requirements toward graduation, may be repeated for additional credit.

This course will offer a variety of health and skill-related fitness concepts with a focus on rhythmic activities. Students will participate in fitness stations, jump rope, yoga, Pilates, tae-bo, gymnastics and tumbling along with a variety of different dance styles. This course will provide key concepts, knowledge, and skills of rhythms and fitness for students to participate and be able to lead a healthy active lifestyle.

[Return to table of contents](#)



WALKING FOR FITNESS		
Course Code: SN260T	Grade: 10-12	<div> <div></div> PHS <div></div> WHS </div> Semester (5 credits)
Course Description: <i>Requirement: Athletic Shoes</i> Students will participate in daily walks that may include: walking a measured course for time or number of laps, participate in stadium walks, and neighborhood walks. The emphasis of this class is on cardiovascular conditioning and lifelong fitness through walking.		

WEIGHT TRAINING		
Course Code: SN250T	Grade: 10-12	<div> <div></div> PHS <div></div> WHS </div> Semester (5 credits)
Course Description: <i>Meets requirements toward graduation, may be repeated for additional credit.</i> This physical education elective course will provide emphasis on the value of lifetime fitness and lifetime activity. The student will be taught a variety of different lifting techniques and will be put through a Speed Strength Training program. This will include dynamic movement, cardiovascular training, weight training, and combative activities. Weight Training 10-12 will provide sophomores, juniors, and seniors with an opportunity to complete one of their two years of PE.		

[Return to table of contents](#)



Science

Our science courses are designed to organize the body of science knowledge into subject areas and to teach methods of science that will be used to broaden our students' knowledge during their lifetimes. We live in an ever-changing world and our students will need to be prepared to meet new challenges with a solid, basic education. These courses in science will give students analytical skills that will enable them to advance, absorb new discoveries, and be critical thinkers in a modern society. All courses are aligned with California academic content standards or national standards.

Science Course Descriptions

Key: ☒ offered ☐ not offered Sites: PHS-Pioneer High WHS-Woodland High

ANATOMY/PHYSIOLOGY

Course Code: SD510Y

Grade: 10-12

☒ PHS ☒ WHS

Prerequisite: "C" or better in Biology or Chemistry or teacher approval. 11th and 12th grade students only.

Course Description: This course focuses on the anatomy and physiology of the human body. Students will perform experiments in respiration, circulation, digestion, and other body systems. Students may work frequently with microscopes and dissections. This course is recommended for students who want to go to college and pursue careers in medicine, health, physical education, or other life sciences. As an alternative to physics, this class will further a student's understanding of the human body and help to prepare them for college.

BIOLOGY in the Living Earth

Course Code: SD112Y

Grade: 9-10

☒ PHS ☒ WHS

Course Description: The Living Earth course is based on the CA 3course model which integrates both Life Science and Earth and Space Science Performance Expectations, the Science and Engineering Practices, the CrossCutting Concepts and the CA Environmental Principles and Concepts. Using evidence from experiments, research, and observations, students will learn how to formulate questions, evaluate and develop claims backed by evidence and reasoning, and develop models to make interpretations and investigate the natural world and the interactions between the biotic and abiotic systems of the earth. Topics will include: History of Earth's Atmosphere: Photosynthesis and Respiration, Evidence of Evolution, Inheritance of Traits, Structure, Function, and Growth (from cells to organisms), Ecosystems Interactions and Energy, and Ecosystem Stability and the Response to Climate Change.

BIOLOGY AP

Course Code: SD190Y

Grade: 10-12

☒ PHS ☒ WHS

Prerequisite: "B" or better in Biology and a "C" or better in Chemistry or concurrent enrollment in Chemistry or with teacher approval.

Course Description: AP Biology is a second high school biology course that will broaden and enhance a student's level of science knowledge and further prepare them for college. This course is designed to offer students topics in Biology that are covered in a university freshman level course. Highly motivated students in AP Biology class will be required to actively participate in lectures and laboratory activities as well as rigorous and challenging reading assignments on a daily basis. Exams cover 3-4 chapters in the text and generally occur every two to three weeks. Lab activities specified by the College Board, and additional labs chosen by the teacher, are conducted to give a fair representation of a university-level biology course. Students enrolled in this course are encouraged to take the AP examination in the spring.

[Return to table of contents](#)



BIOLOGY & COMMUNITY HEALTH

Course Code: S150Y

Grade: 9-12

☒ PHS ☐ WHS

Course Description: Biology and Community Health is a college preparatory laboratory science course with Next Generation Science Standards for Life Science integrated with Public and Community Health Pathway standards. This course is designed to provide students with an understanding of biological concepts through the study of the effect of disease on public and community health. Students will engage in experiments, conduct research, complete simulations and apply knowledge of cellular physiology to understand the spread of disease, which is the foundation of public and community health. Students will use experiments and genetic concepts to demonstrate the prevalence of hereditary disorders within a community. Using the concepts of evolution, students will examine the relationship between humans and pathogens and their change over time. Students will trace how public health has impacted the size of the human population over time. They will identify environmental issues affecting health in their community and then create action plans to improve the health outcomes within the community. The course culminates with students engaging in community health by going out and educating their community about relevant health problems prevalent in that community.

BIOLOGICAL SCIENCE M

Course Code: SQ310Y

Location of program based on Regional Program location

Program

Special Day Class ASD

Course Description: This course focuses on understanding the principles of the biological world and the study of living things. The established content goals for general education will be incorporated into the structure of the class to provide opportunities for special education learners to access the general education curriculum with modified materials, assignments and/or expectations as needed to be consistent with the student's learning style and pace. This class does not offer a laboratory practicum component. This class will complete the high school Life Science requirement.

CHEMISTRY IN THE EARTH SYSTEM

Course Code: SD212Y

Grade: 10-12

☒ PHS ☒ WHS

Course Description: Chemistry in the Earth System is a laboratory based college preparatory course. As part of the three course model for Next Generation Science Standards (NGSS), there is integration of Chemistry and Earth Science topics into one course. The course describes how Chemistry topics affect the Earth System, focused on climate change. The focus will be on both Earth Science and Physical Science disciplinary core ideas. The course will also focus on the continued development of Science and Engineering Practices (SEPs) and Crosscutting Concepts (CCC). Each instructional segment is focused on a key anchoring phenomenon, and is split up into individual investigations each with their own investigative phenomena, connected to the anchoring phenomena. At the end of the course, students will have explored the fundamentals of Chemistry and the essential roles these processes play in Earth's geosphere, hydrosphere and atmosphere.

CHEMISTRY (Honors)

Course Code: SD211Y

Grade: 10-12

☒ PHS ☐ WHS

Prerequisite: Integrated Math II with an "A" or "B", concurrent enrollment in (or completion of) Integrated Math III, and Biology with an "A" or "B" and approval of a biology teacher.

Course Description: Honors Chemistry is a rigorous, college-prep, laboratory science class that provides a foundation in general and inorganic chemistry for the college-bound science major. This class will equip students to be successful in a first-year college chemistry course. Students will participate in many qualitative and quantitative hands-on labs to develop theoretical aspects of chemistry. Honors Chemistry progresses at a rapid rate, covers a greater depth of



content, and applies more complex mathematics than Chemistry. Students need to be able to apply math previously learned to solve a variety of problems encountered in Honors Chemistry.

[Return to table of contents](#)

CHEMISTRY AP		
Course Code: SD290Y	Grade: 10-12	<input type="checkbox"/> PHS <input checked="" type="checkbox"/> WHS
Course Description: The Chemistry AP course is a rigorous second year Chemistry course designed to further develop knowledge of Chemistry concepts. The course will be the equivalent of the general chemistry course usually taken during the first year of college. Students will learn about the structure of matter, states of matter, and chemical reactions. This course will build upon the foundations of chemistry that were introduced in the first year chemistry course. This course is recommended for students that are interested in science majors including medicine, biotechnology, engineering, etc.		
EARTH SCIENCE M		
Course Code: SQ320Y	Location of program based on Regional Program location	
Program	Special Day Class ASD	
Course Description: This course focuses on understanding the principles of the physical earth. The established content goals for general education will be incorporated into the structure of the class to provide opportunities for special education learners to access the general education curriculum with modified materials, assignments and/or expectations as needed to be consistent with the student's learning style and pace. This class does not offer a laboratory practicum component. This class will complete the high school Physical Science requirement.		
EMERGENCY MEDICINE I		
Course Code: SD153Y	Grade: 10-12	<input checked="" type="checkbox"/> PHS <input type="checkbox"/> WHS
Prerequisite: Successful completion Biology SD110Y or Bio/Sust Ag SR122Y or Bio & Community Health Course Description: This concentrator course is designed to provide students specific content knowledge and skills required in all health and medical sciences. In addition to learning the key elements of the U.S. healthcare system, students will learn terminology, anatomy and physiology, pathologies, diagnostic and clinical procedures, therapeutic interventions, and the fundamentals of medical emergency care. Throughout the course, instructional activities emphasize safety, professionalism, accountability, and efficiency for workers within the healthcare field.		
EMERGENCY MEDICINE II		
Course Code: SD154Y	Grade: 11-12	<input checked="" type="checkbox"/> PHS <input type="checkbox"/> WHS
Prerequisite: Successful completion of Med 1: Intro to Emergency Medical Care Course Description: Emergency Medical Technicians (EMTs) care for the sick or injured in emergency settings, and people's lives often depend upon their quick reaction and competent care. California law requires all ambulance attendants to be trained and certified at the EMT level. Many fire departments also require firefighters to be EMT certified. EMTs are often used as the first dispatched medical providers within an Emergency Medical Services (EMS) system. Training consists of 170 hours, broken down into lecture, lab and supervised field experience. Students must participate in an ambulance ride-along and hospital emergency room clinical. CalAPS will provide an EMT Course Completion Certificate, EMT skills verification including LA County Scope of Practice and access to test with the National Registry of Emergency Medical Technicians (NREMT). Students will also earn a Basic Life Support (BLS) through the American Heart Association or American Red Cross.		
ENVIRONMENTAL SCIENCE AP		
Course Code: SR190Y	Grade: 11-12	<input checked="" type="checkbox"/> PHS <input type="checkbox"/> WHS



Prerequisite: Successful completion of Chemistry with a "C" or better.

Course Description: AP Environmental Science uses "hands-on" learning strategies to teach students to establish an experiment, collect, organize, analyze, evaluate and report data for laboratory assignments. Chemistry and Physics principles are included, but not emphasized. Students will submit an organized lab journal using the Scientific Method of Reporting on a weekly basis. This class will cover all California Earth Science Standards.

[Return to table of contents](#)

FORENSIC SCIENCE

Course Code: SD140Y

Grade: 10-12

■ PHS ■ WHS

Course Description: Forensic Science is the application of science to law. The class is designed to allow students to apply chemistry, physics and biology principles to crime scene analysis. This course will also explore topics such as evidence gathering, analytical techniques, fingerprints, blood spatter analysis, toxicology, hair and fiber analysis, and entomology and Odontology. The class is recommended for students interested in criminal justices and analytical lab techniques.

FUNCTIONAL SCIENCE

Course Code: SQ330Y

Location of program based on Regional Program location

Program

Special Day Class Severely Handicapped (SH)

Course Description: This course will be taught using resources within the classroom as well as within the community. Accommodations and modifications will be implemented per the student's IEP. The emphasis will be upon life science and physical science instruction that will be beneficial and relevant to life skills instruction for the students requiring significant modifications to their instruction. This course will fulfill the requirements for students to receive the Certificate of Completion and may be repeated for credit.

MARINE BIOLOGY

Course Code: SD441Y

Grade: 10-12

■ PHS ■ WHS

Prerequisite: Biology or Ag Biology

Course Description: The marine environment encompasses 99% of the Earth's biosphere and contains an incredible diversity of microbial, algal, and animal life forms. This course will examine the biology of these organisms and the abiotic (e.g., salinity, nutrients, water currents and tides) and biotic factors (e.g., competition, predation, symbiosis) that influence their distribution and abundance. Specific topics will include primary and secondary production, rocky intertidal biodiversity, estuaries, subtidal communities, coral reefs, pelagic and deep-sea communities, impacts of humans on the ocean, and conservation.

NEUROSCIENCE

Course Code:SD111Y

Grade: 10-12

■ PHS ■ WHS

Prerequisite: Successful completion of Biology, Biology Sus Ag, Med. Bio with a "C" or better.

Course Description: Non-honors, laboratory based introduction to neuroscience and biopsychology with an emphasis on experimentation and case studies while studying the processes of the nervous system as it relates to consciousness. The human brain is the most complex structure in the known universe. The study of its structure and function and how it figures into our actions and experience is among the most exciting arenas of modern science. This class will begin with molecules and cells, build up to brains and nervous systems, encompass neural signaling, sensory perception, memory, language, and emotion, and culminate with the great mystery of how brain processes relate to mental experience, that is, how the mind is related to the brain.

[Return to table of contents](#)



PHYSICS OF THE UNIVERSE		
Course Code: SD312Y	Grade: 10-12	■ PHS ■ WHS
<p>Chemistry is not required for this course however, it is better to take chemistry first.</p> <p>Course Description: This course is a laboratory science course that emphasizes students' ability to demonstrate their knowledge of Physics within the context of the Science and Engineering Practices delineated in the Next Generation Science Standards (NGSS). This course specifically examines the role of Physics Laws and processes in driving the Earth system. Topics will include: Forces and Motion, Forces at a Distance, Energy Conservation and Conversion, Waves and Electromagnetic Radiation, and From the Nucleus to the Universe..</p>		

PHYSICS 1 AP		
Course Code: SD390Y	Grade: 10-12	■ PHS ■ WHS
<p>Prerequisite: Integrated Math III or pre-calculus with a grade of "B" or better, be concurrently enrolled in pre-calculus or have instructor approval.</p> <p>Course Description: Advanced Placement Physics 1 is designed to be equivalent to the introductory college-level algebra based physics course. Students will learn about Kinematics, Newton's Laws of Motion, Gravitation & Harmonic Motion, Waves & Sound, Electrostatics and Simple Electric Circuits. AP Physics is a thorough, in-depth, student-centered and inquiry activities based class that gives students flexibility and control over how they learn the course curriculum. Students will be required to increase their logic skills, problem solving and analytical abilities. It is a great opportunity for students to become more prepared for college and expose them to further their science career options. Students enrolled in this course are encouraged to take the AP examination in the spring.</p>		

ZOOLOGY/BOTANY		
Course Code: SD130Y	Grade: 10-12	■ PHS ■ WHS
<p>Prerequisite: Students must have completed Biology with a "C" or better or teacher approval.</p> <p>Course Description: This lab-based elective course will go beyond the basic biology standards with specific focus upon physiology and anatomy of the plant and animal kingdoms. Students will perform labs involving dissections, specimen collections, taxonomy, and cell processes. Various research projects, presentations, and group work experiences will be required in the class. First semester will be spent on zoology and the second semester on botany. Out of class experiences are required in both semesters. This course is designed to further a student's interest in biology and can be taken before or after chemistry.</p>		

[Return to table of contents](#)



Social Science

The History-Social Science curriculum offers a balanced and academically rigorous program. The courses are sequential so that mastery of skills at one of the levels will prepare to succeed at the next level. Students in grades 9 or 10 study major turning points that shaped the modern world, from the late eighteenth century through the present. After a review of the nation's beginnings, students in grade 11 study the development of U.S. democratic ideals and the major turning points in American history in the 20th century. During one semester in grade 12, students pursue a deeper understanding of U.S. national, state and local government. In the next semester, they study the basic principles of economics

Social Science Course Descriptions

Key: ☒ offered ☐ not offered

Sites: PHS-Pioneer High WHS-Woodland High

ADMINISTRATION OF JUSTICE

Course Code: SA550Y

Grade: 9-12

☐ PHS ☒ WHS

Course Description: Students in this public service pathway course will identify the nature of the field of criminology, including key terms and concepts. The nature and definition of crime, criminal intent, and explore the basic debate of nature versus nurture in determining causation, will be assessed. Students will then develop a deeper understanding of the competing and overlapping theories that comprise a nuanced approach to causation. These include neoclassical, psychiatric, psychological, social structure, social process and development, and social conflict theories about criminal behavior. Next, students will complete a deeper study of the types of crime that have been defined by criminology, including crime against persons, property, white collar and organized crime, and recreational offenses, including public order and drug crimes. Students will conclude the course with a study of new types of crime, including cybercrime and global terrorism. They will likewise purview crime prevention efforts for the various classes of crime covered, as well as obstacles and assets in each case.

CHICANO STUDIES

Course Code: SA510Y

Grade: 9-12

☒ PHS ☒ WHS

Meets Ethnic Studies Graduation Requirement

Course Description: This class is an introductory course, designed for students from grades 10th through 12th. As an elective course under the social sciences/history category, students will examine and appreciate the history and contributions of the Mexican American in the United States. The class will be enriched with works of literature, poetry, storytelling, art, song and cinema. In the process of reading and analyzing scholarly interpretations and firsthand accounts of the Natives perspective we will be asking several questions. They include (but are in no way limited to) the following: How have Native Americans contributed to our society? What historical events led to the Chicano Movement? Are the contributions of Mexicans acknowledged or ignored? What are the achievements of Latinos?

[Return to table of contents](#)



CRIMINAL JUSTICE IN AMERICA

Course Code: SA551Y

Grade: 10-12

☐ PHS ☒ WHS

Prerequisite: *Administration of Justice*

Course Description: The course Criminal Justice in America provides students with the necessary real world skills, content knowledge in a standard American Government course, while also allowing them to understand how this knowledge is applied in careers in government services and legal sectors. This course will guide students to understand the principles on which the United States government was founded, the structure of government at the federal, state and local levels, the individual and civil liberties needed to maintain a democratic society, and the way in which order is maintained through law enforcement and the judiciary. The instructional activities will engage students socially and politically so they can think critically about the world around them.

EUROPEAN HISTORY AP

Course Code: SA190Y

Grade: 10

☒ PHS ☐ WHS

Prerequisite: *Students must be in 10th or 12th grade.*

Course Description: The object of the course is to increase students' understanding and appreciation of European history while helping each student succeed on the AP European History Exam. This course will examine the period of European history from 1350-2017. The course will focus on the social, political, religious, intellectual, technological and economic developments throughout this period of history. For this reason, students need to understand periodization in European history and to relate it to the following themes: Intellectual and Cultural History, Political and Diplomatic History, and Social and Economic History. Within these themes, there are several sub-themes that will be interwoven throughout the year. Students will use the textbook, as well as a variety of primary sources to become more familiar with these themes. Students enrolled in this course are encouraged to take the AP examination in the spring.

FUNCTIONAL SOCIAL SCIENCE

Course Code: SQ750Y

Location of program based on Regional Program location

Program

Special Day Class Severely Handicapped (SH)

Course Description: This course will be taught using resources within the classroom as well as within the community. Accommodations and modifications will be implemented per the student's IEP. The emphasis will be upon social science instruction that will be beneficial and relevant to life skills instruction for the students requiring significant modifications to their instruction. This course will fulfill the requirements for students to receive the Certificate of Completion and may be repeated for credit.

PSYCHOLOGY

Course Code: SA610T

Grade: 9-12

☒ PHS ☒ WHS

Course Description: This is a one-semester course, which introduces students to the study of psychology. This course includes an overview of major psychological approaches, theories, and concepts and is designed to help students gain a better understanding of themselves and of other people. All students will take a semester final.

PSYCHOLOGY ADVANCED

Course Code: SA611T

Grade: 10-12

☒ PHS ☒ WHS

Prerequisite: *Must have passed Psychology with a C or better or have instructor approval.*

Course Description: This course will include an introductory unit on experimental design, reliability, and statistical inference. Students will further their studies of personality development and theory with an introduction to intrapersonal and social relationships, including peer groups. Students will look at areas such as altered states of consciousness. Finally students will study some of the concepts and problems with regard to abnormal behavior, with an emphasis on the most prevalent social problems of today.

[Return to table of contents](#)



SOCIOLOGY		
Course Code: SA710T	Grade: 9-12	<input checked="" type="checkbox"/> PHS <input checked="" type="checkbox"/> WHS Semester (5 credits)
Course Description: This is a one-semester course, which introduces students to the subject of sociology. This course is designed to introduce students to the tools and responsibilities of a sociologist and encourage students to use these skills to investigate and explain real problems through data collection and analysis. The students in this course will also seek to understand interactions among individuals, groups, and institutions. All students will take a semester final. What historical events led to the Chicano Movement? Are the contributions of Mexicans acknowledged or ignored? What are the achievements of Latinos?		

WORLD GEOGRAPHY AND CULTURES		
Course Code: SA541Y	Grade: 10-12	<input checked="" type="checkbox"/> PHS <input type="checkbox"/> WHS
Course Description: World Geography and Cultures offers a curriculum that enables students to explore how geographic features, human relationships, political and social structures, economics, science and technology, and the arts have developed and influenced life in countries around the world. Along the way, students are given rigorous instruction on how to read maps, charts, graphs, and how to create them. The course also emphasizes the perspectives of minority groups while allowing students from all backgrounds to better understand and appreciate how race, culture and ethnicity, and identity contribute to their experiences. Major topics in the course include identity, immigration, assimilation and distinctiveness, power and oppression, struggles for rights, regionalism, current events, culture and the media, and the formation of new cultures.		

WORLD HISTORY		
Course Code: SA110Y	Grade: 10	<input checked="" type="checkbox"/> PHS <input checked="" type="checkbox"/> WHS
Course Description: This course examines the major turning points in the shaping of the Modern World from the late 18th century to the present. Topics include: the Enlightenment, the Industrial Revolution, Imperialism, WWI, WWII, the Holocaust and the post WWII world. The study of current world issues, their origins, and the growing interdependence of people and cultures throughout the world are a primary focus. All students will take a final each semester in World History.		

WORLD HISTORY AP		
Course Code: SA191Y	Grade: 10	<input type="checkbox"/> PHS <input checked="" type="checkbox"/> WHS
Course Description: This survey course of World History covers the dawn of time to the present era. Fundamental themes of “technology and environment” and “diversity and dominance” are presented. Students enrolled in this course are encouraged to take the AP examination in the spring.		

WORLD HISTORY M	
Course Code: SQ710Y	Location of program based on Regional Program location
Program	Special Day Class ASD
Course Description: This course will enable students to access the general education standards for World History, examining the development of the Modern World from the late 18th century to the present, using adapted or modified materials, assignments and/or expectations as needed to meet the learning needs of the students enrolled. This course will complete the World History requirement for graduation.	

[Return to table of contents](#)



HISTORY 4B - WESTERN CIVILIZATION II

Course Code: SA120Y	Grade Level: 10-12	Credits: 10.00
<input type="checkbox"/> PHS <input type="checkbox"/> WHS	College Credit Opportunity Dual Enrollment Course	UC/CSU: a

Course Description: Historical study of the major elements of the western experience for the Eighteenth century to the present. Includes major political and social developments that have revolutionized the modern mode of human existence.

20C US HISTORY M

Course Code: SQ720Y	Location of program based on Regional Program location
Program	Special Day Class ASD

Course Description: This course will enable students to access the general education standards for U.S. History, examining the development of the U.S. from the Reconstruction to the present time, using adapted or modified materials, assignments and/or expectations as needed to meet the learning needs of the students enrolled. This course will complete the U.S. History requirement for graduation.

RACE AND SOCIAL JUSTICE IN U.S. HISTORY

Course Code: SA212Y	Grade: 11-12	<input type="checkbox"/> PHS <input type="checkbox"/> WHS
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Meets Ethnic Studies Graduation Requirement

Course Description: The purpose of this course is to teach U.S. History from a different perspective – one that emphasizes the role of race and justice in American history. Students will leave with a more thorough understanding of our nation's history and a clearer view of current issues around race and ethnicity in our community. The entire class will be focused on evaluating attainment of ideals set forth in our founding documents for all Americans. This course meets the California State Standards for Social Studies, and satisfies all high school graduation and college admission requirements.

UNITED STATES HISTORY AP

Course Code: SA291Y	Grade: 11-12	<input type="checkbox"/> PHS <input type="checkbox"/> WHS
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Prerequisite: Juniors intending to enroll in AP U.S History must have earned an "A" or "B" in sophomore-level History and English in order to take this class.

Course Description: This course covers the history of America from the Colonial Era to the present. Ambitious and capable high school students who avail themselves of this opportunity will accomplish college level work prior to their admission to an institution of higher learning. Students will sharpen higher order reasoning and expository reading and writing skills in order to prepare for success in higher education. Students enrolled in AP U.S. History are encouraged to take the AP examination.

AMERICAN GOVERNMENT

Course Code: SA410T	Grade: 12	<input type="checkbox"/> PHS <input type="checkbox"/> WHS Semester (5 credits)
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Course Description: This course is designed to give an accurate and comprehensive account of both the structure and philosophy of each level of government: local, state, and national. Students will study the U.S. Constitution, significant Supreme Court cases, and other significant national and state trends. Through writing, presentations, discussions and other assessments, students will be prepared to be active citizens. All students will take a final in American Government.

[Return to table of contents](#)



AMERICAN GOVERNMENT M	
Course Code: SQ730T	Location of program based on Regional Program location
Program	Special Day Class ASD
Course Description: This course will enable students to access the general education standards for American Government, examining the structure and philosophy of each level of government using adapted or modified materials, assignments and/or expectations as needed to meet the learning needs of the students enrolled. This course will complete the American Government requirement for graduation.	

AMERICAN GOVERNMENT & POLITICS AP		
Course Code: SA490Y	Grade: 12	■ PHS ■ WHS
Prerequisite: Seniors intending to enroll in US Government & Politics AP must have earned an "A" or "B" in 11th grade history or have the consent of the instructor in order to take this class.		
Course Description: This year-long course prepares students for the Advanced Placement Exam in government. Only college level materials are used for credits earned by studying the national government and the courts, civil rights and civil liberties, state and local governments and the foundations of the American system. Students enrolled in this course are encouraged to take the US Government & Politics AP test.		

ECONOMICS		
Course Code: SA310T	Grade: 12	■ PHS ■ WHS Semester (5 credits)
Course Description: This course is designed to focus on the growth, development and progress of the American economy. The major emphasis of the course will center on the process by which economic forces operate in our economy. The major essentials of economic principles are studied in a context of the facts of current economic life. All students will take a final in Economics.		

ECONOMICS M	
Course Code: SQ740T	Location of program based on Regional Program location
Program	Special Day Class ASD
Course Description: This course will enable students to access the general education standards for Economics, examining the growth, development and progress of the American economy using adapted or modified materials, assignments and/or expectations as needed to meet the learning needs of the students enrolled. This course will complete the Economics requirement for graduation.	

[Return to table of contents](#)



Special Education Courses

This program is designed to identify and meet the needs of students who show a significant discrepancy between ability and achievement, i.e. learning disabled and/or other identified conditions such as physically handicapped, deaf, visual impairment, orthopedic impairment, speech or language impairment and/or other health impairments. Special emphasis is placed on accommodating or modifying students' programs so that they can function in the least restrictive environment. These courses are open to students who have exceptional learning needs and have an active Individualized Educational Plan (IEP), and must be consistent with the district offer of a Free and Appropriate Public Education (FAPE).

Special Day Class - Autism Spectrum Disorder (ASD)

This program is designed to maximize a successful high school experience for students with learning differences. The SDC-ASD class is a Diploma Bound Program and is a comprehensive special education program that allows students to work towards achieving a high school diploma. We offer core curriculum courses (Math, English, Science and Social Sciences) in a small classroom environment taught by Specialized Academic Instructors. These courses are provided to help students meet the required state standards. By participating in this program, it allows a pathway for a student to attend a community college or trade school after graduation. Enrollment in this program is determined by an Individualized Education Plan (IEP) team, and must be consistent with the district offer of a Free and Appropriate Public Education (FAPE). Although this program is designed with Evidence Based Practices, an eligibility area of Austim is not required.

See the subject area for specific course descriptions.

Special Day Class - Severely Handicapped (SH)

This program is designed to maximize a successful high school experience for students with severe developmental delays and learning differences. The SDC-SH class is a Certificate of Completion Program course of study. In the SDC-SH class, the core subjects of Math, English, Reading, and Science are taught with an emphasis on functional living skills. All students are encouraged to mainstream into any subject area their individual skill level allows. Enrollment in this program is determined by an Individualized Education Plan (IEP) team, and must be consistent with the district offer of a Free and Appropriate Public Education (FAPE). The SDC-SH program is specifically designed to support students who meet the IDEA eligibility area of Intellectual Disability (ID).

See the subject area for specific course descriptions.

SPECIAL EDUCATION ELECTIVE COURSE OPTIONS

DIRECTED STUDIES 9		
Course Code: SQ911Y	Grade: 9	<input type="checkbox"/> PHS <input type="checkbox"/> WHS
Course Description: This course is designed for students who receive targeted educational support, as identified through the students' Individual Education Plan (IEP). Directed Studies 9 is a class designed to support students, in conjunction with the Parental support, in developing their skills in executive functioning (the skills that help you manage time, pay attention, switch focus, plan and organize, remember details, multitask), strengthen academic skills knowledge through skill development, understand their learning style and the strategies, tools and resources available to help them manage it, and plan for the future by developing goals for life after high school and plans to help them reach those goals. Students in this class can also receive assistance on assignments and tests, have time to study, and work on projects for their other classes, but the primary focus and function of Directed Studies is to help them be more successful throughout their academic day.		

[Return to table of contents](#)



DIRECTED STUDIES 10

Course Code: SQ912Y

Grade: 10

☐ PHS ☐ WHS

Course Description: This course is designed for students who receive targeted educational support, as identified through the students' Individual Education Plan (IEP). Directed Studies 10 is a class designed to support students, in conjunction with the Parental support, in developing their skills in executive functioning (the skills that help you manage time, pay attention, switch focus, plan and organize, remember details, multitask), strengthen academic skills knowledge through skill development, understand their learning style and the strategies, tools and resources available to help them manage it, and plan for the future by developing goals for life after high school and plans to help them reach those goals. Students in this class can also receive assistance on assignments and tests, have time to study, and work on projects for their other classes, but the primary focus and function of Directed Studies is to help them be more successful throughout their academic day.

DIRECTED STUDIES 11

Course Code: SQ913Y

Grade: 11

☐ PHS ☐ WHS

Course Description: This course is designed for students who receive targeted educational support, as identified through the students' Individual Education Plan (IEP). Directed Studies 11 is a class designed to support students, in conjunction with the Parental support, in developing their skills in executive functioning (the skills that help you manage time, pay attention, switch focus, plan and organize, remember details, multitask), strengthen academic skills knowledge through skill development, understand their learning style and the strategies, tools and resources available to help them manage it, and plan for the future by developing goals for life after high school and plans to help them reach those goals. Students in this class can also receive assistance on assignments and tests, have time to study, and work on projects for their other classes, but the primary focus and function of Directed Studies is to help them be more successful throughout their academic day.

DIRECTED STUDIES 12

Course Code: SQ914Y

Grade: 12

☐ PHS ☐ WHS

Course Description: This course is designed for students who receive targeted educational support, as identified through the students' Individual Education Plan (IEP). Directed Studies 12 is a class designed to support students, in conjunction with the Parental support, in developing their skills in executive functioning (the skills that help you manage time, pay attention, switch focus, plan and organize, remember details, multitask), strengthen academic skills knowledge through skill development, understand their learning style and the strategies, tools and resources available to help them manage it, and plan for the future by developing goals for life after high school and plans to help them reach those goals. Students in this class can also receive assistance on assignments and tests, have time to study, and work on projects for their other classes, but the primary focus and function of Directed Studies is to help them be more successful throughout their academic day.

TRANSITION

Course Code: SQ420Y

Location of program based on Regional Program location

Program

Special Day Class ASD

Course Description: Transition focuses on the development of job skills necessary to encourage students and gives them the opportunity to obtain and maintain employment following completion of high school. Students will learn concepts associated with work ethics, employer expectations and communication. Students may create a portfolio containing personal data and history, resume, sample job application and other related information and they will explore community resources such as the Department of Rehabilitation, Department of Motor Vehicles, Employment Development Department, Yolo Bus and possible recreation services.

[Return to table of contents](#)



Visual Arts

In the Visual Arts Department students will be involved in an art program of the highest caliber that fosters proficiency or above in meeting the California State Content Standards for Visual Art. Students will participate in an inquiry based and disciplined approach in making and understanding art through increasingly complex problems in materials, methods, art theories, art history, critical thinking, creativity and self-expression. Students will participate in art courses that meet the "I" requirement for California State and University admissions. In visual arts classes, due to the nature of the subject, students will not be restricted to "right/wrong" oriented answers to problems but will be encouraged to present many divergent but correct responses. In visual art, students are encouraged to make decisions and discover for themselves the results, as they will do in life after graduation.

Visual Arts Course Descriptions

Key: ☒ offered ☐ not offered

Sites: PHS-Pioneer High WHS-Woodland High

ART 1

Course Code: SF320Y

Grade: 9-12

☒ PHS ☒ WHS

Prerequisite: Students should have passed Color and Design with a "C" or better.

Course Description: Art 1 is a second year art class where students will refine skills and concepts taught in the prerequisite and develop competencies in more complex and meaningful works in drawing, and painting. Students will experience opportunities to gain skills and knowledge in the following: art production, analysis, interpretation, evaluation and historical and cultural perspectives. Students will combine art theories, practice and critical thinking skills. Students are encouraged to show their work publicly. This challenging curriculum will prepare students to take AP and/or more advanced levels of art.

ART 2

Course Code: SF321Y

Grade: 10-12

☒ PHS ☒ WHS

Prerequisite: Students should have passed Art 1 with a grade of "C", or approval of the instructor.

Course Description: Art 2 is a third year art class where students will use professional materials, such as acrylic painting, to express personal, social, historical and technical perspectives producing increasingly more complex and meaningful works in drawing, and painting. Students will solve artistic problems in creative and individual ways. Student artwork will be of a quality appropriate of AP portfolios and public displays. Many students may take this class concurrently with an AP class in order to create sufficient quality work or they may choose to take Art 2 as a stand-alone class. This course will help students explore art as a fulfilling personal form of expression and a possible career.

ART 3

Course Code: SF322Y

Grade: 11-12

☐ PHS ☒ WHS

Prerequisite: Students should have passed Art 2 with a grade of "C" or approval of the instructor.

Course Description: Art 3 is a fourth year art class designed for individual specialization in subject matter, media selection, and historic contributions to the creative process. Many art problems are based on AP portfolio requirements (see College Boards). Students may choose to take this class as a stand-alone advanced level class or concurrently with an AP class. Students will work one to one with the instructor, focusing on quality, creativity and production using materials like oil painting, etching, or computer graphics. Students will show their work publicly. Art 3 will prepare high performing art students for AP, college, and a lifelong enjoyment of making art.

[Return to table of contents](#)



ART & ANIMATION

Course Code: SF355Y

Grade: 10-12

☒ PHS ☐ WHS

Prerequisite: *Passage of Color and Design with a "B" or higher.*

Course Description: Art and Animation is a course in which students express their visual creativity through drawing, storytelling and other visual mediums. Throughout the course, students will explore the international history and evolution of animation. Students will demonstrate creative expression as they learn basic drawing skills, techniques for original character design, the natural flow and movement of objects. Background development will include an in depth study of perspective drawing and layout.

ART & CULTURE

Course Code: SF371Y

Grade: 9-12

☒ PHS ☒ WHS

Course Description: The purpose of this course is for students to develop an appreciation for other cultures and to explore their individual roles in their culture through expressive projects. Students will understand the significant role of art in culture. Students will learn about the use of art in general as tools that comment on the society or culture of the time. Students will discuss different uses for art and study four particular cultures and the ways that they use art. Students will also conduct individual research using the Internet to research more in depth about these cultures.

ART HISTORY AP

Course Code: SF393Y

Grade: 10-12

☒ PHS ☐ WHS

Prerequisite: *C or better in English 9 or English 10 or C or better in World History or AP European History.*

Course Description: AP Art History is designed to provide the same benefits to secondary school students as those provided by an introductory college course in art history. In the course, students examine major forms of artistic expression from the ancient world to the present and from a variety of cultures. They learn to look and analyze works of art within their historical context, and to articulate what they see or experience in a meaningful way. The AP curriculum in Art History are to develop in students: 1. the ability to apply fundamental art and art historical terminology. 2. An appreciation for the process of making and displaying art. 3. An understanding of purpose and function of art. 4. The ability to analyze works of art in context of historical evidence and interpretation, examining such issues as politics, religion, patronage, gender, and ethnicity. 5. An understanding of cross-cultural and global nature of art. 6. The ability to perform high order thinking skills and articulate visual and art historical concepts in verbal and written forms.

CERAMICS 1

Course Code: SF350Y

Grade: 10-12

☒ PHS ☒ WHS

Prerequisite: *Students should have passed Color and Design with a "C" or better.*

Course Description: This is the entry-level ceramics course for Pioneer High School. The primary focus is on hand-built and wheel thrown ceramic techniques. In this course students will learn the coil, slab, pinch pot, additive and subtractive methods of construction in order to accomplish the various clay assignments. The second semester emphasis is on sculpture and mosaic techniques.

CERAMICS 2

Course Code: SF358Y

Grade: 10-12

☒ PHS ☐ WHS

Prerequisite: *Passage of Ceramics 1 SF350Y with a "C" or better*

Course Description: Ceramics 2 is a second year art class where students will refine skills and concepts taught in the prerequisite course and develop competencies in more complex and meaningful works in the ceramic arts. Students will increase skills and knowledge in hand building, wheel throwing, glazing while developing their personal style. Students will combine art theories, practice and critical thinking skills. Materials are provided. This challenging curriculum will prepare students to take AP and/or more advanced levels of art. Prerequisite: C or better in Ceramics 1

[Return to table of contents](#)



COLOR AND DESIGN		
Course Code: SF310Y	Grade: 9-12	■ PHS ■ WHS
Course Description: Color and Design is a beginning art class in which students will gain an understanding of: vocabulary of art, color theory, right brain perception, perspective, drawing, painting and art history. This class provides students with a wide range of opportunities to experiment with materials such as pencil, oil pastel, watercolor, charcoal, prisma, clay etc. This class is the prerequisite for all other art classes offered and provides a sound foundation in the design principles and elements of art.		

3D DESIGN & GRAPHICS 1		
Course Code: SF330Y	Grade: 10-12	■ PHS ■ WHS
Prerequisite: Students should have passed Color and Design with a "C" or better. Course Description: This is a second year course focusing on the fundamentals of 3-Dimensional Design and Graphic Design. Students will work with a variety of materials such as clay, wood, metal, and plastics. Students will create projects using the basic techniques of sculpture, ceramics and printmaking. Projects are sequenced according to difficulty and require more skill as the course progresses. Students will master the skills necessary to complete projects successfully and gain a sound understanding of 3-D and graphic design principles.		

EXPLORING ALTERNATIVE ART		
Course Code: SF351Y	Grade: 10-12	■ PHS ■ WHS
Prerequisite: Color and Design Course Description: In Exploring Alternative Art, students will have the opportunity to express themselves through drawing, painting, collage, scrapbooking and printing in a personal book format. Through the use of the principles of design, students will develop ideas and create pages in a collection of art and writings. Students will learn a variety of techniques, which become unique to their specific book as expressed in the execution of the technique. Students will also have the opportunity to learn about different type fonts, which can enhance the pages and create additional variety in their book.		

FINE ARTS DIGITAL PHOTOGRAPHY		
Course Code: SF354Y	Grade: 10-12	■ PHS ■ WHS
Course Description: Fine Art Digital Photography is designed for students who are interested in fine art photography with digital tools. The emphasis is on approaching the world of photography as a means of artistic perception rather than "photojournalism" or "taking snapshots". Digital photography is designed for students who are interested in fine art photography with digital tools. General computer experience is a prerequisite, but no prior knowledge of the particular software programs used in the class is required. The California State Standards for the Visual Arts serves as the foundation of the assignments in this course.		

FINE ARTS DIGITAL PHOTOGRAPHY 2		
Course Code: SF359Y	Grade: 11-12	■ PHS ■ WHS
Prerequisite: Passage of Fine Art Digital Photography SF354Y with a "C" or better Course Description: FA Digital Photography Two is a second year art class where students will refine skills and concepts taught in the prerequisite course and develop competencies in more complex and meaningful works in the photographic arts. Students will experience opportunities to gain skills and knowledge in the following: digital photograph composition and editing, analysis, interpretation, evaluation and historical and cultural perspectives. Students will combine art theories, practice and critical thinking skills. Materials are provided. This challenging curriculum will prepare students to take AP and/or more advanced levels of art. Prerequisite: C or better in Fine Arts Digital Photography		

[Return to table of contents](#)



FUNCTIONAL FINE ARTS	
Course Code: SQ520Y	Location of program based on Regional Program location
Program	Special Day Class Severely Handicapped (SH)
Course Description: This class focuses on fundamental, functional life skills instruction. Included within this course are skills related to self-help, social skills, hygiene, and independent living and leisure activities to support a well rounded, active lifestyle. The Leisure instruction component is constituted by an emphasis upon creative expression and art appreciation also promoting fine motor skills and coordination.	

JEWELRY ART DESIGN 1		
Course Code: SF353Y	Grade: 10-12	<input checked="" type="checkbox"/> PHS <input type="checkbox"/> WHS
Prerequisite: <i>Color and Design</i> Course Description: This course will introduce students to a variety of jewelry making skills with an emphasis on studio production. Students will explore a variety of mediums and techniques. This course is designed to develop higher-level thinking, art-related technology skills, art criticism, art history and aesthetics. Students will learn the necessary skills to promote their personal artwork in the global market.		

MURAL DESIGN		
Course Code: SF372Y	Grade: 10-12	<input checked="" type="checkbox"/> PHS <input checked="" type="checkbox"/> WHS
Prerequisite: <i>Students must have a satisfactorily passed Color and Design or Art and Culture</i> Course Description: Mural Design is a course that expands student creativity, collaboration and leadership skills, and social application of art in profound ways. Each semester is divided up into intensive investigations and applications of the mural creating process, which includes building fine art skills, finding individual and collective artistic voice, creating and defending work at a public exhibition, and collaborating in groups to execute one end of the year interior or exterior mural on campus. Students will study techniques in drawing and painting, beginning the year with human portraiture, then transition into small group paintings on canvas that will be housed in a public venue for exhibition, and finally work together in larger groups to create a design for a mural that will be painted within the school or surrounding community. Each production of art includes an elaborate artist statement written by each student to explain the meaning of the work, make connections to other influences and artistic movements, and help express personal beliefs and ideas on greater social issues.		

STUDIO ART: 2D DESIGN AP		
Course Code: SF391Y	Grade: 11-12	<input type="checkbox"/> PHS <input checked="" type="checkbox"/> WHS
Prerequisite: <i>Students must have a strong art background and have the approval of the AP instructor. Suggested as a 12th grade class.</i> Course Description: The Advanced Placement course in Studio Art: 2D is intended for highly motivated students who are seriously interested in the study of Graphic Design. Students will build a portfolio reflecting three major concerns: 1) the evidence of quality in a student's work; 2) the student's concentration on a particular visual interest; and 3) the student's demonstration of breadth of experience in formal, technical, and expressive means. Students enrolled in Studio Art: 2D Design AP are encouraged to take the AP Examination. Part of the AP exam is for students to submit their 2D Portfolio for evaluation by the College Board.		

[Return to table of contents](#)



STUDIO ART: 3D DESIGN AP

Course Code: SF392Y

Grade: 11-12

■ PHS ■ WHS

Prerequisite: Students must have a strong art background and have the approval of the AP instructor.

Course Description: The Advanced Placement course in Studio Art: 3D is intended for highly motivated students who are seriously interested in the study of sculpture. Students will build a portfolio reflecting three major concentrations: 1) the evidence of quality in a student's work; 2) the student's concentration on a particular visual interest; and 3) the student's demonstration of breadth of experience in formal, technical, and expressive means. Students enrolled in Studio Art: 3D Design AP are encouraged to take the AP Examination. Part of the AP exam is for students to submit their 3D Portfolio for evaluation by the College Board.

STUDIO ART: DRAWING AP

Course Code: SF390Y

Grade: 10-12

■ PHS ■ WHS

Prerequisite: Students must have a strong art background and have the approval of the AP instructor. Suggested as an 11th grade class.

Course Description: The Advanced Placement course in Studio Art: Drawing is intended for highly motivated students who are seriously interested in the study of art. Students will build a portfolio reflecting three major concerns: 1) the evidence of quality in a student's work; 2) the student's concentration on a particular visual interest; and 3) the student's demonstration of breadth of experience in formal, technical, and expressive means. Students enrolled in Studio Art: Drawing AP are encouraged to take the AP Examination. Part of the AP exam is for students to submit their Drawing Portfolio for evaluation by the College Board.

VISUAL ARTS INDEPENDENT STUDY

Course Code: SF340T

Grade: 10-12

■ PHS ■ WHS

Prerequisite: Students must have approval from the teacher and department chairperson.

Course Description: This class is available under special circumstances for individual projects and independent work in art, design, photography, video, and film.

[Return to table of contents](#)



World Languages

The World Languages Department focuses on developing the highest levels of foreign language proficiency for the students so that they gain both the power and the pleasure of communicating effectively in languages other than English. Acquiring a second language sharpens students' intellectual skills, increases their marketability and earning power, and broadens their cultural understanding. The students will also learn skills that help them to succeed academically in other subjects. They will become aware of the interconnectedness of all people and be motivated to learn more about history, geography, art, and music of the people whose language they are learning.

All courses are focused around the five components of the National Standards for Foreign Language Education (Communication, Cultures, Connections, Comparisons, and Communities). World Language classes will enable students to further develop as literate and effective communicators. California's importance in the global economy continues to grow, and so does the importance of the state's students becoming proficient in at least one language other than English. Every student deserves to be able to take advantage of the opportunities offered by the department.

World Languages Course Descriptions

Key: ☒ offered ☐ not offered

Sites: PHS-Pioneer High WHS-Woodland High

FRENCH 1

Course Code: SE210Y

Grade: 9-12

☒ PHS ☐ WHS

Course Description:

This introductory French class will cover the basics of everyday language. Students will engage in reading, writing, listening and speaking activities. They will develop basic reading and writing skills on an assortment of vocabulary, including: school, family, food, clothing, and much more. Students will create conversations and dialogues appropriate to level 1. Students successfully completing French 1 will be able to understand basic conversation in French and have the foundation to continue to French 2.

FRENCH 2

Course Code: SE220Y

Grade: 10-12

☒ PHS ☐ WHS

Prerequisite: Grade of "C" or better in French 1.

Course Description: French 2 is a continuing language course in which students will build on basic core vocabulary and grammatical structures. The students will build on basic core vocabulary and grammatical structures. The students will improve communication and reading skills learned in French 1. The students will also become more advanced in the use of the target language. Students will create skits and oral presentations along with using more difficult grammatical structures. Students successfully completing this course will have the foundation for French 3.

FRENCH 3

Course Code: SE230Y

Grade: 11-12

☒ PHS ☐ WHS

Prerequisite: Grade of "C" or better in French 2.

Course Description: This continuing French class builds on French 2. The students will engage in reading, writing, listening, and speaking activities using more specialized vocabulary. The students will also write dialogues and essays appropriate to level 3. This course will encourage students to broaden their understanding of the language and the culture, the necessary foundations for French Language AP.

[Return to table of contents](#)



FRENCH LANGUAGE AP		
Course Code: SE290Y	Grade: 12	<input type="checkbox"/> PHS <input type="checkbox"/> WHS
<p>Prerequisite: Grade of “C” or better in French 3.</p> <p>Course Description: AP French Language is an advanced language course in which students will develop language fluency through the use and study of materials intended for native speakers. Students will speak French in various contexts using ample complex vocabulary. Students will write with reasonable fluency and accuracy in paragraph and essay formats. Students enrolled in this course are encouraged to take the AP examination in the spring.</p>		

SPANISH 1		
Course Code: SE110Y	Grade: 9-10	<input type="checkbox"/> PHS <input type="checkbox"/> WHS
<p>Course Description: This introductory Spanish class will cover the basics of everyday language. Students will engage in reading, writing, listening and speaking activities. They will develop basic reading and writing skills on an assortment of vocabulary, including: school, family, food, clothing, greetings, days of the week, months of the year, time, weather, location, direction, and colors. Students will create conversations and dialogues appropriate to level 1. Students successfully completing Spanish 1 will be able to understand basic conversation in Spanish and have the foundation to continue to Spanish 2.</p>		

SPANISH 2		
Course Code: SE120Y	Grade: 10-12	<input type="checkbox"/> PHS <input type="checkbox"/> WHS
<p>Prerequisite: Grade of “C” or better in Spanish 1.</p> <p>Course Description: Spanish 2 is a continuing language course in which students will build on basic core vocabulary and grammatical structures, improve communication, and reading skills learned in Spanish 1. Students will become more sophisticated in the use of the target language. Students will write short paragraphs using a variety of tenses. Students will create skits and oral presentations. The students will also use more difficult grammar structures. The goal is to gain student’s interest in the culture of the target language and provide practical communication skills while preparing them for Spanish 3.</p>		

SPANISH 3		
Course Code: SE131Y	Grade: 11-12	<input type="checkbox"/> PHS <input type="checkbox"/> WHS
<p>Prerequisite: Students should have attained a grade of “C” or better in both semesters of Spanish 2.</p> <p>Course Description: This course is designed to enhance students’ oral and written performance in Spanish. The course is taught in Spanish for maximum exposure to the target language while the textbook contains explanations in English. The students will move from the comfort of previously learned and practiced material to the more challenging stage where they become independent readers, writers, listeners, and speakers of Spanish, adapting and expanding language skills to fit their personal and academic needs.</p>		

SPANISH 4		
Course Code: SE141Y	Grade: 12	<input type="checkbox"/> PHS <input type="checkbox"/> WHS
<p>Prerequisite: Students should have successfully completed Spanish 3 with a “C” or better.</p> <p>Course Description: Spanish 4 further develops the academic skills of non-native and native speakers of Spanish. The course offers an effective review of all lower level grammatical points and also introduces advanced grammar, vocabulary, and idiomatic expressions. The students will participate in oral discussions and produce written assignments about real and contemporary issues that provide the foundation for advanced language development. The students will study music, art, short stories and poetry that will provide cultural insight and awareness. The course prepares students for Spanish Language AP.</p>		

[Return to table of contents](#)



SPANISH FOR SPANISH SPEAKERS 1

Course Code: SE111Y

Grade: 9-10

☐ PHS ☐ WHS

Prerequisite: *Students need to speak and comprehend Spanish in order to enroll.*

Course Description: This course is designed to introduce the Spanish speaking student to basic grammar, vocabulary, and practice in reading and writing. Students will read pieces on legends, customs, and traditions of Spain and Latin America. Students will explore career opportunities for bilingual people. Students must speak, read, and write Spanish with some fluency. Students successfully completing this course will be prepared for Spanish for Spanish Speakers 2, which will lead them to AP Spanish Language or Literature.

SPANISH FOR SPANISH SPEAKERS 2

Course Code: SE121Y

Grade: 10-12

☐ PHS ☐ WHS

Prerequisite: *Students must have successfully completed Spanish for Spanish Speakers 1.*

Course Description: The emphasis of this course is to continue developing the academic reading and writing skills of native speakers of Spanish from the level 1 course for native speakers. The students must speak, read and write Spanish fluently. The students will study grammar in detail. The students will also read and study the history and culture of different Latin American countries and authors. The students will write essays and complete research projects along with oral presentations. This course will prepare and encourage the students to take AP Spanish Language and AP Spanish Literature.

SPANISH LANGUAGE AP

Course Code: SE190Y

Grade: 11-12

☐ PHS ☐ WHS

Prerequisite: *Students must have successfully completed Spanish for Spanish Speakers 2 or Spanish 3 with a grade of "B" or better, or teacher recommendation.*

Course Description: AP Spanish Language is designed to expose students to college level language skills and prepare them for the AP exam in the spring. The course is designed to provide the students with the content of a University level Spanish course at the High School level. The students will focus on the mastery of listening, speaking, reading, and writing skills in Spanish as well as analyzing literary works in order to develop higher-level critical thinking skills. The students will refine their ability to write organized essays and conduct fluent conversations.

SPANISH LITERATURE AP

Course Code: SE191Y

Grade: 12

☐ PHS ☐ WHS

Prerequisite: *Students must have successfully completed Spanish for Spanish Speakers 2 or Spanish 3 with a grade of "B" or better, or teacher recommendation.*

Course Description: AP Spanish Literature is designed to expose students to college level literature skills and prepare them for the AP exam in the spring. Students will read authentic editions of short stories, novels, poems, and plays from the medieval age to the contemporary era both as a class and independently. This course will enable students to learn and practice the skills and language of literary analysis through extensive timed writing, class discussions, and presentations. The students will also study vocabulary in the context of literature. This course will help students to understand the nature of Latin America and Spanish literature in an artistic, universal, and in its historical sense.

[Return to table of contents](#)



Non-Departmental Courses

These are a variety of courses that do not fall under a specific department but offer various learning opportunities based on a student's individual interests and needs.

Non-Departmental Course Descriptions

Key: ☒ offered ☐ not offered Sites: PHS-Pioneer High WHS-Woodland High

COUNSELING 10

Course Code: ST130T	Grade: 9-12	<input checked="" type="checkbox"/> PHS <input checked="" type="checkbox"/> WHS
Credits: 10	College Credit Opportunity Dual Enrollment Course	UC/CSU: e
<p>Prerequisite: None</p> <p>Course Description: Study skills and knowledge necessary for college success including time management, memory techniques, note taking, reading skills, test taking skills, critical thinking, writing, learning styles, diversity, communication skills, career planning, assessment, use of technology and other resources.</p>		

STUDENT GOVERNMENT

Course Code: ST130T	Grade: 9-12	<input checked="" type="checkbox"/> PHS <input checked="" type="checkbox"/> WHS
<p>Prerequisite: Students must have teacher signature to Enroll in this course, maintain a 2.0 or better GPA, and be in good standing (i.e. no suspensions or disciplinary actions on transcript).</p> <p>Note: All officers must be enrolled in A.S.B. for the year.</p> <p>Course Description: Student Government is the mind, heart, and hands of all school activities. A.S.B. participates in the management of the school's common affairs, fosters a spirit of cooperation among students, faculty and staff, maintains high standards of personal conduct, promotes and encourages activities for the best interest of the school, and develops good citizenship through experiences in government.</p>		

YEARBOOK

Course Code: SB230Y	Grade: 10-12	<input checked="" type="checkbox"/> PHS <input checked="" type="checkbox"/> WHS
<p>Prerequisite: 1-Teacher permission. First consideration will be given to students who have a proven writing ability, earned "A" or "B" in English. 2-A willingness to put in after school time to produce the best publications possible.</p> <p>Course Description: The purpose of this journalism course is to produce a modern, high quality yearbook. Students will study concepts of yearbook design and layout, reporting and writing, and page preparation. All students will design pages, write stories, captions, and headlines, and participate in selling advertising in order to finance the yearbook publication. Responsibility and personal commitment are important to succeed in this class.</p>		

LINK CREW

Course Code: ST131Y	Grade: 11-12	<input checked="" type="checkbox"/> PHS <input checked="" type="checkbox"/> WHS
<p>Prerequisite: Must have an 11th or 12th grade standing, 2.5 GPA, good attendance and recommendation from school administration.</p> <p>Course Description: Link Crew is a freshman orientation program led by juniors and seniors who serve as mentors for the freshmen for the entire school year. The goal of the program is to ensure our incoming freshmen have a smooth, seamless, and successful transition from middle school to high school. Link Crew leaders continue to provide social and academic support throughout the year through various activities.</p>		



PEER TUTOR		
Course Code: ST120T	Grade: 10-12	<input type="checkbox"/> PHS <input type="checkbox"/> WHS Semester (5 credits)
<p>Prerequisite: <i>Good attendance history.</i></p> <p>Course Description: The first five days (and a few Fridays) are used as training and feedback days. The majority of the semester is used tutoring other students with assigned classroom teachers. Students may choose to take this class as a Pass/Fail rather than as a graded course. Grades of A, B, C, D, and F are determined by assessing a daily assignment log, classroom teacher appraisal and attendance. A Peer Tutor's grade is based on three things: Daily attendance, 2) Classroom teacher evaluation, and 3) a semester project. Pass/Fail students must complete all training and assignments.</p>		

TEACHER'S TEACHING ASSISTANT (TA)		
Course Code: ST110T	Grade: 10-12	<input type="checkbox"/> PHS <input type="checkbox"/> WHS Semester (5 credits)
<p>Prerequisite: <i>Instructor's approval and a 2.5 GPA is required.</i></p> <p>Course Description: Students may assist the teacher with class and office work. Must be an 11th or 12th grade student. Grade is pass/fail.</p>		

CREDIT RECOVERY		
Course Code: SU130T	Grade: 10-12	<input type="checkbox"/> PHS <input type="checkbox"/> WHS Semester (0 credits)
<p>Prerequisite: <i>Counselor approval.</i></p> <p>Course Description: Students enrolled in this course will recover credits for courses previously failed by re-taking the course/s through Edgenuity. The credits earned for this class will be those earned for each class successfully completed in Edgenuity. Credit Recovery itself is not credit-bearing.</p>		



[Return to table of contents](#)

