Poway High School
Course Catalog 2018-2019

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AGRICULTURE

AGRICULTURAL SCIENCE 1-2	Meets the UC/CSU "G" requirement
Grade Level:	**9-12**
Prerequisite:	**None**
PHS:	**Elective**

Agriculture Science 1-2 is designed as an entry level course for basic animal science, including health nutrition, and management. Course also covers an introduction to basic plant science including the growing and propagation of plants. Leadership development, FFA, and record keeping will be covered so the student has many opportunities to succeed at any level.

AGRICULTURAL ECONOMICS	Meets the UC/CSU "G" requirement
Grade Level:	**12**
Prerequisite:	**None**
PHS:	**Elective**

Students will be provided the knowledge and technical skills to assess the role of agriculture in the United State and global economies and will apply basic economic principals as they relate to individual consumers, production agriculture, and agri-business management. In addition, this course will allow students to deepen their understanding of the economic problems and institutions of the nation and world in which they live. This course will be offered pending PUSD Board approval. Students who successfully complete the course will earn economics credit.

AGRICULTURAL GOVERNMENT POLICY	Meets the UC/CSU "A" requirement
Grade Level:	**12**
Prerequisite:	**None**
PHS:	**Elective**

This class is designed to allow students to study the origins of our federal, state and local governments and study their structure, function, theory and process while understanding the influence of the government on the agriculture industry. Students who successfully complete the course will earn civics credit.

BIOLOGY AND SUSTAINABLE AGRICULTURE	Meets the UC/CSU "D" requirement
Grade Level:	**9-12**
Prerequisite:	**Recommended completion of Agricultural Science 1-2**
PHS:	**Life Science**

This one year course, organized into four major units integrates biological science practices and knowledge into the practice of sustainable agriculture. Within each unit of study, specific life science principles integrate with agricultural principles, as students gain

knowledge of how the two disciplines inform each other, culminating in the development of a sustainable farm model and portfolio of supporting student research. This course will replace the Agricultural Biology course (000705-000706) and will meet the PUSD Life Science requirement for high school graduation.

CHEMISTRY AND AGRISCIENCE	Meets the UC/CSU "D" requirement
Grade Level:	**10-12**
Prerequisite:	**Concurrent enrollment in another Agricultural pathway course or prior completion of any Agricultural course. Concurrent or prior completion of Integrated Math II**
PHS:	**Physical Science**

This course explores the physical and chemical nature of soil as well as the relationships between soil, plants, animals and agricultural practices. Students will examine properties of soil and land and their connections to plant and animal production. Using knowledge of scientific protocols as well as course content, students will develop an Agriscience research program to be conducted throughout the first semester of the course. Additionally, students will develop and present a capstone soil management plan for agricultural producers, using the content learned throughout the course. This course will be offered pending PUSD Board approval. Upon Board approval this course will be submitted to UC for "d" credit. Students who successfully complete the course will earn PUSD Physical Science credit.

VETERINARY SCIENCE 1-2	Meets the UC/CSU "G" requirement
Grade Level:	**9-12**
Prerequisite:	**Completion of Sustainable Agriculture and Biology or Biology 1-2**
PHS:	**Elective**

This course is designed to provide students with entry-level skills in animal health occupations. Instruction includes small and large animal: management, disease and parasite control, nutrition, restraint, first aid, laboratory testing, anatomy and physiology and veterinary office procedures. Leadership activities, FFA and record keeping will be covered.

APPLIED ACADEMICS AND TECHNOLOGY

3D COMPUTER ANIMATION 1-2	Meets the UC/CSU "F" requirement
Grade Level:	**9-12**
Prerequisite:	**None**
PHS:	**Fine Art**

3D Computer Animation 1-2 focuses on the art of 3D computer animation. Students will learn the basics of the principles of animation, design, animation software (3D Studio Max or Softimage|XSI), modeling, storyboard development, script writing, character development, and application of these skills to be successful. Students will work in a production group to create a small-animated movie. It provides students with the opportunity to self-express and communicate their own ideas through the study of character design, backgrounds, props, digital painting, special effects, scene development, storyboard development and script writing/story writing, with the application to aesthetic theories. Students will work individually and in teams to create and plan an animated short story, through story design and implementation to a hand drawn storyboard, character development, and finally computer animation. They will analysis formally and aesthetically their group and individual work. Character development will concentrate on bringing life to the character using drawings and clay model studies created by the student. Students will experience working with different mediums to create storyboards and to design their own animated scenes and short stories.

3D COMPUTER ANIMATION 3-4	
Grade Level:	**10-12**
Prerequisite:	**3D Computer Animation 1-2**
PHS:	**Fine Art**

3D Computer Animation 3-4 is a studio class providing students with the opportunity to self-express and communicate their own ideas through the study of 3D Computer Animation focusing on design, backgrounds, props, digital painting, special effects, scene development, storyboard development and script/story writing, by creating a feature animation, a video game, scientific visualization, historical reconstruction, and so on. Students will choose an area of focus within the computer animation field and delve into that area. They will focus in greater depth on bringing life to their character and telling their story in a better format following video techniques and principles.

3D COMPUTER ANIMATION 5-6	
Grade Level:	**11-12**
Prerequisite:	**3D Computer Animation 3-4**
PHS:	**Fine Art**

3D Computer Animation 5-6 is a studio class as a continuation of 3D Computer Animation 3-4 with the addition for students to receive direction from a mentor in the field or in conjunction with an internship through a local business/industry partner. The course will provide students with a valuable insight to understanding the demands that are placed upon

them in the workforce. The course will continue to provide students with the opportunity to self-express and communicate their own ideas through the study of 3D Computer Animation focusing on design, backgrounds, props, digital painting, special effects, scene development, storyboard development and script/story writing, by creating a feature animation, a video game, scientific visualization, historical reconstruction, and so on. Students will continue to focus on their area of interest within the computer animation field and delve into that area with the help of their mentor or internship.

ARCHITECTURAL DESIGN 1-2	Meets the UC/CSU "F" requirement
Grade Level:	**9-12**
Prerequisite:	**None**
PHS:	**Fine Art**

Architectural Design 1-2 focuses on the art of architecture. Students will study the history of architecture and design a set of architectural plans (AutoCAD / Architectural Desktop / ArchiCAD) of their dream home. Students will also create a 3D model of their house. The course includes the study and application of the elements and principles of design, the study of the history of ancient architecture from Catal Huyuk to the Ancient Baroque and its relevant vocabulary and structural devices, and an introduction to basic sketching and technical drawing skills.

CIVIL ENGINEERING AND ARCHITECTURE (CEA) 1-2	Meets UC/CSU "G" requirement
Grade Level:	**10-12**
Prerequisite:	**None**
PHS:	**Fine Art**

Civil Engineering and Architecture is a specialization course in the sequence of Project Lead the Way Engineering courses. This course provides an overview of the fields of Civil Engineering and Architecture, while emphasizing the interrelationship and dependence of both fields upon each other. Students use state of the art software to solve real world problems and communicate solutions to hands-on projects and activities. This course covers topics such as: Project Planning, Site Planning, Building Design, Project Documentation and Presentation. Students learn important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architecture design software.

AUTO BODY REPAIR	
Grade Level:	**9-12**
Prerequisite:	**None**
PHS:	**Elective**

Auto Body Repair/Refinishing provides entry-level skills, upgrading of existing skills, and advanced skills training for people interested in the automotive field. Upon completion, students would be employable as an auto prepper, body mechanic, or auto painter. This course is designed to teach students the basic skills in auto body repairing and painting, including safety; use of tools and equipment; replacement components and trim; metal

straightening by hammering, grinding, and sanding; refinishing materials; masking and taping; paints; thinners, and reducers; spraying primers and finish coats; and detailing completed cars. Job-getting/jobkeeping skills are also taught. Students learn the course material through lecture/teacher demonstration (20%), individual/self-directed instruction (20%), and shop/lab experiences (60%). Some of the major equipment/tools/instruments used in class are the air file, air sander, welding machine frame straightener, and basic hand tools required for auto body repair.

AUTO ENGINEERING & DESIGN 1-2	
Grade Level:	**11-12**
Prerequisite:	**Auto Mechanics 1-2 or Teacher Recommendation**
PHS:	**Elective**

Automobile Engineering & Design 1-2 is a hands-on course developing futuristic automobile designs and mock-ups. Students will develop innovative automobile designs using industrial-standard hardware and software. They will construct a mock-up (functional prototype) of their designs and perform engineering testing on the model. This course will utilize the combined technologies of wood, automotive, and engineering. The final project is a miniature functional vehicle

AUTOMOTIVE TECHNOLOGY 1-2	
Grade Level:	**9-12**
Prerequisite:	**None**
PHS:	**Elective**

Automotive Technology 1-2 is an introductory automotive technology course for the transportation industry sector's Systems Diagnostics and Service career pathway. It focuses on three concentration areas of the National Automotive Technical Education Foundation (NATEF) standards. The course qualifies for NATEF accreditation, and students are encouraged to take the Auto Service Excellence (ASE) examination upon course completion. Successful completion of this course earns elective credit.

AUTOMOTIVE TECHNOLOGY 3-4	
Grade Level:	**10-12**
Prerequisite:	**Automotive Technology 1-2**
PHS:	**Elective**

Automotive Technology 3-4 is the second course for the transportation industry sector's Systems Diagnostics and Service career pathway. This is an intermediate-level automotive technology course that provides students with the technical training needed to pursue career opportunities at independent and manufacturer-dealership automotive repair facilities. The course focuses on two concentration areas of the National Automotive Technician Education Foundation (NATEF) standards and qualifies for NATEF accreditation. Students are encouraged to obtain industry certification by taking the Automotive Service Excellence (ASE) examination upon completion of this course. Students who successfully complete this course will earn elective credit.

AUTOMOTIVE TECHNOLOGY 5-6	
Grade Level:	**10-12**
Prerequisite:	**Automotive Technology 1-2 and 3-4**
PHS:	**Elective**

Automotive Technology 5-6 is the third course for the transportation industry sector's Systems Diagnostics and Service career pathway. Automotive Technology 5-6 is an advanced automotive technology course that focuses on three concentration areas of the National Automotive Technician Education Foundation (NATEF) standards and meets requirements for NATEF accreditation. Students are encouraged to take the Automotive Service Excellence (ASE) examination upon completion of this course. This course also reinforces all eight areas of the National Automotive Technician Education Foundation (NATEF) standards. Students in this course are encouraged to participate in an automotive internship, with related classroom instruction occurring at least one hour a week. Supplemental NATEF tasks that require advanced critical-thinking and problem-solving skills are augmented by in-class coursework. Students who successfully complete this course earn elective credit.

DIGITAL MEDIA PRODUCTION 1-2	Meets UC/CSU "F" requirement
Grade Level:	**9-12**
Prerequisite:	**None**
PHS:	**Fine Art**

Students will learn to create short films (vignettes) from idea to inception. This course provides introductory and intermediate training in digital media production. This course covers the following: operation of video cameras, digital video editing equipment, digital audio editing equipment, lighting equipment, multi-track digital recorders, video recorders, compact disc & DVD recorders and rendering. Instruction includes basic development of treatments, storyboarding, script writing, and production concepts. Students will use equipment, which includes Final Cut Pro video & audio editing software. Digidesign Pro-tools, audio editing software, digital video cameras.

DIGITAL MEDIA PRODUCTION 3-4	Meets UC/CSU "F" requirement
Grade Level:	**10-12**
Prerequisite:	**Digital Media 1-2**
PHS:	**Fine Art**

Students will learn to create advanced short films (vignettes) from idea to inception. This course provides advanced training in digital media production. This course covers the following: operation of video cameras, digital video editing equipment, digital audio editing equipment, lighting equipment, multi-track digital recorders, video recorders, compact disc & DVD recorders and rendering. Instruction includes basic development of treatments, storyboarding, script writing, and production concepts. Students will use equipment, which includes Final Cut Pro video & audio editing software, Digidesign Pro-tools, audio editing software, digital video cameras. Advanced students will also be trained in use of jib crane work, advanced text generation, advanced HD film work, and advanced audio engineering.

DIGITAL MEDIA PRODUCTION ADVANCED	
Grade Level:	**11-12**
Prerequisite:	**Digital Media 1-2 and 3-4**
PHS:	**Elective**

This course concentrates on developing competencies across the breadth of film and video production, from script creation to presentation of the finished product. The course, a continuation from Digital Media 3-4, will continue to develop students' skills in writing, directing, acting, producing, storyboarding, scheduling, cinematography, lighting design, audio engineering, and editing. Students will facilitate and mentor students from lower-level courses and manage projects throughout the production process. Students will be exposed to industry standard professional tools and will be expected to manage large-scale projects such as schoolwide broadcasts, campus film projects, and to enter their work into local and national media contests. This course is repeatable.

PHOTOGRAPHY 1	Meets UC/CSU "F" requirement
Grade Level:	**11-12**
Prerequisite:	**None**
PHS:	**Fine Art**

Photography 1 is a class for students wishing to learn about cameras, how to take pictures and how to print their own pictures. Photographic composition, camera techniques, film exposure and use of photographic chemicals is demonstrated. Students will work extensively in the photographic darkroom and will begin to work in a digital environment with *Photoshop*. An adjustable 35mm camera is recommended.

PHOTOGRAPHY 2	Meets UC/CSU "F" requirement
Grade Level:	**11-12**
Prerequisite:	**Photography 1**
PHS:	**Fine Art**

In Photography 2, students will continue to fine-tune their composition, camera and printing skills learned in Photography 1. In addition they will use a camera for communication, creative expression and fine art presentation of photographs. Imagination and creativity will be stressed. The history of photography as well as the critical evaluation of student photographs will be stressed. In Photography 3-4, advanced skills in creative printing, specialized darkroom techniques, and advanced *Photoshop* and digital printing skills are stressed. Studio photography also becomes an integral part of the curriculum. A digital camera is recommended. **Earns 3 units of college credit through Palomar College with a grade of B or better.**

PHOTOGRAPHY 3-4	Meets UC/CSU "F" requirement
Grade Level:	**12**
Prerequisite:	**Photography 1-2**
PHS:	**Fine Art**

Photography 3-4 emphasizes applications of photography; for example, journalism, magazine articles, offset printing (textbook), electronic schematics, portraiture. This course provides the opportunity for students to explore creative and career opportunities within many different areas. **Earns 3 units of college credit through Palomar College with a grade of B or better.**

PHOTOGRAPHY 5-6	This course will be offered pending PUSD Board approval
Grade Level:	**12**
Prerequisite:	**Photography 3-4**
PHS:	**Fine Art**

Students in Photography 5-6 focus on portfolio development and further refinement of skills needed for careers in commercial photography, editing, and photojournalism. Students will begin to expand their own personal artistic style through individualized assignments, class critiques, and written self-reflection. Experimentation and creativity is encouraged at every level of design: conception, editing, and presentation. Written assessments on art intent will be evaluated, and students will engage in daily aesthetic valuing through verbal and short written response in class during discussions and lecture. This course will be offered pending PUSD Board approval. Upon Board approval this course will be submitted for UC "f" credit. Upon successful completion of the course, students will earn fine art credit towards high school graduation

ADVANCED PLACEMENT STUDIO ART 2-D DESIGN (Photography)	Meets UC/CSU "F" requirement
Grade Level:	**10-12**
Prerequisite:	**Photography 1-2, 3-4 and Teacher Recommendation**
PHS:	**Fine Art**

Advanced Placement Studio Art/Photography provides instruction for highly skilled, exceptional students in photography. The course assists these students in the preparation of a portfolio for the Advanced Placement program in Studio Art. Portfolio preparation involves a significant time commitment and is, therefore, intended for motivated students with advanced skills who are seriously dedicated to studying art.

ART

3D COMPUTER ANIMATION 1-2	Meets UC/CSU "F" requirement
Grade Level:	**9-12**
Prerequisite:	**None**
PHS:	**Fine Art**

3D Computer Animation 1-2 focuses on the art of 3D computer animation. Students will learn the basics of the principles of animation, design, animation software (3D Studio Max or Softimage|XSI), modeling, storyboard development, script writing, character development, and application of these skills to be successful. Students will work in a production group to create a small-animated movie. It provides students with the opportunity to self-express and communicate their own ideas through the study of character design, backgrounds, props, digital painting, special effects, scene development, storyboard development and script writing/story writing, with the application to aesthetic theories. Students will work individually and in teams to create and plan an animated short story, through story design and implementation to a hand drawn storyboard, character development, and finally computer animation. They will analysis formally and aesthetically their group and individual work. Character development will concentrate on bringing life to the character using drawings and clay model studies created by the student. Students will experience working with different mediums to create storyboards and to design their own animated scenes and short stories.

3D COMPUTER ANIMATION 3-4	
Grade Level:	**10-12**
Prerequisite:	**3D Computer Animation 1-2**
PHS:	**Fine Art**

3D Computer Animation 3-4 is a studio class providing students with the opportunity to self-express and communicate their own ideas through the study of 3D Computer Animation focusing on design, backgrounds, props, digital painting, special effects, scene development, storyboard development and script/story writing, by creating a feature animation, a video game, scientific visualization, historical reconstruction, and so on. Students will choose an area of focus within the computer animation field and delve into that area. They will focus in greater depth on bringing life to their character and telling their story in a better format following video techniques and principles.

3D COMPUTER ANIMATION 5-6	
Grade Level:	**11-12**
Prerequisite:	**3D Computer Animation 3-4**
PHS:	**Fine Art**

3D Computer Animation 5-6 is a studio class as a continuation of 3D Computer Animation 3-4 with the addition for students to receive direction from a mentor in the field or in conjunction with an internship through a local business/industry partner. The course will provide students with a valuable insight to understanding the demands that are placed upon

them in the workforce. The course will continue to provide students with the opportunity to self-express and communicate their own ideas through the study of 3D Computer Animation focusing on design, backgrounds, props, digital painting, special effects, scene development, storyboard development and script/story writing, by creating a feature animation, a video game, scientific visualization, historical reconstruction, and so on. Students will continue to focus on their area of interest within the computer animation field and delve into that area with the help of their mentor or internship.

ARCHITECTURAL DESIGN 1-2	Meets UC/CSU "F" requirement
Grade Level:	**9-12**
Prerequisite:	**None**
PHS:	**Fine Art**

Architectural Design 1-2 focuses on the art of architecture. Students will study the history of architecture and design a set of architectural plans (AutoCAD / Architectural Desktop / ArchiCAD) of their dream home. Students will also create a 3D model of their house. The course includes the study and application of the elements and principles of design, the study of the history of ancient architecture from Catal Huyuk to the Ancient Baroque and its relevant vocabulary and structural devices, and an introduction to basic sketching and technical drawing skills.

ART & HISTORY OF FLORAL DESIGN 1-2	Meets UC/CSU "F" requirement
Grade Level:	**9-12**
Prerequisite:	**None**
PHS:	**Fine Art**

Art and History of Floral Design 1-2 provides an introduction to artistic and creative perception including aesthetic valuing through a series of projects in various media including tempera, pencil, flowers, tile, and a variety of papers. Students are also introduced to the elements and principles of visual art design such as line, shape/form, color, balance, and emphasis using a series of floral-based projects to explore the connections, relations, and application to visual arts design. Students will research and study floral trends to understand and develop an appreciation for floral design within historical and cultural, formal and casual, ceremonial, and traditional, including an understanding that floral designs are affected by society, culture, history, politics, and economic influence. Various assignments based on abstract two- and three-dimensional designs, historical culture and theory, color theory, and analytical critiques of various floral art works using design vocabulary in conjunction with development of technical skills in floral art will serve as a foundation for more complex works such as multi-part floral designs and creative expression through wedding consultations.

CERAMICS 1-2	Meets UC/CSU "F" requirement
Grade Level:	**9-12**
Prerequisite:	**None**
PHS	**Fine Art**

Ceramics 1 and 2 are classes in which a variety of projects will be completed using the medium of clay. Students will be introduced to art theory concepts and will construct projects using the methods of pinch, coil, slab, with an introduction to the wheel. Students will develop their ability to communicate ideas via the elements and principles of art and design with an emphasis on craftsmanship.

CERAMICS 3-4	Meets UC/CSU "F" requirement
Grade Level:	**10-12**
Prerequisite:	**Ceramics 1-2**
PHS:	**Fine Art**

Ceramics 3 and 4 are designed for highly motivated ceramic students who have mastered basic hand building and decorative techniques. These courses will stress ceramic design, craftsmanship, and evaluation of art content at an increased level of difficulty. Studio projects will involve construction in hand-building with an option for wheel-thrown methods.

ADVANCED PLACEMENT STUDIO ART 3-D Design (Ceramics)	Meets UC/CSU "F" requirement
Grade Level:	**10-12**
Prerequisite:	**Photography 1-2 and Teacher Recommendation**
PHS:	**Fine Art**

Advanced Placement Studio Art: 3D Design provides instruction for the highly skilled exceptional students in 3D Design. The course assists these students in the preparation of a Three-Dimensional Design Portfolio. It is designed to address a very broad interpretation of sculpture issues in depth and space. These may include mass, volume, form, plane, light, and texture. Such elements and concepts can be articulated through additive, subtractive, and/or fabrication processes. Portfolio preparation involves a significant time commitment and is, therefore, intended for motivated students with advanced skills who are seriously dedicated to studying art.

DIGITAL MEDIA PRODUCTION 1-2	Meets UC/CSU "F" requirement
Grade Level:	**9-12**
Prerequisite:	**None**
PHS:	**Fine Art**

Students will learn to create short films (vignettes) from idea to inception. This course provides introductory and intermediate training in digital media production. This course covers the following: operation of video cameras, digital video editing equipment, digital audio editing equipment, lighting equipment, multi-track digital recorders, video recorders, compact disc & DVD recorders and rendering. Instruction includes basic development of

treatments, storyboarding, script writing, and production concepts. Students will use equipment, which includes Final Cut Pro video & audio editing software. Digidesign Pro-tools, audio editing software, digital video cameras.

DIGITAL MEDIA PRODUCTION 3-4	Meets UC/CSU "F" requirement
Grade Level:	**10-12**
Prerequisite:	**Digital Media 1-2**
PHS:	**Fine Art**

Students will learn to create advanced short films (vignettes) from idea to inception. This course provides advanced training in digital media production. This course covers the following: operation of video cameras, digital video editing equipment, digital audio editing equipment, lighting equipment, multi-track digital recorders, video recorders, compact disc & DVD recorders and rendering. Instruction includes basic development of treatments, storyboarding, script writing, and production concepts. Students will use equipment, which includes Final Cut Pro video & audio editing software. Digidesign Pro-tools, audio editing software, digital video cameras. Advanced students will also be trained in use of jib crane work, advanced text generation, advanced HD film work, and advanced audio engineering.

DIGITAL MEDIA PRODUCTION ADVANCED	
Grade Level:	**11-12**
Prerequisite:	**Digital Media 1-2 and 3-4**
PHS:	**Elective**

This course concentrates on developing competencies across the breadth of film and video production, from script creation to presentation of the finished product. The course, a continuation from Digital Media 3-4, will continue to develop students' skills in writing, directing, acting, producing, storyboarding, scheduling, cinematography, lighting design, audio engineering, and editing. Students will facilitate and mentor students from lower-level courses and manage projects throughout the production process. Students will be exposed to industry standard professional tools and will be expected to manage large-scale projects such as schoolwide broadcasts, campus film projects, and to enter their work into local and national media contests. This course is repeatable.

DRAWING AND PAINTING 1-2	Meets UC/CSU "F" requirement
Grade Level:	**9-12**
Prerequisite:	**None**
PHS:	**Fine Art**

Students will have an opportunity to create and evaluate a wide variety of artworks in drawing and painting media. The class will explore design elements including line, color, shape, texture, value and space. Composition and technical skills will also be covered. These classes are designed for the whole spectrum of student skill levels, from the beginning stick figure artist to the student with many years of practice.

DRAWING AND PAINTING 3-4	Meets UC/CSU "F" requirement
Grade Level:	**10-12**
Prerequisite:	**Drawing and Painting 1-2**
PHS:	**Fine Art**

Drawing and Painting 3 and 4 are designed for students who have both the interest and talent to further develop their drawing and painting skills. Students will produce, view, discuss, and analyze a wide variety of drawings and paintings. These classes will be conducted in a studio environment that combines communication of ideas, symbols, moods, and feelings with originality.

ADVANCED PLACEMENT STUDIO ART: DRAWING	Meets UC/CSU "F" requirement
Grade Level:	**10-12**
Prerequisite:	**Drawing & Painting 1-2 & 3-4 and Teacher Recommendation**
PHS:	**Fine Art**

Advanced Placement Studio Art provides instruction for the highly skilled exceptional students in drawing, painting, and three-dimensional design. The course assists these students in the preparation of a portfolio for the Advanced Placement program in Studio Art. Portfolio preparation involves a significant time commitment and is, therefore, intended for motivated students with advanced skills who are seriously dedicated to studying art.

PHOTOGRAPHY 1	Meets UC/CSU "F" requirement
Grade Level:	**11-12**
Prerequisite:	**None**
PHS:	**Fine Art**

Photography 1 is a class for students wishing to learn about cameras, how to take pictures and how to print their own pictures. Photographic composition, camera techniques, film exposure and use of photographic chemicals is demonstrated. Students will work extensively in the photographic darkroom and will begin to work in a digital environment with *Photoshop*. An adjustable 35mm camera is recommended.

PHOTOGRAPHY 2	Meets UC/CSU "F" requirement
Grade Level:	**11-12**
Prerequisite:	**Photography 1**
PHS:	**Fine Art**

In Photography 2, students will continue to fine-tune their composition, camera and printing skills learned in Photography 1. In addition they will use a camera for communication, creative expression and fine art presentation of photographs. Imagination and creativity will be stressed. The history of photography as well as the critical evaluation of student photographs will be stressed. In Photography 3-4, advanced skills in creative printing, specialized darkroom techniques, and advanced *Photoshop* and digital printing skills are stressed. Studio photography also becomes an integral part of the curriculum. A digital

camera is recommended. **Earns 3 units of college credit through Palomar College with a grade of B or better.**

PHOTOGRAPHY 3-4	Meets UC/CSU "F" requirement
Grade Level:	**11-12**
Prerequisite:	**Photography 2**
PHS:	**Fine Art**

Photography 3-4 emphasizes applications of photography; for example, journalism, magazine articles, offset printing (textbook), electronic schematics, portraiture. This course provides the opportunity for students to explore creative and career opportunities within many different areas. **Earns 3 units of college credit through Palomar College with a grade of B or better.**

PHOTOGRAPHY 5-6	This course will be offered pending PUSD Board approval
Grade Level:	**11-12**
Prerequisite:	**Photography 1-2 & Photography 3-4**
PHS:	**Fine Art**

Students in Photography 5-6 focus on portfolio development and further refinement of skills needed for careers in commercial photography, editing, and photojournalism. Students will begin to expand their own personal artistic style through individualized assignments, class critiques, and written self-reflection. Experimentation and creativity is encouraged at every level of design: conception, editing, and presentation. Written assessments on art intent will be evaluated, and students will engage in daily aesthetic valuing through verbal and short written response in class during discussions and lecture. This course will be offered pending PUSD Board approval. Upon Board approval this course will be submitted for UC "f" credit. Upon successful completion of the course, students will earn fine art credit towards high school graduation.

ADVANCED PLACEMENT STUDIO ART 2-D DESIGN (Photography)	Meets UC/CSU "F" requirement
Grade Level:	**10-12**
Prerequisite:	**Photography 1-2 and Teacher Recommendation**
PHS:	**Fine Art**

Advanced Placement Studio Art/Photography provides instruction for highly skilled, exceptional students in photography. The course assists these students in the preparation of a portfolio for the Advanced Placement program in Studio Art. Portfolio preparation involves a significant time commitment and is, therefore, intended for motivated students with advanced skills who are seriously dedicated to studying art.

STUDIO ART	Meets the UC/CSU “F” requirement
Grade Level:	**10-12**
Prerequisite:	**Drawing & Painting 1-2 & 3-4 and Teacher Recommendation**
PHS:	**Fine Art**

Studio Art is for students who have advanced skills. They must develop their own ideas for their projects and choose the types of surfaces and materials that are appropriate. Students must be highly motivated and be able to work independently. A minimum of 6 superior quality artworks are required for the semester. The teacher will discuss all projects with the students on an ongoing basis. This course can be repeated for credit and is offered every semester. (This is not an AP course.)

ELECTIVE CREDIT COURSES

ACADEMIC TUTOR	
Grade Level:	**11-12**
Prerequisite:	**None**
PHS:	**Elective**

This course will provide students with improved communication and organizational skills in addition to increased mastery of academic content area skills. Under the supervision of a classroom teacher, tutors will provide individual or small group facilitation designed to increase students' ability to think, read, write and communicate critically. The design of the course provides tutors with necessary tools and processes to work most effectively with students in a one on one or group study environment. Students will receive instruction from their supervising teacher within the context of the class. Successful completion of this course will earn elective credit.

ACADEMIC TUTOR/SCIENCE	
Grade Level:	**11-12**
Prerequisite:	**None**
PHS:	**Elective**

Academic Tutor/Science is designed for students seeking to further their knowledge in a science course while serving in a leadership position to assist in the daily activities of a science classroom. Responsibilities in the classroom will prepare the student for career pathways such as lab tech, science educator, and research scientist. This course reinforces many of the NGSS Science and Engineering Practices (SEPs). Students will be involved with the planning, administering and instruction of lessons. Students will serve as a mentor for their peers enrolled in the science course by tutoring students, teaching proper safety protocol and use of lab equipment. Successful completion of this course will earn elective credit.

ADVANCED PLACEMENT COMPUTER SCIENCE A 1-2	Meets the UC/CSU "G" requirement
Grade Level:	**10-12**
Prerequisite:	**Previous or concurrent enrollment in Integrated Math IIIa-IIIb or Algebra 3-4**
PHS:	**Elective**

Advanced Placement Computer Science A 1-2 places major emphasis on programming methodology, algorithms, and data structures. Applications of computing provide the context in which these subjects are treated; applications are used to develop student awareness of the need for particular algorithms and data structures, as well as to provide topics for programming assignments to which students can apply their knowledge. A particular programming language constitutes the vehicle for implementing computer-based solutions to particular problems. Treatments of computer systems and the social implications of computing are integrated into the course and not isolated as separate units

ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES 1-2	Meets the UC/CSU "G" requirement
Grade Level:	**10-12**
Prerequisite:	**C or above in Integrated Math Ia-Ib or Algebra 1-2**
PHS:	**Elective**

Computer Science Principles is designed as a college-level introduction to a computer science course for non-computer science majors. The course focuses on computational thinking and fluency. In order to gain a basic understanding of computers and computation, students will: learn about the impacts of computing; identify abstractions and learn how to use them in computing; be given solutions to computer programs to analyze for correctness and to engage in discussions about the solutions; and create computational artifacts, working individually and in teams.

ADVANCED PLACEMENT HUMAN GEOGRAPHY	Meets UC/CSU "G" requirement
Grade Level:	**9-12**
Prerequisite:	**None**
PHS:	**Elective**

AP Human Geography introduces students to the basic concepts of human geography and provides a geographic framework for the analysis of current world problems through the use of case studies. The course develops students' abilities to ask geographic questions; acquire, organize, and analyze geographic information; and answer geographic questions. This course will cover basic concepts of geography, population, migration, folk and popular culture, language, religion, ethnicity, political geography, development, agriculture, industry, services, and urban geography.

ADVANCED PLACEMENT HUMAN GEOGRAPHY SEMINAR	
Grade Level:	**9-12**
Prerequisite:	**Recommended completion of AP Human Geography**
PHS:	**Elective**

AP Human Geography Seminar is a one-trimester class that will allow students to refine their understanding of and writing skills in the Social Sciences as well as explore topics and concepts relevant to the study of Human Geography on a spatial level. Academic research methods and techniques specific to Social Science will also be included. Students who successfully complete the course will earn elective credit.

ADVANCED PLACEMENT PSYCHOLOGY 1-2	Meets the UC/CSU "G" requirement
Grade Level:	**11-12**
Prerequisite:	**None**
PHS:	**Elective**

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental process of human beings and other animals.

Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

AGRICULTURAL ECONOMICS	Meets the UC/CSU "G" requirement
Grade Level:	**12**
Prerequisite:	**None**
PHS:	**Elective**

Students will be provided the knowledge and technical skills to assess the role of agriculture in the United State and global economies and will apply basic economic principals as they relate to individual consumers, production agriculture, and agri-business management. In addition, this course will allow students to deepen their understanding of the economic problems and institutions of the nation and world in which they live. This course will be offered pending PUSD Board approval. Students who successfully complete the course will earn economics credit.

AGRICULTURAL GOVERNMENT POLICY	Meets the UC/CSU "A" requirement
Grade Level:	**12**
Prerequisite:	**None**
PHS:	**Elective**

This class is designed to allow students to study the origins of our federal, state and local governments and study their structure, function, theory and process while understanding the influence of the government on the agriculture industry. Students who successfully complete the course will earn civics credit.

AVID 1-8	Meets the UC/CSU "G" requirement
Grade Level:	**9-12**
Prerequisite:	**Application and Interview Required**
PHS:	**Elective**

AVID is a program designed to aid students who have college potential by providing additional support. Students commit to completing the University of California A-G requirements, repeating in summer school any class in which they earn a D or an F, and taking an AVID class each year. The elective class has college tutors who assist students in other classes, teaches note-taking, organization skills, time management, test-taking strategies, writing across the curriculum, and the inquiry method. Additionally, students have guest speakers and take field trips to colleges

AVID SENIOR SEMINAR 1-2	Meets the UC/CSU "G" requirement
Grade Level:	**12**
Prerequisite:	**AVID 5-6 Recommended; Application and Interview Required**
PHS:	**Elective**

AVID Senior Seminar is the culmination of a student's years in the AVID program and involves substantial critical reading, writing, and oral presentation. Students will be required to complete college applications (UC & CSU), financial aid, housing applications, timed writings and analytical discourses in subjects across the curriculum. In addition, students will be required to make oral presentations on topics related to contemporary issues and social concerns.

BROADCAST JOURNALISM 1-2	Meets the UC/CSU "G" requirement
Grade Level:	**9-12**
Prerequisite:	**None**
PHS:	**Elective**

Broadcast Journalism/Television Production introduces students to the basic tools, techniques, and vocabulary of broadcast journalism. It provides an overview of the principles and historical and contemporary practices of broadcast journalism in society, with emphasis on methods, writing, announcing, ethics, and career opportunities. Students will practice the fundamentals of communicating using the television medium and through hands-on projects will learn to perform the basic job requirements of the camera operator, audio operator, video switcher, lighting director, floor manager, graphics operator, announcer, and director. Students will apply their knowledge as they produce regular news segments to be broadcast for the school.

BROADCAST JOURNALISM 3-4	
Grade Level:	**10-12**
Prerequisite:	**Broadcast Journalism 1 & 2**
PHS:	**Elective**

Students will develop a thorough understanding of creative non-fiction storytelling in various forms including documentary, short form packages, and live reporting. Additionally, students will write and create compelling, creative voice overs to accompany visual imagery. Students will have the opportunity to become program directors and manage a full day, weekly newscast program with a large crew of production students. Upon successful completion of the course, students will earn PUSD Fine Arts elective credit.

COMPUTER INTEGRATED MANUFACTURING	Meets the UC/CSU "G" requirement
Grade Level:	**10-12**
Prerequisite:	**Integrated Math Ia-Ib or Algebra 1-2, recommended to take Pre-Engineering 1 or 2**
PHS:	**Elective**

Computer Integrated Manufacturing is a high school level course for 10th, 11th, or 12th grade students who are interested in manufacturing and automation. It is recommended for students who have successfully completed the Introduction to Engineering Design (IED) course or Principles of Engineering course (POE). Computer Integrated Manufacturing (CIM) is the study of manufacturing, planning, integration, and implementation of automation. The course explores manufacturing history, individual processes, systems, and

careers. In addition to technical concepts, the course incorporates finance, ethics, and engineering design, and reflects the integrated approach that leading manufacturers have adopted to improve safety, quality, and efficiency. Computer Integrated Manufacturing is one of the specialization courses in the Project Lead the Way high school engineering program. The course applies and concurrently develops secondary-level knowledge and skills in mathematics, science, and technology.

ENGINEERING DESIGN AND DEVELOPMENT	Meets the UC/CSU "G" requirement
Grade Level:	**11-12**
Prerequisite:	**Integrated Math Ia-Ib or Algebra 1-2, recommended to take Pre-Engineering and Design 1 or 2**
PHS:	**Elective**

This is the capstone course of the Engineering Pathway. Students will participate in a team where they will develop their own product and competitively show their product. This course can be combined with robotics or any other engineering competition. Students will focus on the design process.

GEOSCIENCE 1-2	Meets the UC/CSU "G" requirement
Grade Level:	**10-12**
Prerequisite:	**Biology 1-2**
PHS:	**Physical Science**

Geoscience 1-2 is a one-year college preparatory lab course that explores the characteristics, formation, and processes that occur on and within the Earth, the atmosphere, and our universe. Course topics utilize core concepts of chemistry and physics as listed within the PUSD physical science essential learning. There is a strong emphasis on algebra-based qualitative and quantitative laboratory activities, which include internet-based research and study. This course is designed to emphasize skills necessary for success in Chemistry 1-2 and AP Environmental Science.

HISTORY AND APPRECIATION OF MUSIC	
Grade Level:	**10-12**
Prerequisite:	**None**
PHS:	**Elective**

History and Appreciation of Music is a study of the basic concepts needed to develop an appreciation and an understanding of music. Historical development of music is the logical organizing and focal point throughout the course. Main emphasis is placed upon the art of intelligent listening. A variety of musical styles and forms are studied and listened to. This course may be used to meet the PUSD Fine Arts requirement.

INTRODUCTION TO COMPUTER PROGRAMMING 1-2	Meets the UC/CSU "G" requirement
Grade Level:	**9-12**

Prerequisite:	**Math "C" or above in Integrated Math Ia-Ib or Algebra 1-2**
PHS:	**Elective**

Introduction to Computer Programming 1-2 will introduce the students to the current computer programming language. Students will learn to develop algorithms, computer programming in the computer language, as well as learn the Windows XP operating system. The primary emphasis will be to learn the proper and efficient use of standard commands, structures, and statements in the computer programming language. This course will stress logic and analytical thinking skills. It is recommended for the college bound student planning on a business, math, or computer science major. This course is designed for the student planning to take AP Computer Science 1-2.

INTRODUCTION TO DESIGN 1-2	**Meets the UC/CSU "F" requirement**
Grade Level:	**9-12**
Prerequisite:	**Math "C" or above in Integrated Math Ia-Ib or Algebra 1-2, recommended to take Intro to Engineering Design with Intro to Design 1-2**
PHS:	**Fine Art**

Part of the Project Lead the Way Engineering pathway curricula. The course is an in-depth, project-based course that concentrates on principles of visual design and the design process. Projects focus on design factors such as aesthetics, format, geometric shape and form, perspective drawing, scale, proportion, and presentation techniques. Students use computers as a medium/tool for the design of project components such as sketching techniques, orthographic drawing, and 3D modeling and rendering. Assignment requirements are based on color, form and aesthetics with emphasis on the stages of the design process and critical thinking. The curriculum involves details around the concept of 'form follows function' aspects and the effects of successful presentation. Students explore various materials and media for self-expression and learn to express opinions through class critiques and oral presentations. Class projects include toy design, abstract pattern design, architectural model building, poster and brochure design, and design of various products such as desktop organizers and amusement park rides. Design tools will include 3D modeling and other computer software.

INTRODUCTION TO ENGINEERING DESIGN 1-2	**Meets the UC/CSU "G" requirement**
Grade Level:	**9-12**
Prerequisite:	**Math "C" or above in Integrated Math Ia-Ib or Algebra 1-2**
PHS:	**Elective**

Introduction to Engineering Design 1-2 is an in-depth, project-based course that concentrates on Industrial Design/Technology and is divided into four units: Introduction to Design, Design Solutions, Reverse Engineering, and Design Problems. Part of the Project Lead the Way Engineering pathway curricula, this course will give students the opportunity to use technology to learn about Engineering and Industrial Design

JOURNALISM 1	Pending approval to meet the UC/CSU "G" requirement
Grade Level:	**9-12**
Prerequisite:	**"C" grade or better in previous composition courses**
PHS:	**Elective**

Journalism 1 is a course in which students are taught news writing and other aspects of newspaper production. Included are lead writing, news writing, editorial writing, feature writing, and headline writing. Also included are the legal aspects of copy reading, layout, makeup, and journalism.

JOURNALISM 2/ ILIAD (School Newspaper)	Meets the UC/CSU "G" requirement
Grade Level:	**10-12**
Prerequisite:	**Teacher Recommendation**
PHS:	**Elective**

In Journalism 2, students design and produce the school newspaper. They learn news, feature, review, editorial and sports writing styles, as well as laws related to journalists. Using a computer desktop publishing program, they design pages and finalize their work. Students also familiarize themselves with the business aspects of newspaper production by handling advertising accounts.

LAW IN ACTION	Meets the UC/CSU "G" requirement
Grade Level:	**10-12**
Prerequisite:	**Sociology**
PHS:	**Elective**

Law in Action is a practical, participatory education about law, democracy, and human rights. A course that is a blend of content and methodology that uses techniques which promote cooperative learning, critical thinking, and the ability to participate in a democratic society. The curriculum promotes knowledge of legal rights and responsibilities, engagement in the democratic process, and belief in the rule of law. This course's approach to law related education is to provide practical information and problem solving opportunities that develop in students the knowledge and skills necessary for survival in our law-saturated society. This course has been approved to meet the UC "g" requirement.

PLANNING AND LEADERSHIP/ASB 1-2	
Grade Level:	**10-12**

Prerequisite:	**Peer elections and/or peer interviews; Consent of supervising A.S.B. Director**
PHS:	**Elective**

Planning & Leadership is a course in which students are taught leadership skills, parliamentary procedure, group processes, planning, and organization. Members of the Planning & Leadership class actively participate in student activities and student government.

PRE-ENGINEERING & DESIGN 1-2	**Meets the UC/CSU "G" requirement**
Grade Level:	**10-12**
Prerequisite:	**None**
PHS:	**Elective**

Pre-Engineering and Design is an in-depth, hands-on course that concentrates on Industrial Design/Technology and is divided into four units: Technical Illustration and Design, Aesthetic Theories and Creativity, Computer-Aided Drafting, and Modeling. This course will give students the opportunity to use technology to learn about Engineering and Industrial Design. This course may be used to meet the PUSD Practical Arts requirement and the District's Computer Literacy requirement.

PRINCIPLES OF ENGINEERING 1-2	**Meets the UC/CSU "G" requirement**
Grade Level:	**9-12**
Prerequisite:	**Math "C" or above in Integrated Math Ia-Ib or Algebra 1-2, recommended to take Introduction to Engineering Design 1 or 2**
PHS:	**Elective**

The Principles of Engineering 1-2 is a high school level survey course of engineering and physics topics. The course exposes students to many core concepts in physics and engineering that they will encounter in a postsecondary engineering course of study, including kinematics, energy, power, materials, structures, control systems and statistics. Part of the Project Lead the Way Engineering pathway curricula, this course provides students the opportunity to develop skills and gain an understanding of Engineering concepts through laboratory activities, projects, and problem-based learning.

PSYCHOLOGY 1	**Meets the UC/CSU "G" requirement**
Grade Level:	**11-12**
Prerequisite:	**None**
PHS:	**Elective**

Psychology 1 is a course which deals with the factors which help to shape an individual's personality and behavior. Included are biological bases of behavior, physical maturation, the psychological development of the individual through various stages from infancy to adulthood, and perception. Other topics included are motivation, intelligence, and behavior disorders. Various strategies are discussed which can help people attain healthy, normal relationships and solutions to frustrations and conflicts.

SOCIOLOGY	Meets the UC/CSU "G" requirement
Grade Level:	**9-12**
Prerequisite:	**None**
PHS:	**Elective**

Sociology is the study of human relationships through analysis of the types, structures, dynamics, and functions of groups. In particular, students will study why groups form, how groups are organized, in what way groups fulfill the needs of individual members and of society as a whole, and how groups are affected by outside influences. The commonality of human behavior in groups and the similarity of groups throughout the world will be stressed.

TALL FLAGS – COLOR GUARD (Spring Semester)	
Grade Level:	**9-12**
Prerequisite:	**None**
PHS:	**Elective**

The Color Guard class provides students with the opportunity to develop musical/visual concepts, skills, and interpretations. These concepts will be used in conjunction with the marching program and the indoor tall flag instruction. Evaluation will be provided by the Southern California School Band and Orchestra Association and the California Tall Flag Association, in addition to teacher observation. This class does not meet the PUSD Physical Education graduation requirement or the CSU Fine Arts requirement.

YEARBOOK 1-2	
Grade Level:	**9-12**
Prerequisite:	**None**
PHS:	**Elective**

Yearbook is a course in which the basic purpose is to produce an offset yearbook. Students are assigned various tasks that require serious initiative and responsibility. Records must be kept, ads sold, pictures taken, captions written, copy prepared, and layouts designed. Once the present year's book is complete, plans are prepared for the following year's book.

ENGLISH

BRITISH LITERATURE 1-2	Meets the UC/CSU “B “ or “G” requirement
Grade Level:	**12**
Prerequisite:	**American Literature 1-2**
PHS:	**English**

British Literature 1-2 is a course designed to acquaint students with various genres and themes of British literature from earliest origins to modern day, as well as with the societies which produced the writers. Students are expected to discuss literature orally after reading carefully and closely. Students will use various modes of writing prompted by the reading. Through an integrated course of read writing, vocabulary, and history, students will develop an appreciation of great stories, poems, and plays. Students will also explore America’s historical roots, literary heritage, linguistic evolution, and the basis of our own governmental systems.

ENGLISH PREP	
Grade Level:	**9, 10**
Prerequisite:	**Teacher recommendation, concurrent enrollment in High School English**
PHS:	**Elective**

English Prep is a course designed to support students concurrently enrolled in High School English. The course will focus on the identification and strengthening of specific reading, writing, listening, and speaking skills which will enable students to meet ninth grade standards. Students will be taught a variety of strategies, using both narrative and expository works, to become more effective readers and writers. This course may be taken for elective credit only.

HIGH SCHOOL ENGLISH 1-2	Meets the UC/CSU “B” requirement
Grade Level:	**9**
Prerequisite:	**None**
PHS:	**English**

In High School English 1-2, students will continue to develop their thinking-in-writing by practicing a variety of writing modes including the literary analysis essay, descriptive writing and formal, academic research. Concurrently, they will acquire and use specific skills to read and respond to different genres of literature, which could include the short story, myths and legends, the novel, and assorted non-fiction, and will gradually move to more sophisticated reading and writing. By combining their reading of literature with a process approach to writing, students will not only broaden their knowledge of literary techniques, but also learn to connect their own personal experiences with the literature.

HONORS HIGH SCHOOL ENGLISH 1-2	Meets the UC/CSU "B" requirement
Grade Level:	**9**
Prerequisite:	**Teacher Recommendation**
PHS:	**English**

Honors High School English 1-2 is an advanced version of High School English 1-2. Students read several novels, poetry, and Shakespearean drama, as well as outside novels or nonfiction works from a required reading list. The literary analysis is introduced and practiced as well as other formatted types of writing including the documented multi-page research paper on a controversial issue. The parts of speech and types of sentences and usage are reviewed, and twenty vocabulary words are studied and tested weekly.

READ 180 1-2	
Grade Level:	**9**
Prerequisite:	**Teacher Recommendation**
PHS:	**Elective**

READ 180 is a course designed to provide intensive instruction in reading for ninth graders. The course uses the Scholastic READ 180 software program and is being piloted at Poway High School. Students earn elective credit for the course.

HIGH SCHOOL ENGLISH 3-4	Meets the UC/CSU "B" requirement
Grade Level:	**10-12**
Prerequisite:	**High School English I-2**
PHS:	**English**

Through a thematic approach to the study of literature and written composition, students in High School English 3-4 will broaden their knowledge of literature and its cultural elements (e.g. art, music, dance, politics, etc.). They will improve their ability to understand their connection to literature, develop writing and thinking skills, master punctuation and grammar skills, and further improve listening and speaking skills. Writing modes addressed will include: reflective, interpretive, and evaluative. Also, a research-based controversial issue essay will be required.

HONORS HUMANITIES 1-2	Meets the UC/CSU "B" requirement
Grade Level:	**10**
Prerequisite:	**Teacher Recommendation**
PHS:	**English**

Honors Humanities 1-2 emphasizes expository expression, both written and oral. Students write in a variety of essay modes including: controversial issue, cause/effect, reflective, compare/contrast, and literary analysis. Students learn to form a thesis statement, organize support information, and develop an introduction, body and conclusion appropriate for each assignment. The course involves library research, internet investigations, outside reading, peer cooperation, and formal public speaking. Additionally, students will begin a survey of

Western culture beginning with the Ancient Greeks and through and beyond the Renaissance up to the 20th Century.

ADVANCED PLACEMENT ENGLISH LANGUAGE 1-2	Meets the UC/CSU "B" requirement
Grade Level:	**11**
Prerequisite:	**Teacher Recommendation**
PHS:	**English**

AP English Language is a two-semester course designed to prepare students to take the AP Language Exam. Students will read, discuss, and write about fiction and non-fiction literature, from Colonial to modern times, focusing on text analysis, rhetorical strategies, and vocabulary development. They will develop a more specific understanding of how audience, speaker, style and purpose shape persuasive writing. This course also emphasizes the development of research skills and requires students to write a 15-20 page argumentative research paper on a modern American author of their choice.

ADVANCED PLACEMENT ENGLISH LANGUAGE SEMINAR	
Grade Level:	**11**
Prerequisite:	**Teacher Recommendation**
PHS:	**Elective**

AP English Language and Composition Seminar will be offered during the third trimester. The course will offer students the opportunity to partake in project-based learning and apply learning acquired during the Advanced Placement class. Students will design their own projects that may involve creation of videos, distribution of surveys, publication of art, or multimedia. Student learning will become active as students complete projects that demonstrate their learning and understanding and/or show how this learning translates into an action or a product. Additionally, the course will allow students to earn elective credit as they review and continue to develop an understanding of the elements of effective rhetoric and argumentation. This includes, but is not limited to, the study of logos, ethos, pathos, and other stylistic tools.

AMERICAN LITERATURE 1-2	Meets the UC/CSU "B" requirement
Grade Level:	**11**
Prerequisite:	**High School English 3-4**
PHS:	**English**

American Literature 1-2 introduces famous American writers such as Bradford, Dickinson, Whitman, Irving, Poe, Crane, Twain, O'Henry, Hawthorne, Hemingway and Steinbeck, and the philosophical context of the literature. American Literature 2 deals with more modern American writers. Possible choices of authors to be studied include Faulkner, Hemingway, Steinbeck, Albee, O'Neill, Williams, Salinger, Sandburg, Frost, or Fitzgerald. Students will continue to practice the essay format, advanced literary concepts and SAT vocabulary.

ADVANCED PLACEMENT ENGLISH LITERATURE 1-2	Meets the UC/CSU "B" requirement
Grade Level:	**12**
Prerequisite:	**Teacher Recommendation**
PHS:	**English**

Advanced Placement English 1-2 is a college-level course designed to prepare students to take the Advanced Placement English examination. The course presents examples of Western literary development from the Greeks through the twentieth century, acquainting students with various genres and themes. Emphasis will be placed on a close reading and analysis of the individual literary work. In addition, attention may be given to the historical and philosophical characteristics of the authors, literary movements, and genres. Students also will be expected to write expository, researched papers.

ADVANCED PLACEMENT ENGLISH LITERATURE 1-2 SEMINAR	
Grade Level:	**12**
Prerequisite:	**Teacher Recommendation**
PHS:	**Elective**

AP English Literature and Composition Seminar will be offered during the third trimester. The course will afford students the opportunity to apply learning acquired during the Advanced Placement class. Students will complete a final project that demonstrates their learning and understanding and/or shows how this learning translates into an action or a product. The seminar will allow students to earn elective credit as they continue to develop their understanding of literary devices, their appreciation of a wide range of literary genres, and their understanding of how literary works are a reflection of historical moment's values and culture.

EXPOSITORY READING AND WRITING 1-2	Meets the UC/CSU "B" requirement
Grade Level:	**12**
Prerequisite:	**American Literature 1-2**
PHS:	**English**

Expository Reading and Writing prepares college-bound seniors for the literacy demands of higher education. Students in this yearlong, rhetoric-based course will become more proficient in expository, analytical and argumentative reading and writing, increasing their awareness of the rhetorical strategies employed by authors and applying those same strategies to their own writing.

WORLD LITERATURE 1-2	Meets the UC/CSU "B" requirement
Grade Level:	**12**
Prerequisite:	**American Literature 1-2**
PHS:	**English**

World Literature studies the literature, histories and cultures of Africa, India, the Orient, Latin America, and parts of Europe. This course is designed to educate the students so that they will be able to recognize the differences between cultures and, in so doing, the universality of the human condition. Readings include several modern titles. Compositions are geared to prepare seniors for college.

WRITING SEMINAR 1	Meets the UC/CSU "G" requirement
Grade Level:	**11,12**
Prerequisite:	**Teacher Recommendation**
PHS:	**English**

Writing Seminar 1 is designed for students with an interest in creative written expression and an interest in the connection between writing and reading. The course has three purposes: 1) to explore and practice various styles of expository and narrative writing, 2) to understand the writing process and the importance of revision to writers, and 3) to read critically various pieces of literature and to apply the techniques of published writers into their own analyses. This course has been approved to meet the UC "g" requirement.

WRITING SEMINAR 2	Meets the UC/CSU "G" requirement
Grade Level:	**11,12**
Prerequisite:	**Writing Seminar 1 (Grade C or above)**
PHS:	**English**

Writing Seminar 2 is designed for those students who wish to continue with the advanced study and practice of creative writing with more emphasis on independent study and research into authors and styles. Students will utilize more of the connection between their reading and their writing. Students will seriously involve themselves in all aspects of the writing process and will write for publication. This course has been approved to meet the UC "g" requirement.

MATHEMATICS

INTEGRATED MATH Ia-Ib	Meets the UC/CSU "C" requirement
Grade Level:	**9-12**
Prerequisite:	**None**
PHS:	**Math**

Integrated Mathematics I uses properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge from prior grades. The critical areas organized into units deepen and extend understanding of linear relationships. The Mathematical Practice Standards together with the content standards prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

INTEGRATED MATH IIa-IIb	Meets the UC/CSU "C" requirement
Grade Level:	**9-12**
Prerequisite:	**Integrated Math 1a-1b**
PHS:	**Math**

The focus of Integrated Mathematics II is on quadratic expressions, equations, and functions. The link between probability and data is explored through conditional probability and counting methods, including their use in making and evaluating decisions. The study of similarity leads to an understanding of right triangle trigonometry and connects to quadratics through Pythagorean relationships. Circles with their quadratic algebraic representations round out the course. The Mathematical Practice Standards together with the content standards prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations..

INTEGRATED MATH IIIa-IIIb	Meets the UC/CSU "C" requirement
Grade Level:	**9-12**
Prerequisite:	**Integrated Math IIa-IIb**
PHS:	**Math**

In Integrated Mathematics III students apply the accumulation of learning from previous courses, with content grouped into four critical areas. They apply methods from probability and statistics to draw inferences and conclusions from data. Students expand their repertoire of functions to include polynomial, rational, and radical functions. They expand their study of right triangle trigonometry to include general triangles. Students bring together all of their experience with functions and geometry to create models and solve contextual problems. The Mathematical Practice Standards together with the content standards prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

MATHEMATICS ACCELERATION	
Grade Level:	**9-12**
Prerequisite:	**Recommendation of math teacher**
PHS:	**Elective**

This course will provide a review of middle school mathematics and Algebra skills. The course develops skills in the language and applications of algebra, including development of the real number system, variables, mathematical expressions, linear equations, problem solving, inequalities, polynomials, special products and factoring, graphs, relations and functions, quadratic equations, rational and radical expressions, and basic statistics and probability. It also includes middle school topics such as the study of whole numbers, integers, decimals, fractions, percents, and scientific notation. This course qualifies for elective credits.

TRIGONOMETRY	Meets the UC/CSU “C” requirement
Grade Level:	**10-12**
Prerequisite:	**"C" or better in second-year Algebra**
PHS:	**Math**

Trigonometry is a college-preparatory one-semester course. The course will include the study of all six trigonometric functions, circular functions, graphs of the trigonometric functions, inverses, trigonometric identities and equations, triangle trigonometry and applications.

COLLEGE ALGEBRA 1-2	Meets the UC/CSU "C" requirement
Grade Level:	**11-12**
Prerequisite:	**Grade of B or higher in Algebra 3-4 or Honors Algebra 3-4**
PHS:	**Math**

This course is designed for the advanced math student who is preparing to take Pre-Calculus or college mathematics. Non-algebra based topics (such as network theory and number theory) will be studied, along with some pre-calculus concepts, in order to bring diversity and interest to the curriculum. Students will leave the course prepared to take a pre-calculus, statistics, or discrete math course in either high school or college mathematics.

PRE-CALCULUS 1-2	Meets the UC/CSU "C" requirement
Grade Level:	**12**
Prerequisite:	**Grade of C or higher in Algebra 3-4**
PHS:	**Math**

Pre-Calculus 1-2 is designed for the advanced college-preparatory student and will provide the foundation for students to proceed into Calculus. The major content will focus on functional and graphical analysis, exponential, polynomial, rational, and logarithmic functions, and circular and trigonometric functions.

HONORS PRE-CALCULUS 1-2	Meets the UC/CSU "C" requirement
Grade Level:	**11-12**
Prerequisite:	**Grade of C or higher in Honors Algebra 3-4, or Grade of B or higher in both Algebra 3-4 and College Algebra 1-2**
PHS:	**Math**

This course is for advanced college prep students. It provides the foundation for students to proceed to Calculus. Reviews Trigonometry, Geometry, and Algebra. It introduces the study of polynomials including synthetic division, graphing theory, limits, and derivatives.

STATISTICS	Meets the UC/CSU "C" requirement
Grade Level:	**11-12**
Prerequisite:	**"C" or better in second-year Algebra**
PHS:	**Math**

Statistics is a college-preparatory one-semester course which will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. The course will include the study of descriptive statistics, correlational relationships, the design of experiments and surveys, and probability. Students will be prepared for statistical applications in a wide-range of disciplines. A major theme will be to use real data through case studies, projects, technology, and community resources.

ADVANCED PLACEMENT STATISTICS 1-2	Meets the UC/CSU "C" requirement
Grade Level:	**11-12**
Prerequisite:	**Honors Algebra 3-4 or Trigonometry/Statistics**
PHS:	**Math**

The multidisciplinary aspects and applications of statistics make it one of the most rewarding classes to take. The study blends the rigor, calculations, and deductive thinking of mathematics, the real-world examples and problems of social science, the decision-making needs of business and medicine, and the laboratory methods and experimental procedures of the natural sciences. This course is designed to prepare students to take the Advanced Placement Exam for Statistics.

ADVANCED PLACEMENT CALCULUS AB 1-2	Meets the UC/CSU "C" requirement
Grade Level:	**10-12**
Prerequisite:	**Grade of B or better in Honors Pre-Calculus & Teacher Recommendation**
PHS:	**Math**

This course is a college-level class for students who have completed the equivalent of 4 years of college preparatory mathematics. Students will receive little or no review. Topics include derivatives, differentials, integrations, and applications. Many problems are atypical and require students to synthesize new solutions. A graphing calculator is required. The course is designed to prepare students to take the Advanced Placement Exam for Calculus AB.

ADVANCED PLACEMENT CALCULUS AB 1-2 SEMINAR	
Grade Level:	**10-12**
Prerequisite:	**AP Calculus AB 1-2**
PHS:	**Elective**

AP Calculus AB Seminar is a culmination of AP Calculus AB. This course will focus on developing and reinforcing students' conceptual understanding of calculus and their ability to apply knowledge to solve problems. Emphasis will be placed on the acquisition of critical thinking, reading, and writing skills specific to college-level mathematics. Students will develop problem-solving skills through investigations of complex free-response based problems. Students will develop effective communication skills through clear, concise written and verbal explanations of their solutions in a variety of mathematical contexts.

BRIDGE TO AP CALCULUS BC	
Grade Level:	**11-12**
Prerequisite:	**AP Calculus AB 1-2**
PHS:	**Elective**

Bridge to AP Calculus BC will serve as a bridge from AP Calculus AB to AP Calculus BC. This course supports students in preparation for the AP Calculus BC Exam and extends

learning in college-level Mathematics. During this course, students will take a more in-depth look at topics from AP Calculus AB 1 and AP Calculus AB 2, as well as specialty techniques for estimating integrals. Since the AP Calculus BC exam includes the material from the Calculus AB course, it is critical that the Calculus AB material is fully mastered before proceeding into the new Calculus BC material.

ADVANCED PLACEMENT CALCULUS BC 1-2	**Meets the UC/CSU "C" requirement**
Grade Level:	**12**
Prerequisite:	**Grade of B or better in Calculus AB 1-2 & Teacher Recommendation**
PHS:	**Math**

This course is for students who have completed four years of college preparatory math including Calculus AB. New topics covered include parametric equations, vector functions, indeterminate forms of limits, polar curves, advanced integration techniques, infinite series, and Taylor polynomials. This course prepares the student to take the Advanced Placement Exam for Calculus BC.

MUSIC AND DRAMA

ADVANCED PLACEMENT MUSIC THEORY 1-2	Meets the UC/CSU "F" requirement
Grade Level:	**11-12**
Prerequisite:	**Teacher Recommendation**
PHS:	**Fine Art**

Advanced Placement Music Theory is a course designed for the study of Musical Structure. The ultimate goal is to develop a student's ability to recognize and understand the basic materials and processes of music that is heard or read in the score. The course will provide a solid foundation in intervals, scales, metric/rhythmic patterns, and the terms used to describe these elements of music. This course will serve to prepare the student for the Advanced Placement Music Theory exam. This course has been approved to meet the PUSD Fine Arts requirement.

BEGINNING CHOIR 1-2	Meets the UC/CSU "F" requirement
Grade Level:	**9-12**
Prerequisite:	**None**
PHS:	**Fine Art**

Beginning Choir I teach students how to sing and how to read music. It is an opportunity to develop musical skills and to broaden the musical experience through rehearsal and performance. This is a performance class and students participate in all concerts and a spring festival. The makeup of this class could be mixed voices, women only or men only. Beginning Choir 2 is an extension of Beginning Choir 1 and includes further exploration of music theory and vocal techniques.

CLASSICAL VOCAL ENSEMBLE (Die Lieder Singers)	Meets the UC/CSU "F" requirement
Grade Level:	**10-12**
Prerequisite:	**Audition and Teacher Recommendation**
PHS:	**Fine Art**

Classical Vocal Ensemble is a course for advanced choral musicians. Advanced choral and vocal technique will be taught in a small choir setting of 20-26 students. Classical and traditional repertoire will be studied and performed. This is a performance class, and students are expected to participate in all choral activities. Outside time is required. Activities will include school and community performances. The Classical Vocal Ensemble will represent the school at district and state levels in adjudicated festivals.

CONCERT CHOIR 1-2 (Advanced Mixed)	Meets the UC/CSU "F" requirement
Grade Level:	**10-12**
Prerequisite:	**Audition and Teacher Recommendation**
PHS:	**Fine Art**

Concert Choir is the third choir in the sequence of the choral program, following Beg. I and Beg. II. It is a large choir consisting of mixed voices (men and women) or men only or women only. Audition is necessary, and knowledge of music theory is absolutely necessary. Students will continue to develop as choral musicians and learn the skills necessary to audition for either Women's Ensemble or Classical Vocal Ensemble. This choir will participate in all concerts and festivals.

WOMEN'S ENSEMBLE	Meets the UC/CSU "F" requirement
Grade Level:	**10-12**
Prerequisite:	**Audition and Teacher Recommendation**
PHS:	**Fine Art**

Women's Ensemble is a course for advanced choral musicians through audition only. Advanced choral and vocal technique will be taught. Classical and traditional repertoire specifically written for women's voices will be studied and performed. This is a performance class and students are expected to participate in all choral activities. Outside time is required. Activities will include school and community performances. The Women's Ensemble will represent the school at district and state levels in adjudicated festivals.

CONCERT BAND	Meets the UC/CSU "F" requirement
Grade Level:	**9-12**
Prerequisite:	**Previous band experience**
PHS:	**Fine Art**

Concert Band is designed for instrumental musicians. This is a performance class, and students are expected to participate in all band activities. Activities will include concerts for the band as well as solo and ensemble festivals. This band represents the school at District and state levels in concert festivals. All students are required to be enrolled in Marching Physical Education first semester.

INSTRUMENTAL ENSEMBLE	Meets the UC/CSU "F" requirement
Grade Level:	**9-12**
Prerequisite:	**None**
PHS:	**Fine Art**

Instrumental Ensemble is a course for all levels of instrumental musicians. In the Fall Semester, the class is designed for marching band percussion students only. There are outside rehearsals coordinated with the fall session for percussion students. In the spring semester, small ensembles are encouraged, although solos may be prepared for the solo and ensemble festival held at two different locations in the county. The students may be required to participate in the solo and ensemble festival.

JAZZ ENSEMBLE 1-2	Meets the UC/CSU "F" requirement
Grade Level:	**9-12**
Prerequisite:	**None**
PHS:	**Fine Art**

Jazz Ensemble 1-2 is a course for advanced instrumental performers. Advanced Jazz techniques will be taught. Modern as well as traditional repertoire will be studied and performed. This is a performance class, and students are expected to participate in all Jazz Ensemble activities. Outside time is required. Activities will include school and community performances. The Jazz Ensemble will represent the school at District and State levels in adjudicated festivals.

MARCHING PHYSICAL EDUCATION	
Grade Level:	**9-12 (Fall Semester)**
Prerequisite:	**Concurrent enrollment in Band/Tall Flags**
PHS:	**Elective**

Marching Physical Education is designed to develop a well-coordinated and precise marching unit. Students will learn to prepare and execute marching, dance, and drill routines. All band members are required to take this course. NOTE: A total of fifteen credits in Marching Physical Education may be applied toward the Physical Education requirement.

ORCHESTRA (STRING ENSEMBLE) 1-2	Meets the UC/CSU "F" requirement
Grade Level:	**9-12**
Prerequisite:	**Previous experience playing an orchestral string instrument**
PHS:	**Fine Art**

Orchestra is designed for the stringed-instrument student who desires to play in a performing organization based upon orchestral instruments. The group will play a variety of string orchestra music and will perform at school concerts and at festivals.

SOUND PRODUCTION AND ENGINEERING 1-2	Meets the UC/CSU "F" requirement
Grade Level:	**10-12**
Prerequisite:	**Freshman English**
PHS:	**Fine Art**

Sound Production and Engineering is an introduction to basic Musical Instrument Digital Interface (MIDI) concepts, soundboards and recording devices, performance production and techniques. Topics include soundboard engineering, keyboard programming, sound modules, sequencing, and electronic music production. Students will also gain a working knowledge of the equipment, including computer equipment performances per year to help prepare for their recording experience. Students gain experience in mixing down and outputting source music projects by working with analog and digital mixing technology. Upon successful completion, students will earn PUSD Fine Arts elective credit.

WIND ENSEMBLE 1-2	Meets the UC/CSU "F" requirement
Grade Level:	**10-12**
Prerequisite:	**Concert Band**
PHS:	**Fine Art**

Wind Ensemble is a course for advanced instrumental musicians. This is a performance class, and students are expected to participate in all band activities. Some outside time is necessary. Activities will include concerts for the band and various festivals. The Wind Ensemble will represent the school at district and state levels in concert evaluations.

DRAMA 1	Meets the UC/CSU "F" requirement
Grade Level:	**9-12**
Prerequisite:	**None**
PHS:	**Fine Art**

Drama 1 is a survey course which includes many facets of dramatic activity. Included are basic story telling, voice and diction, reader's theater, pantomime, and improvisational exercises. The students will be requested to visit at least one selected rehearsal or performance of a school play each quarter.

DRAMA 2	Meets the UC/CSU "F" requirement
Grade Level:	**9-12**
Prerequisite:	**None**
PHS:	**Fine Art**

Drama 2 is a course in which students do creative exercises to illustrate characters and situations, as well as improvisational exercises. It is a beginning study of theater with in-depth looks at structure of theater and plays and more improvisations and pantomimes. Students will visit movies and plays and be able to write a critique of them. At least one basic scene and/or series of pantomimes must be presented. Also included is a study of the function of the playwright, the actor, the director, and the technicians. In addition, the students will study the written scripts of four genres: melodrama, comedy, farce, and modern drama.

DRAMA 3	Meets the UC/CSU "F" requirement
Grade Level:	**10-12**
Prerequisite:	**Drama 2 or Teacher Recommendation**
PHS:	**Fine Art**

Drama 3 is a course in play production. These courses include a detailed study of how plays are produced and directed. Included in the course is a study of the history of the theater and changes in writing and acting styles. Students are expected to perform scenes from classical literature after studying the influences of the various periods. In addition students are expected to perform in scenes from modern British and American dramatic literature, as well as to research a selected topic. Students will demonstrate an increased

attention to detail and are expected to select a semester project and carry it to culmination. Students are also expected to participate in our PHS Fall or Spring production.

DRAMA 4	Meets the UC/CSU "F" requirement
Grade Level:	**10-12**
Prerequisite:	**Drama 3 or Teacher Recommendation**
PHS:	**Fine Art**

Drama 4 is a course in play production. The course includes a detailed study of how plays are produced, cast, and directed. Students will act in scenes for other directors. A continuing study is made of theater history and additional styles and terminology. Students will begin to learn principles of directing and technical theater as well as produce a memorized semester project. This is a performance class. Students should participate in our Fall or Spring production. Drama may be used to meet the PHS fine arts requirement but not the PHS English requirement.

DRAMA 5	Meets the UC/CSU "F" requirement
Grade Level:	**11-12**
Prerequisite:	**Drama 4 or Teacher Recommendation**
PHS:	**Fine Art**

Drama 5 continues the application of the play direction techniques introduced in Drama 4. Students are expected to select a semester project and to carry it to culmination. Drama 5 is a course in which students do creative exercises to illustrate characters and situations, as well as improvisational exercises. It is a beginning study of theater with in-depth looks at structure of theater and plays and more improvisations and pantomimes. Students will visit movies and plays and be able to write a critique of them. At least one basic scene and/or series of pantomimes must be presented. Also included is a study of the function of the playwright, the actor, the director, and the technicians. In addition, the students will study the written scripts of four genres: melodrama, comedy, farce, and modern drama.

DRAMA 6	Meets the UC/CSU "F" requirement
Grade Level:	**11-12**
Prerequisite:	**Drama 5 or Teacher Recommendation**
PHS:	**Fine Art**

Drama 6 is a course in which students explore advanced methods and techniques of acting, interpretation, and direction. Students are expected to participate in classroom scenes. Students are expected to research an individually selected topic. Costuming and makeup are also to be covered in this course. This is essentially a director's laboratory/workshop and a performance class with scenes and projects. This course may strengthen students' expository writing skills. Emphasis will be placed on the multi-paragraph essay and on research, analysis, and writing about non-fiction. Developing advanced vocabulary skills will also be stressed.

DRAMA 7-8	Pending approval to meet the UC/CSU "F" requirement
Grade Level:	**11-12**
Prerequisite:	**Drama 6 or Teacher Recommendation**
PHS:	**Fine Art**

This course is intended for those students who are ready to make an in depth commitment to the study and performance of theatre. Students will continue to hone and expand their skills in performance, design, stagecraft and theatre management through the process of selecting and producing plays from a variety of theatre genres for public performance. This course has been approved to meet the UC "f" or "g" requirement.

TECHNICAL PRODUCTION FOR THEATER 1-2	Meets the UC/CSU "F" requirement
Grade Level:	**9-12**
Prerequisite:	**None**
PHS:	**Fine Art and Elective**

Technical Production for the Theater 1-2 is a course which covers the basics of set design and construction, lighting, costuming, sound, makeup, and stage management. Specifically, students will be expected to design, construct, and paint flats, to plan and draw a lighting plot for a play, to operate a lighting board, and to choose costume designs and colors for characters in a play. In addition, students will be expected to operate the equipment used in sound effects and musical background for a play, to plan and apply makeup for play characters, and to act as stage manager. This course does not apply to the English graduation requirements.

TECHNICAL PRODUCTION FOR THEATER 3-4	Meets the UC/CSU "F" or "G" requirement
Grade Level:	**10-12**
Prerequisite:	**Tech Production for Theater 1-2**
PHS:	**Fine Art and Elective**

Technical Production for the Theater 3-4 is a practical theater class which continues to build on knowledge, experience, and interest acquired in 1-2. Students will be able to perform the varied "behind the scenes" tasks at a level of expertness which would make them eligible for theater employment. This course does not apply to the English or Fine Arts graduation requirements but it has been approved to meet the UC "f" or "g" requirement.

THEATRE ARTS STUDY AND PERFORMANCE 7-8	Meets the UC/CSU "F" or "G" requirement
Grade Level:	**10-12**
Prerequisite:	**Teacher Recommendation**
PHS:	**Fine Art**

This course is intended for those students who are ready to make an in depth commitment to the study and performance of theatre. Students will continue to hone and expand their skills in performance, design, stagecraft and theatre management through the process of selecting and producing plays from a variety of theatre genres for public performance. This course has been approved to meet the UC "f" or "g" requirement.

PHYSICAL EDUCATION AND HEALTH

ADVANCED BASEBALL/ WEIGHT TRAINING	
Grade Level:	**10-12**
Prerequisite:	**Teacher Recommendation**
PHS:	**Physical Education**

Baseball is a course designed to teach students advanced techniques of baseball, to include hitting, pitching, fielding and strategy that are at an interscholastic level of play. Weight training, plyometrics, conditioning, and flexibility will all be involved.

ADVANCED BASKETBALL (Fall)/ WEIGHT TRAINING	
Grade Level:	**10-12**
Prerequisite:	**Teacher Recommendation**
PHS:	**Physical Education**

Advanced Basketball is a course designed to emphasize skills and techniques that are at an interscholastic level of play. Weight training, plyometrics, conditioning, and flexibility will all be involved in this course selection.

ADVANCED FOOTBALL/ WEIGHT TRAINING	
Grade Level:	**10-12**
Prerequisite:	**Teacher Recommendation**
PHS:	**Physical Education**

Advanced Football is designed to further the development of fundamental football skills. The following activities will be included: advanced weight training, plyometrics, advanced football strategies, plays and rules of the game. Physical fitness is stressed with testing in weight training, running, push-ups, sit-ups, and agility.

ADVANCED WRESTLING/ WEIGHT TRAINING	
Grade Level:	**10-12**
Prerequisite:	**Teacher Recommendation**
PHS:	**Physical Education**

Advanced Wrestling/ Weight Training is designed to further a beginning wrestler's skill level and physical strength to a much higher level. Major emphasis will be placed on the various techniques used in wrestling, as well as a higher degree of intensity when weight training. More intensive running will be included involving a higher degree of aerobic and anaerobic fitness.

AEROBIC DANCING	
Grade Level:	**10-12**
Prerequisite:	**None**
PHS:	**Physical Education**

Aerobic Dancing is a course in which students are taught basic dance movements, rhythmic fundamentals, and breathing methods. Objectives of the course include developing and improving cardiovascular fitness through dance, developing flexibility, and relating the fundamentals of music to body movement and dance.

AEROBICS / WEIGHT TRAINING	
Grade Level:	**10-12**
Prerequisite:	**None**
PHS:	**Physical Education**

Aerobics/Weight Training is a course in which students are taught basic dance movements, rhythmic fundamentals, breathing methods while involved in the isotonic type of weight training. Exercises which students perform on the universal weight machine include bench press, military press, upright rowing, lat pull, leg press, bar dips, and leg extension. Free weight exercises include bench press, toe raises, curls, military press, and back squats. Objectives of the course also include developing and improving cardiovascular fitness through dance, developing flexibility, and relating the fundamentals of music to body movement and dance.

BEGINNING BASKETBALL	
Grade Level:	**10-12**
Prerequisite:	**None**
PHS:	**Physical Education**

Beginning Basketball is a course designed to improve elementary skills, fundamentals and techniques. Students who successfully complete this class should be able to compete at an intermediate level of play. Students will participate in fitness activities, testing, and a variety of fun game activities.

FIELD SPORTS 1-2	
Grade Level:	**10-12**
Prerequisite:	**None**
PHS:	**Physical Education**

Students will understand, participate, and teach the advanced principles of training and competition for Field Sports that include football, soccer, and speedball. Areas of study will include understanding and execution of advanced offensive and defensive strategies, development of appropriate training practices, application of dynamic scientific principles, sports psychology, optimal nutritional habits, application and modification of rules of the game, officiating, tournament facilitation, and coaching.

FRESHMAN PHYSICAL EDUCATION 1-2	
Grade Level:	**9**
Prerequisite:	**None**
PHS:	**Physical Education**

Freshman P.E. is designed for freshman students to introduce them to physical education at the high school level. Students are required to take two semesters of freshmen PE and will rotate through 3 six-week groups each semester. During the freshman year the students will be exposed to different activities, which include the following: weight training, basketball, wrestling, racquetball, swimming, softball, soccer, track & field. Students will also participate in fitness activities, testing, and a variety of fun game activities.

HEALTH SCIENCE	
Grade Level:	**9-12**
Prerequisite:	**None**
PHS:	**Health**

Health Science presents a thorough study of modern people, major mental and physical health problems, and means for their control and/or prevention. Topics include infectious and chronic diseases, CPR/First aid, sex education, nutrition/fitness, mental health, and substance abuse. Students will also receive instruction in developing good study skills.

MARCHING PHYSICAL EDUCATION	
Grade Level:	**9-12 (Fall Semester)**
Prerequisite:	**Concurrent enrollment in Band/Tall Flags**
PHS:	**Elective**

Marching Physical Education is designed to develop a well-coordinated and precise marching unit. Students will learn to prepare and execute marching, dance, and drill routines. All band members are required to take this course. NOTE: A total of fifteen credits in Marching Physical Education may be applied toward the Physical Education requirement.

OFF CAMPUS INDEPENDENT STUDY/P.E.	
Grade Level:	**9-12**
Prerequisite:	District Approval: Admission to the program is granted after an extensive written application process during the semester prior to enrollment. Admission and other program deadlines must be adhered to.
PHS:	**Physical Education**

O.C.I.S./Physical Education is available to students who are participating in an approved preparation program for national amateur competition in swimming, ice skating, gymnastics, tennis or dance. Students must be practicing at least 15 hours per week under the direct supervision of a certified coach and must be participating in regional, state, or national

competition during the semester of enrollment. Hours of participation in Poway High School's athletic program cannot be used toward the O.C.I.S. PE program.

RACQUET SPORTS 1-2	
Grade Level:	**10-12**
Prerequisite:	**None**
PHS:	**Physical Education**

Students will understand, participate, and teach the advanced principles of training and competition for Racquet Sports that include tennis, racquetball, and badminton. Areas of study will include understanding and execution of advanced offensive and defensive strategies, development of appropriate training practices, application of dynamic scientific principles, sports psychology, optimal nutritional habits, application and modification of rules of the game, officiating, tournament facilitation, and coaching.

WEIGHT TRAINING	
Grade Level:	**10-12**
Prerequisite:	**None**
PHS:	**Physical Education**

Weight Training is a course in which students are involved in the isotonic type of weight training, running, plyometrics, stretching, and cross training. The isotonic weight lifting will be performed both on the universal weight machine and free weights. Students will participate in fitness activities, testing, and a variety of fun activities.

SCIENCE

ADVANCED PLACEMENT BIOLOGY 3-4	Meets the UC/CSU "D" requirement
Grade Level:	**11-12**
Prerequisite:	**Grade of B or better in Biology, C or better in Chemistry or B or better in Geoscience, Completion of summer assignment**
PHS	**Life Science**

Advanced Placement Biology 3-4 is planned to meet the objectives of a general biology course on the college level. Topics covered include the chemical basis of biology, cells, their specialization and reproduction, energy transformation, heredity and genetics, the origin of life, the structure and function in higher plants and in animals, behavior and its basis in heredity and biochemistry, evolution, and ecology.

ADVANCED PLACEMENT BIOLOGY 3-4 SEMINAR	
Grade Level:	**10-12**
Prerequisite:	**Recommended completion of AP Biology 3-4**
PHS	**Elective**

AP Biology Seminar is an extension of AP Biology and is intended to provide the content knowledge and skills required in an introductory Biology course at the university level. Primary emphasis in the course is on developing an understanding of concepts rather than on memorizing terms and technical details. Essential to this conceptual understanding are the following: a grasp of science as a process rather than as an accumulation of facts; personal experience in scientific inquiry; recognition of unifying themes that integrate the major topics of biology; and application of biological knowledge and critical thinking to environmental and social concerns. In addition, it will provide students with a deeper understanding of the key foundational ideas and concepts from the core academic area of study in biology and expand their skill in applying this content knowledge to a variety of lab experiences.

ADVANCED PLACEMENT CHEMISTRY 3-4	Meets the UC/CSU "D" requirement
Grade Level:	**11-12**
Prerequisite:	**Grade of B or better in Chemistry 1-2, grade of B or better in Algebra 3-4 and concurrent enrollment in Pre-Calculus 1-2 or Honors Pre-Calculus**
PHS:	**Physical Science**

Chemistry 3-4 is an advanced placement course, college freshman level, which continues the students' study of chemistry with additional qualitative and quantitative study. There is a greater reliance and emphasis on quantitative study and the use of electronic equipment to gather data. This course has been approved to meet the UC “d” requirement.

ADVANCED PLACEMENT CHEMISTRY 3-4 SEMINAR	
Grade Level:	**11-12**
Prerequisite:	**Recommended completion of AP Chemistry 3-4**
PHS:	**Elective**

AP Chemistry Seminar will serve as the culminating semester for the previous two semesters of AP Chemistry. This course continues to support students in preparation for the AP Exam and extends learning for college readiness. The course provides additional opportunities for laboratory experience in the core content areas and extends the core curriculum to include applications of organic chemistry and electrochemistry.

ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE 1-2	Meets the UC/CSU "D" requirement
Grade Level:	**10-12**
Prerequisite:	**Grade of C or better in Biology 1-2 and Chemistry 1-2**
PHS:	**Physical Science**

AP Environmental Science is a course which will provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. Students will identify and analyze environmental problems, both natural and man-made, and evaluate the relative risks associated with these problems. Students will also examine alternative solutions for resolving and/or preventing these problems. This course has been aligned to College Board Guidelines for Advanced Placement Environmental Science.

ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE 1-2 SEMINAR	
Grade Level:	**10-12**
Prerequisite:	**Recommended completion of AP Environmental Science 1-2**
PHS:	**Elective**

Seminar for AP Environmental Science will serve as the culminating semester for the previous two semesters of AP Environmental Science. This course continues to support students in preparation for the AP Exam and extended learning for college readiness. The course provides additional opportunities for laboratory experience in the core content areas and extends the core curriculum to include a deeper understanding in the areas of local air and water pollution.

ADVANCED PLACEMENT PHYSICS C: MECHANICS	Meets the UC/CSU "D" requirement
Grade Level:	**11-12**
Prerequisite:	**Concurrent enrollment in Honors Pre-Calculus, Calculus strongly recommended**
PHS:	**Physical Science**

Advanced Placement Physics C 1A-1B course forms the first part of the college sequence that serves as the foundation in physics for college physics students. The topic of mechanics will be the emphasis of the course; however, other related topics may be covered. Strong emphasis is placed on laboratory experience and problem solving.

ADVANCED PLACEMENT PHYSICS C: MECHANICS SEMINAR	
Grade Level:	**11-12**
Prerequisite:	**Recommended completion of AP Physics C: Mechanics**
PHS:	**Elective**

AP Physics (C) Mechanics Seminar extends the study of mechanics as it is manifested in the form of waves. The characteristics and behaviors of waves will be the underlying principles upon which laboratory investigations are based. The course provides additional opportunities for laboratory experiences in the core content areas of mechanics and extends the core curriculum to include content selected from the following topics: sound, fluid mechanics, and special relativity. This course extends learning that supports college-level literacy in the sciences.

BIOLOGY 1-2	Meets the UC/CSU "D" requirement
Grade Level:	**9-12**
Prerequisite:	**Concurrent enrollment in HS English 1**
PHS:	**Life Science**

Biology 1-2 is a study of living things, starting with the cell and one-celled organisms through representatives of the animal and plant kingdoms. With the aid of laboratory exercises, students will learn how organisms perform all life functions and how they interrelate.

BIOLOGY AND SUSTAINABLE AGRICULTURE	Meets the UC/CSU “D” requirement
Grade Level:	**9-12**
Prerequisite:	**Recommended completion of Agricultural Science 1-2**
PHS:	**Life Science**

This one year course, organized into four major units integrates biological science practices and knowledge into the practice of sustainable agriculture. Within each unit of study, specific life science principles integrate with agricultural principles, as students gain knowledge of how the two disciplines inform each other, culminating in the development of a sustainable farm model and portfolio of supporting student research. This course will replace the Agricultural Biology course (000705-000706) and will meet the PUSD Life Science requirement for high school graduation

CHEMISTRY 1-2	Meets the UC/CSU "D" requirement
Grade Level:	**10-12**
Prerequisite:	**Grade of B or better in Biology, Concurrent enrollment in Integrated Math II or above.**
PHS:	**Physical Science**

Chemistry 1-2 is a rigorous, in-depth introduction to the fundamental principles, concepts, and techniques of chemistry, using a problem-solving approach. It is designed for college-bound students who have completed a year of college prep science and mathematics.

CHEMISTRY AND AGRISCIENCE	Meets the UC/CSU "D" requirement
Grade Level:	**10-12**
Prerequisite:	**Concurrent enrollment in another Agricultural pathway course or prior completion of any Agricultural course. Concurrent or prior completion of Integrated Math II**
PHS:	**Physical Science**

This course explores the physical and chemical nature of soil as well as the relationships between soil, plants, animals and agricultural practices. Students will examine properties of soil and land and their connections to plant and animal production. Using knowledge of scientific protocols as well as course content, students will develop an Agriscience research program to be conducted throughout the first semester of the course. Additionally, students will develop and present a capstone soil management plan for agricultural producers, using the content learned throughout the course. This course will be offered pending PUSD Board approval. Upon Board approval this course will be submitted to UC for "d" credit. Students who successfully complete the course will earn PUSD Physical Science credit.

FUNDAMENTALS OF PHYSICS AND CHEMISTRY 1-2	
Grade Level:	**10-12**
Recommendation:	**Concurrent enrollment in Int Math II or higher- 1st trimester course meant to bridge students into Chemistry 1-2 or Physics 1-2 in the following trimesters**
PHS:	**Elective**

Fundamentals of Physics and Chemistry 1-2 is a college preparatory elective science course. Using a strictly computational and mathematical approach, the course has embedded state standards into key topics of high school physics and chemistry including projectiles, free fall, momentum, energy, electricity/magnetism, circuits, spectral analysis, heat transfer, solution chemistry, bonding, and chemical reactions. The key component of the course is the extensive review and constant use of the necessary computational and mathematical skills essential for the study of these topics. These skills include constant graphical and mathematical modeling of experimental data, on-going review of scientific notation, slope, ratios, unit conversions, etc. The use of technical reading and writing runs throughout the course. Fundamentals of Physics and

Chemistry 1-2 is designed to make high school chemistry and physics courses accessible as well as provide a solid coverage of topics in the physical sciences.

GEOSCIENCE 1-2	Meets the UC/CSU "G" requirement
Grade Level:	**10-12**
Prerequisite:	**Biology 1-2**
PHS:	**Physical Science**

Geoscience 1-2 is a one-year college preparatory lab course that explores the characteristics, formation, and processes that occur on and within the Earth, the atmosphere, and our universe. Course topics utilize core concepts of chemistry and physics as listed within the PUSD physical science essential learning. There is a strong emphasis on algebra-based qualitative and quantitative laboratory activities, which include internet-based research and study. This course is designed to emphasize skills necessary for success in Chemistry 1-2 and AP Environmental Science.

HONORS BIOLOGY 1-2	Meets the UC/CSU "D" requirement
Grade Level:	**9**
Prerequisite:	**Concurrent enrollment in HS English 1**
PHS:	**Life Science**

Honors Biology 1-2 is a rigorous, accelerated laboratory science course which focuses on investigating major biological concepts. In addition, emphasis will be placed on the study of chemistry, physics, and statistical analysis as applied to biological systems, genetics, evolution, ecology, and physiological processes in organisms. The course is open to college-preparatory students who have demonstrated exceptional ability in science.

HUMAN BIOLOGY 1-2	Meets the UC/CSU "D" requirement
Grade Level:	**11-12**
Prerequisites:	**Grade of C or better in Biology, Chemistry recommended**
PHS:	**Life Science**

Human Biology provides an introduction to physiology and anatomy of the human body. Major organ systems that will be investigated include nervous, immune, digestive, endocrine, etc. Contemporary scientific issues affecting biology will be integrated into course curriculum. Topics may include DNA's role in behavior, the ethics of cloning and fetal tissue research, cancer and other diseases. This course is designed to support students interested in health-related careers.

PHYSICS 1-2	Meets the UC/CSU "D" requirement
Grade Level:	**10-12**
Prerequisite:	**Concurrent enrollment in Integrated Math III or above**
PHS:	**Physical Science**

Physics 1-2 is an algebra based college preparatory course covering fundamental principles of matter and energy. The primary unit topics include mechanics, sound and light waves, electricity, magnetism and thermodynamics. Emphasis is placed on quantitative analysis of data collected in laboratory exercises, and applied problem solving. Students will be required to complete quarterly field exercises dealing with the application of academic concepts to the real world. A working knowledge of basic algebra, geometry, and trigonometry is strongly recommended.

ZOOLOGY 1-2	Meets the UC/CSU "D" requirement
Grade Level:	**10-12**
Prerequisite:	**none**
PHS:	**Life Science**

Zoology 1-2 is a more in-depth study of the animal kingdom than is possible in Biology 1-2. Each of ten major animal groups (phyla) will be studied starting with sponges and ending with mammals. Many aspects of their anatomy, physiology, and natural history will be covered in lecture and weekly laboratories. Field work emphasizing their ecology will be done whenever possible.

SOCIAL SCIENCE

ADVANCED PLACEMENT EUROPEAN HISTORY	Meets the UC/CSU "A" requirement
Grade Level:	**10**
Prerequisite:	**Grade of B or higher in H.S. English 1-2 or Teacher Recommendation**
PHS:	**World History**

European History 1-2 (Advanced Placement) is a two-semester course addressing the economic, political, and cultural forces in Western civilization from the mid-Fifteenth (Renaissance) to the Twentieth Century. This is considered a college level course. The rigorous course material is approached thematically. This course meets the World History requirement for high school graduation. Students taking this course may take the Advanced Placement exam in European History.

ADVANCED PLACEMENT EUROPEAN HISTORY SEMINAR	
Grade Level:	**10**
Prerequisite:	**Recommended completion of AP European History 1-2**
PHS:	**Elective**

AP European History Seminar is a one trimester class. The course will allow students to refine their understanding of and writing skills in the Social Sciences. AP European History Seminar will further expose students to the issues of evidence, interpretation, methodology, and critique in social science research, applying these skills to an independent, long-range project. Academic research methods and techniques specific to the Social Science will also be included.

ADVANCED PLACEMENT U.S. GOVERNMENT & POLITICS 1-2	Meets the UC/CSU "A" requirement
Grade Level:	**12**
Prerequisite:	**Grade of B or higher in U.S. History or AP U.S. History or Teacher Recommendation**
PHS:	**Civics/Econ**

U.S. Government & Economics (Advanced Placement) is designed to give students a critical perspective on government, politics, and economics in the United States. The class involves both the study of general concepts used to interpret American governmental, political, and economic systems and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that make up the American political reality. This course is intended to prepare students who wish to take the Advanced Placement Examination in U.S. Government and Politics.

ADVANCED PLACEMENT U.S. GOVERNMENT & POLITICS 1-2 SEMINAR	
Grade Level:	**12**
Prerequisite:	**Recommended completion of AP U.S. Government and Politics 1-2**
PHS:	**Elective**

AP US Government Seminar is a one trimester class. The course will begin with an in-depth analysis of civil liberties and civil rights. After that, the emphasis will be on extending the content, knowledge, and skills that were introduced in the prerequisite courses. This course will also introduce students to career options and investment strategies.

ADVANCED PLACEMENT U.S. HISTORY 1-2	Meets the UC/CSU "A" requirement
Grade Level:	**11**
Prerequisite:	**Grade of B or better in H.S. English 3-4 or Grade of B or better in World History 1-2 or AP European Civilization or Teacher Recommendation**
PHS:	**US History**

U.S. History (Advanced Placement) 1-2 is an advanced course taught at the college level. It is designed for students who wish to take the Advanced Placement Examination, administered by Educational Testing Service, in the spring. Those passing the A.P. exam at a high level usually can receive college credit and a waiver of the college U.S. History requirement. The course emphasizes extensive reading, research and problem solving, writing, historiography, and historical knowledge.

ADVANCED PLACEMENT U.S. HISTORY 1-2 SEMINAR	
Grade Level:	**11**
Prerequisite:	**Recommended completion of AP U.S. History 1-2**
PHS:	**Elective**

AP US History Seminar is a one trimester class which will allow students to refine their understanding of and writing skills in the Social Sciences as well as explore topics and concepts relevant to the United States in the global community of the 21st century. Academic research methods and techniques specific to Social Science will also be included.

CIVICS	Meets the UC/CSU "A" requirement
Grade Level:	**12**
Prerequisite:	**None**
PHS:	**Civics**

Civics surveys the origins of our federal, state and local governments and studies their structure, function, theory and process. It promotes citizenship skill building by serving the community in an "outside project" and prepares students for the political and social arenas of the future. This is a practical course applying knowledge toward voting, jury duty and rights and privileges of community participation. Must be taken in 12th grade only.

ECONOMICS	Meets the UC/CSU "G" requirement
Grade Level:	**12**
Prerequisite:	**None**
PHS:	**Economics**

Economics is a course in which students will deepen their understanding of the economic problems and institutions of the nation and world in which they live. They will learn to make reasoned decisions on economic issues as citizens, workers, consumers, business owners and managers. Primarily a course in social science, economics enriches students' understanding of the operations and institutions of economic systems, rather than a course in household or business management or budgeting. The course will deal with the following areas: 1) fundamental concept (e.g., scarcity); 2) comparative economic systems (Capitalism, Communism, Socialism, etc.); 3) macroeconomics (supply and demand, forms of competition, monetary policy, etc.) 4) international economic concepts (e.g., comparative and absolute advantage, international trade, etc.).

LAW IN ACTION	Meets the UC/CSU "G" requirement
Grade Level:	**10-12**
Prerequisite:	**Sociology**
PHS:	**Elective**

Law in Action is a practical, participatory education about law, democracy, and human rights. A course that is a blend of content and methodology that uses techniques which promote cooperative learning, critical thinking, and the ability to participate in a democratic society. The curriculum promotes knowledge of legal rights and responsibilities, engagement in the democratic process, and belief in the rule of law. This course's approach to law related education is to provide practical information and problem solving opportunities that develop in students the knowledge and skills necessary for survival in our law-saturated society. This course has been approved to meet the UC "g" requirement.

WORLD HISTORY 1-2	Meets the UC/CSU "A" requirement
Grade Level:	**10**
Prerequisite:	**None**
PHS:	**World History**

Students in World History study major turning points that shaped the modern world, from the late eighteenth century through the present, including the cause and course of both World Wars and the Cold War period. Students also develop an understanding of current world issues and relate them to their historical, geographic, political, economic, and culture (art, music, literature) contents. Students consider multiple accounts of events in order to understand international relations from a variety of perspectives. The standards for the year-long course are taught and learned through eight major themes sequenced chronologically. Competency-based educational objectives will be in compliance with California State Model Curriculum Standards.

U.S. HISTORY 1-2	Meets the UC/CSU "A" requirement
Grade Level:	**11**
Prerequisite:	**None**
PHS:	**US History**

U.S. History 1-2 is a two-semester course in which students examine the economic, social, and political development of the United States, concentrating primarily on the twentieth century. During the year certain themes will be emphasized: the expanding role of the federal government and federal courts; the continuing tension between the individual and the state; the emergence of a modern corporate economy; the impact of technology on American society and culture; change in the ethnic composition of American society; the movements toward equal rights for racial minorities and women; and the role of the United States as a major world power. Throughout the course students will explore American culture, literature, the arts, and the mass media. Students will demonstrate competency in questioning, critical thinking, research, and writing as it applies to the discipline of history. Competency-based educational objectives will be in compliance with California State Model Curriculum Standards.

WORLD LANGUAGE

FRENCH 1-2	Meets the UC/CSU "E" requirement
Grade Level:	**9-12**
Prerequisite:	**Strong basic skills**
PHS:	**Foreign Language**

French 1-2 is a beginning course that develops the four communication skills of listening, speaking, reading, and writing with basic vocabulary, grammar, and idiomatic expressions. Individual and group oral and written exercises provide practice to develop these skills.

FRENCH 3-4	Meets the UC/CSU "E" requirement
Grade Level:	**9-12**
Prerequisite:	**French 1-2**
PHS:	**Foreign Language**

French 3-4 is an intermediate course designed to further develop the four communication skills of listening, speaking, reading, and writing with an increased vocabulary, more complicated grammatical structures, and idiomatic expressions.

FRENCH 5-6	Meets the UC/CSU "E" requirement
Grade Level:	**10-12**
Prerequisite:	**French 3-4**
PHS:	**Foreign Language**

French 5-6 prepares the student for more advanced work in French structure, communication, and competency. Reading and writing practice is more extensive. The creative ability to use the language orally and in writing is stressed.

HONORS FRENCH 7-8	Pending approval to meet the UC/CSU "E" requirement
Grade Level:	**10-12**
Prerequisite:	**French 35-6**
PHS:	**Foreign Language**

Honors French 7-8 prepares the student for more advanced work in French structure, communication, and competency. Reading and writing practice is more extensive. The creative ability to use the language orally and in writing is stressed.

ADVANCED PLACEMENT FRENCH 7-8	Meets the UC/CSU "E" requirement
Grade Level:	**10-12**
Prerequisite:	**Grade of B or better in French 5-6 & Teacher Recommendation**
PHS:	**Foreign Language**

This course prepares the student for college level work and the Advanced Placement Exam. Extensive reading, writing, speaking and listening increase the student's mastery of the language and preparation for the AP Exam.

GERMAN 1-2	Meets the UC/CSU "E" requirement
Grade Level:	**9-12**
Prerequisite:	**Strong basic skills**
PHS:	**Foreign Language**

German 1-2 is a beginning class that teaches basic understanding, speaking, and writing in German. Daily life and culture are also studied.

GERMAN 3-4	Meets the UC/CSU "E" requirement
Grade Level:	**10-12**
Prerequisite:	**Strong basic skills** **Grade of C or better in German 1-2**
PHS:	**Foreign Language**

German 3-4 builds on what has been learned in German 1-2. It introduces more advanced patterns, requires more speaking, and enables the student to read and understand written texts.

GERMAN 5-6	Meets the UC/CSU "E" requirement
Grade Level:	**10-12**
Prerequisite:	**Strong basic skills** **Grade of C or better in German 3-4**
PHS:	**Foreign Language**

German 5-6 covers the basic language structures of German. It refines pronunciation and increases listening and speaking skills. Reading unsimplified texts is a major part of the course.

GERMAN 7	Pending approval to meet the UC/CSU "E" requirement
Grade Level:	**10-12**
Prerequisite:	**Strong basic skills** **Grade of C or better in German 5-6**
PHS:	**Foreign Language**

German 7 builds on the three prior years of German instruction. Students further their language competency in the areas of reading, writing, listening and speaking and express

themselves in such forms as journal and essay writing, interpersonal communication, and presentational speaking. Through the study of themes like family and relationships, the environment, media and fairy tales, innovations and the arts, the future and professions and politics and government, students improve their language accuracy and sophistication of expression while reinforcing and expanding prior language skills. Students learn about these topics through a wide range of mostly authentic sources such as videos, blogs, movies, songs, short stories, newspaper and magazine articles, infographics, etc. This course will be offered pending PUSD Board approval. Upon Board approval this course will be submitted to UC for "e" credit. Students who successfully complete this course will earn World Language credit.

ADVANCED PLACEMENT GERMAN 1-2	Meets the UC/CSU "E" requirement
Grade Level:	**11-12**
Prerequisite:	**Strong basic skills** **Grade of B or better in German 5-6**
PHS:	**Foreign Language**

German 7-8 prepares the student for the AP exam. This course is a review of German language patterns. It includes intensive writing, speaking, and listening exercises. In addition, current social, economic and lifestyle trends are investigated using newspapers, books, films, computers and native speakers. Students should be highly motivated and be able to work independently. Most universities award course credits for a grade of 3 or better on the AP exam.

ADVANCED PLACEMENT GERMAN SEMINAR	
Grade Level:	**11-12**
Prerequisite:	**Recommended enrollment in AP German 1-2**
PHS:	**Elective**

The focus of AP German Language Seminar is to further develop a student's ability to speak, read, and understand the German language and to interact with people from German cultures. The course is conducted in the target language. Selected literary works, including texts, prose, and poetry, plus authentic materials, will be read and analyzed through student discussion, questioning, and theme-based writing. To increase students' proficiency in the German language, the course offers vocabulary development combined with new grammar constructions including subjunctive, passive voice, and complex sentence structure. Topics will include current events, environmental issues, political and historical texts, and expansion of the topics included in the AP German curriculum: the home, health, tourism, past times, conditional statements, and education.

SPANISH 1-2	Meets the UC/CSU "E" requirement
Grade Level:	**9-12**
Prerequisite:	**Strong basic skills, strong study skills**
PHS:	**Foreign Language**

Spanish 1-2 is a beginning course that develops the four communication skills of listening, speaking, reading, and writing with basic vocabulary, grammar, and idiomatic expressions. Oral and written exercises, both individually and in groups, provide practice to develop these skills.

SPANISH 3-4	Meets the UC/CSU "E" requirement
Grade Level:	**9-12**
Prerequisite:	**Grade of C or better in Spanish 1-2**
PHS:	**Foreign Language**

Spanish 3-4 is designed to further develop the four communication skills of listening, speaking, reading, and writing with basic vocabulary, grammar, and idiomatic expressions. Students will increase their vocabulary and ability to use it in progressively more complicated structures, reinforcing their ability to use previously learned material. Individual and group oral and written exercises help increase the creative ability to use the language.

SPANISH 5-6	Meets the UC/CSU "E" requirement
Grade Level:	**10-12**
Prerequisite:	**Grade of C+ or better in Spanish 3-4**
PHS:	**Foreign Language**

Spanish 5-6 prepares the student for the more advanced structures and communication activities required at the college level. Reading and writing practice is more extensive. The creative ability to use the language orally and in writing is stressed.

SPANISH 7-8	Meets the UC/CSU "E" requirement
Grade Level:	**10-12**
Prerequisite:	**Grade of C+ or better in Spanish 5-6**
PHS:	**Foreign Language**

Spanish 7-8 continues to expand the creative ability to use the language orally and in writing. Emphasis is on improving competency in listening, speaking, reading, and writing. Listening comprehension exercises and tests focus on unrestricted language, that is, language not tailored specifically to the textbook. Particularly in Spanish 7, new conventions to be learned focus on compound tenses (e.g. I have gone, I had gone, I will have gone), Conditional and Conditional Perfect (I would go, I would have gone), and new Subjunctive forms to include Present Perfect, Imperfect, and Past Perfect. Readings will be from textbook and outside readings consisting of selected short stories in Spanish. Students are expected to use the language in all classroom activities, including general discussions and discussions of readings. This class is **NOT** for those students uncomfortable with the exclusive use of the language.

HONORS SPANISH 8	Pending approval to meet the UC/CSU "E" requirement
Grade Level:	**10-12**
Prerequisite:	**Grade of B+ or better in Spanish 5-6 and Teacher Recommendation**
PHS:	**Foreign Language**

This course prepares the student for the more advanced structures and communication activities required at the college level. The four communication skills of listening, speaking, reading, and writing with basic vocabulary, grammar, and idiomatic expressions are practiced more extensively. Students will increase their vocabulary and ability to use it in progressively more complicated structures, reinforcing their ability to use previously learned material. Oral and written exercises, both individually and in groups, provide practice to develop these skills. This course will provide more in-depth study, activities and opportunities of creative use of language. Students are exposed to various aspects of Hispanic history and culture. This course prepares students for the AP Language course.

ADVANCED PLACEMENT SPANISH LANGUAGE 1-2	Meets the UC/CSU "E" requirement
Grade Level:	**9-12**
Prerequisite:	**Grade of B or better in Spanish 5-6 Honors or Spanish 7-8 Teacher Recommendation and/or Testing**
PHS:	**Foreign Language**

Advanced Placement Spanish Language refines the skills required for advanced work equivalent to a third year college level course and for the AP Language examination. Extensive reading, writing, and speaking practice increases the competency level to that required on the AP examination. Selected literary works are analyzed.

ADVANCED PLACEMENT SPANISH LANGUAGE 1-2 SEMINAR	
Grade Level:	**11-12**
Prerequisite:	**AP Spanish Language 1-2**
PHS:	**Elective**

The focus of AP Spanish Language Seminar is to continue to develop a student's ability to speak, read, write, and understand increasingly complex levels of the Spanish language and to function with people of Spanish cultures. The course is conducted in the target language. Selected literary works, including texts, prose, and poetry, plus authentic materials, will be read and analyzed through student discussion, questioning, and theme-based writing. The course offers vocabulary development combined with grammar instruction to increase students' proficiency in the Spanish language. Themes will include current events specific to commerce and mankind, and an expansion of the themes included during AP Spanish: the home, health, the environment, tourism, pastimes, sports, and education. This course continues to support students in preparation for future Spanish experiences and extends learning for college readiness. Selected literary works will be analyzed through student discussion and theme-based writing. This course will emphasize literature, i.e., Pablo Neruda poetry, Carlos Fuentes short stories, and other selections from Latin American authors from Abriendo Puertas: Anthology.

Additionally, the course will emphasize film and art appreciation to include the genre of magical realism.

ADVANCED PLACEMENT SPANISH LITERATURE 1-2	Meets the UC/CSU "E" requirement
Grade Level:	**11-12**
Prerequisite:	**Grade of B or better in AP Spanish Language or Spanish 7-8** **Teacher Recommendation and/or Testing**
PHS:	**Foreign Language**

Advanced Placement Spanish Literature is a college-level advanced Spanish course designed to prepare students to take the Advanced Placement Spanish Literature examination. The course presents examples of literary development from the Hispanic world, acquainting students with various genres, themes, and styles of authors designated by the College Board. Emphasis will be placed on the reading of individual literary works. In addition, the four skills of language will be emphasized: listening, speaking, reading, and writing. Students will be expected to discuss the literature, interpret themes, and make comparative analyses of the literature in writing. The main elements of literature will be included in this course.

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