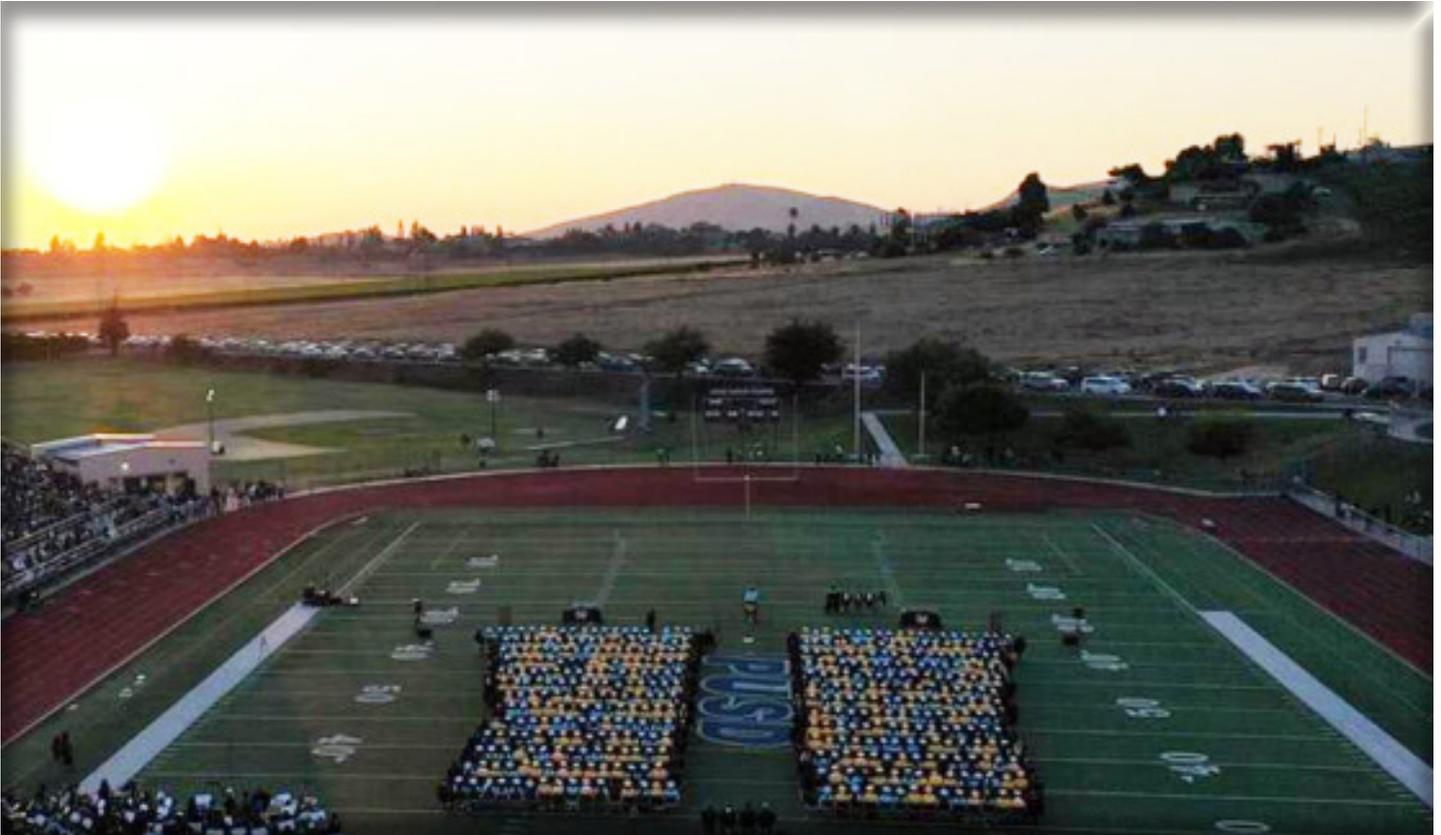




Porterville Unified School District  
*Creating Opportunities: Changing Lives*

## **Porterville Unified School District** **Creating Opportunities: Changing Lives**



## **2022-2023** **High School Course Catalog**

**Includes classes for**  
**Butterfield Charter School, Citrus High School,**  
**Granite Hills High School, Monache High School, Porterville High School,**  
**Porterville Military Academy, Strathmore High School, Harmony Magnet Academy**  
**and PUSD Pathways**

## DISTRICT INFORMATION

### **BUTTERFIELD CHARTER SCHOOL**



900 W Pioneer Avenue  
Director: Jonathan Farley  
Office: 782-7057

<http://butterfield.portervilleschools.org>

### **CITRUS HIGH SCHOOL**



261 East Mulberry Avenue  
Principal: Apolinar Marroquin  
Office: 782-7130

<http://citrus.portervilleschools.org>

### **GRANITE HILLS HIGH SCHOOL**



1701 East Putnam Avenue  
Principal: Jacob Bowser  
Office: 782-7075  
Guidance Office: 782-7088

<http://granitehills.portervilleschools.org>

### **HARMONY MAGNET ACADEMY**



19429 Avenue 228  
Strathmore 93267  
Principal: Jeff Brown  
Principal's Office: 568-0347  
Guidance Office: 568-0347

<http://harmony.portervilleschools.org>

### **MONACHE HIGH SCHOOL**



960 North Newcomb Street  
Principal: Eric Barba  
Principal's Office: 793-3896  
Guidance Office: 793-3876

<http://monache.portervilleschools.org>

### **PORTERVILLE HIGH SCHOOL**



465 West Olive Avenue  
Principal: Jose Valdez  
Principal's Office: 793-3498  
Guidance Office: 793-3483

<http://porterville.portervilleschools.org>

### **PORTERVILLE MILITARY ACADEMY**



**PORTERVILLE**  
MILITARY ACADEMY

900 W Pioneer Ave  
Porterville 93257  
Principal: Doug Ihmels  
Principal's Office: 782-7300

<http://pma.portervilleschools.org>

### **STRATHMORE HIGH SCHOOL**



22568 Avenue 196  
Strathmore 93267  
Principal: Diane Rankin  
Principal's Office: 568-1731  
Guidance Office: 568-1731

<http://strathmore.portervilleschools.org>

# TABLE OF CONTENTS

## PORTERVILLE UNIFIED SCHOOLS DISTRICT OFFICE

600 W. Grand Avenue  
Superintendent: Nate Nelson, Ed. D.  
District Office: 793-2400

District Web Site: <http://www.portervilleschools.org>

### General Information

Graduation Requirements.....	2-3
College Planning .....	4-5
College Entrance Examinations .....	4-5
Eligibility in the Local Context .....	4-5
College Entrance Requirements .....	6-9
NCAA.....	6-9
Early Assessment Program .....	6-9
Academic Letter/Lamp of Knowledge.....	10
California Scholarship Federation Semester Membership .....	10
Valedictorian Requirements .....	11
Advanced Placement and Honors Program .....	11
Seal of Bi-literacy .....	12
Commencement Ceremony Requirements .....	13
Mid-Term Graduation.....	13
Athletic/Extra Curricular Activities.....	14
Physical Education Exemption .....	14
Criteria for Student Assistant.....	14
Criteria for Unscheduled Period .....	14
English Language Learner Support.....	15
Statement of Non-Discrimination.....	15

### Courses

Agriculture .....	16-20
Business/Computer Science .....	21-22
English/English Language Development (ELD).....	23-27
Foreign Language .....	28-30
Health .....	31
Home Economics and Child Development.....	32-33
Mathematics .....	34-37
Physical Education .....	38-40
Science.....	41-43
Social Science .....	44-47
Special Education.....	48-49
Trades and Industry.....	50-52
Visual and Performing Arts (Art, Dance, Drama, Music) .....	53-59
Miscellaneous.....	60-65
Butterfield and Alternative Education.....	66
Pathways.....	68-117
Porterville Military Academy .....	101-104
Harmony Magnet Academy.....	105-114

## Credit Requirements for High School Diploma

**Commencing with the graduation class of 2023 students must complete FAFSA/Kada application assembly regardless of post secondary plans as per AB 132**

SUBJECT	Credits Required
<p><b>ENGLISH</b>  <b>English Credit:</b> English 1, 2, 3, 4, Expository Reading and Writing P, ELD Beginning, Intermediate, Advanced (credits must be earned at 3 different grade levels).  <b>Senior Year English Electives:</b> Beginning Journalism, Journalism, Yearbook, Speech, Creative Writing, Film As Literature P. ELD credits may not exceed 10 per year for English credit.</p>	<b>40</b>
<p><b>FINE ARTS/FOREIGN LANGUAGE/CTE COURSES</b>            All courses in Art, Music and Foreign Language Departments shall meet graduation requirements. Selected CTE courses shall also meet graduation requirement. Please see course descriptions for qualifying CTE classes.</p>	<b>10</b>
<p><b>MATHEMATICS</b>            Integrated Math 1 plus 10 credits of higher level math is required. Students enrolled in Integrated Math Skills as a 9th grader are able to earn 5 elective credits in the first semester and 5 math credits in the second semester. Integrated Math 1 requirement met during 8th grade will require 20 credits of math at high school level. <b>Math Credit:</b> Integrated Math 1 through Calculus. Students lacking math credits for graduation may take Consumer Math to apply towards their required math credits. 10 of the 20 credits required for graduation must come from a high school Integrated Math course. <b>Elective Credit Only:</b> Repeated Math class if student passed the class previously (elective credit only), Academic Enrichment.            All Juniors are required to be enrolled in a math class for CASP preparation. If any questions please see Dean</p>	<b>20</b>
<p><b>PHYSICAL EDUCATION (PE Exemption information on page 10)</b>            Required for all 9th grade students. One additional P.E. course is required between grades 10-12.  <b>Count as P.E. for 9th Grade:</b> P.E. 1 for all students (Adaptive P.E. if medically authorized); students cannot earn more than 10 credits of P.E. in 9th grade.  <b>Count as P.E. Credit for 10th and Above:</b> Cadets, Athletic Conditioning, Basketball, Tennis, Combatives, Dance (if it is not used for Fine Art), Band Auxiliary</p>	<b>20</b>
<p><b>SCIENCE</b>            Biology/Life Science and Earth &amp; Space Science are NGSS courses required for all 9th and 10th grade students barring any accelerated courses that address the NGSS standards. These courses meet the requirement for students to pass 10 credits of Physical Science and 10 credits of Biological Science. Students must pass a third year of science to meet graduation credit requirements. This may include Integrated Physical Science and some Agriculture Science courses. Please see your counselor for a complete list of courses.</p>	<b>30</b>
<p><b>SOCIAL SCIENCE</b>            World History            U.S. History            Civics            Economics</p>	<b>10</b> <b>10</b> <b>5</b> <b>5</b>
<p><b>HEALTH</b>            Health 1, Introduction to Medical Integrated Science or Global Health.</p>	<b>5</b>
<p><b>ELECTIVES</b>  <b>Computer Literacy:</b> Option of 5 credits of computer courses (See Business Department section for appropriate courses to meet competency) or pass Computer Challenge Exam.</p>	<b>105</b>
<p><b>TOTAL CREDITS REQUIRED FOR GRADUATION</b></p>	<b>260</b>

(See Page 95 for Porterville Military Academy/See Page 99 for Harmony Magnet Academy)

**NOTE:** A student shall receive a diploma from the school where the student completes the requirements for graduation.

**CREDITS TRANSFERRED FOR CORE COMMENCEMENT REQUIREMENTS:** Course description and outline MUST be aligned with state/district standards or district approval.

## Distrito Escolar Unificado de Porterville

### Requisitos de Graduación

A partir de la clase de graduación de 2023, los estudiantes deben completar la solicitud FAFSA / Kada  
Montaje de planes postsecundarios según AB 132

SUJETO	Créditos requeridos
<b>INGLES</b> Créditos en inglés: Inglés 1P, 2P, 3P, 4P, Humanidades P, ELD para principiantes, ELD intermedio y ELD avanzado (créditos deben ser obtenidos en 3 categorías diferentes). Cuarto año crédito electivo de inglés: periodismo, periodismo P, Anuario, discurso, escritura creativa, lectura expositiva y escritura P, créditos de la película como literatura P. En ELD no se podrá superar 10 créditos por año escolar para inglés. (ELD=Desarrollo de Lenguaje en Ingles.)	<b>40</b>
<b>ARTES FINAS/LENGUA EXTRANJERA</b> Todos los cursos de arte, música y departamentos de idioma extranjera deberán cumplir los requisitos de graduación. Artes finas, arquitectura de diseño, o música avanzada también deberán cumplir el requisito de graduación.	<b>10</b>
<b>MATEMÁTICAS</b> Se requiere Matemática Integrada 1 más 10 créditos de matemáticas de nivel superior. Los estudiantes inscritos en Destrezas Matemáticas Integradas en el noveno grado pueden obtener 5 créditos electivos en el primer semestre y 5 créditos en matemáticas en el segundo semestre. El requisito de Matemática Integrada 1 cumplido durante el octavo grado requerirá 20 créditos de matemáticas a nivel de escuela secundaria. Crédito de matemáticas: Matemática integrada 1 hasta Cálculo. Los estudiantes que carecen de créditos de matemáticas para graduarse pueden tomar Consumer Math para solicitar los créditos de matemáticas requeridos. 10 de los 20 créditos requeridos para la graduación deben provenir de un curso de Matemáticas Integradas de la escuela secundaria. Solo crédito electivo: Clase repetida de matemáticas si el estudiante aprobó la clase anteriormente (solo crédito electivo), Enriquecimiento académico.	<b>20</b>
<b>EDUCACIÓN FÍSICA</b> <b>Necesarios</b> para los estudiantes de noveno grado. Un curso de P.E. adicional se requiere entre 10-12 grados. P.E. para noveno grado: 1 P.E. para todos los estudiantes (P.E. Adaptivo- Solo si es médicamente autorizado); los estudiantes no pueden obtener más de 10 créditos de P.E. en el noveno grado. Crédito de P.E. para el grado 10 y superior: cadetes, Acondicionado Atlético, baloncesto, tenis, luchas libres, danza (si no se utiliza para obras de arte), guardia de Colores/Banderas(sólo es crédito de PE si es instructor de P.E.)	<b>20</b>
<b>CIENCIA</b> Ciencias biológicas, ciencias físicas y ciencias adicionales. Todos los cursos de ciencia satisfacen los requisitos que deben alinearse con los estándares de Estado. Diez unidades de requisitos de ciencia deben tomarse en el Departamento de Ciencias. * Diez unidades adicionales (física o vida). Física: Ciencias de la tierra P, P de química, química P/AP, física P/AP, química en la Comunidad, Física de tecnología P, bioquímica P, P de Ciencias de la tierra agrícola, Ciencia integrada p. Ciencia de Educación Especial-Auto detallando (2). Vida: Biología P, biología P/AP, fisiología P, ciencias ambientales P/AP, agricultura Ciencia, biología P, plantas ornamentales, agrícolas veterinaria ciencia P, cuidado de los animales pequeños y Gestión. Mantenimiento de Paisaje (2).	<b>30</b>
<b>CIENCIAS SOCIALES</b> Historia Mundial Historia de los Estados Unidos Educación Cívica Economía	
<b>SALUD</b> Salud 1	<b>5</b>
<b>Electivos</b> Informática: Opción de 5 créditos en la clase de Computación (véase sección del Departamento de negocios para los cursos apropiados que satisfacen esta competencia) o pasar examen de reto de Computación.	<b>105</b>
<b>TOTAL DE CREDITOS REQUERIDOS PARA GRADUARSE</b> <b>260</b> <b>Nota: Un estudiante recibirá un diploma de la PREPARATORIA donde completa los requisitos para la graduación.</b> <b>CURSOS DEL COLEGIO COMUNITARIO</b> Los estudiantes que toman cursos de nivel del colegio mientras simultáneamente están matriculados en la escuela preparatoria, sólo recibirán crédito electivo para los cursos del colegio.	

# COLLEGE PLANNING

## HOW TO GET INFORMATION

- Call Guidance Staff to make an appointment
- Attend Porterville College financial aid workshop in the fall
- (FAFSA and Dream Act application opens October 1st)
- Attend on-campus presentations
- Use reference materials

## WEBSITES

[www.californiacolleges.edu](http://www.californiacolleges.edu)  
[www.calstate.edu/apply](http://www.calstate.edu/apply)  
[admission.universityofcalifornia.edu](http://admission.universityofcalifornia.edu)  
[fafsa.gov](http://fafsa.gov)  
<https://dream.csac.ca.gov/laninging>

## CSU - California State University

A note for fall 2021 and fall 2022 first-time freshman: The California State University (CSU) has temporarily suspended the use of ACT/SAT examinations in determining admission eligibility for all CSU campuses for the 2021-2022 and 2022-2023 academic years. This temporary change of admission eligibility applies only for fall 2021, winter 2022, spring 2022, fall 2022, winter 2023, and spring 2023 admission cycles.

**UC Undergraduate Admissions use of SAT/ACT Scores:** All nine undergraduate campuses will not consider SAT or ACT test scores when making admissions decisions or awarding Regents and Chancellor's scholarships for fall 2022 admissions, maintaining the in place for fall 2021. Applicants will still be able to report SAT/ACT scores on the UC application, but those scores will only be used for the limited purposes of fulfilling the "B" (English) subject area of the A-G requirement, or for course placement or advising after students are admitted.

UC will not consider SAT or ACT test scores when making

**TWO-YEAR COMMUNITY COLLEGES and VOCATIONAL PROGRAMS:** Any high school graduate may be admitted to Community College. Recommended high school students may enroll in college classes. Orientation, and registration of seniors for Porterville College are conducted on the high school campus in the fall. Many training opportunities exist at two-year colleges, adult schools, and private vocational schools. Get specific entrance requirements, multiple measures, costs, and programs regarding each school.

## **PRIVATE and OUT-OF-STATE COLLEGES and UNIVERSITIES:**

Admission requirements vary. If students wish to attend a college or university other than California State University or the University of California, they should get information about the specific requirements for that institution.

## COLLEGE ENTRANCE EXAMINATIONS

**PSAT/NMSQT:** Preliminary Scholastic Assessment Test/National Merit Scholarship Qualifying Test. PSAT/NMSQT is recommended for 10th or 11th graders as a preparation for the SAT and is given in October. Juniors who score very high may become semifinalists for the National Merit Scholarship.

**ACT:** American College Test      **SAT:** Reasoning Test (Scholastic Assessment Test)      **NOTE:** Students are encouraged to check each university's requirements for college entrance examinations

## ELIGIBILITY IN THE LOCAL CONTEXT

Eligibility in the Local Context (ELC) is one of three paths to freshman eligibility for the University of California, along with Eligibility in the Statewide Context and Eligibility by Examination Alone. Under ELC, the top 9 percent of students in each participating California high school class will be designated UC-eligible based on the coursework taken while in high school.

ELC status adds value to the application and is one of the factors considered when applications are reviewed. Additionally, ELC students not admitted to any of their campus choices are offered a spot at a UC campus that has space, if minimum UC requirements are met.

# Planificación para la universidad

## CÓMO OBTENER MAS INFORMACIÓN:

- Hable con el personal de consejería
- Asista a las presentaciones en escuela
- Escriba o llame para recibir materiales de información o folletos
- Uso de materiales de referencia de la ayuda financiera
- Asista a las presentaciones del colegio acerca de la ayuda financiera
- Ayudo con planes y registro de carreras universitarias

## WEBSITES

[www.californiacolleges.edu](http://www.californiacolleges.edu)  
[www.calstate.edu/apply](http://www.calstate.edu/apply)  
[admission.universityofcalifornia.edu](http://admission.universityofcalifornia.edu)  
[fafsa.gov](http://fafsa.gov)  
<https://dream.csac.ca.gov/laninging>

## CSU - Universidad Estatal de California

Una nota para el otoño de 2021 y el otoño de 2022 para estudiantes de primer año: La Universidad Estatal de California (CSU) ha suspendido temporalmente el uso de los exámenes ACT / SAT para determinar la elegibilidad de admisión para todos los campus de CSU para los cursos académicos 2021-2022 y 2022-2023. años. Este cambio temporal de elegibilidad de admisión se aplica solo para los ciclos de admisión de otoño de 2021, invierno de 2022, primavera de 2022, otoño de 2022, invierno de 2023 y primavera de 2023.

UC Uso de las calificaciones de SAT / ACT para las admisiones de pregrado: Los nueve campus de pregrado no considerarán las calificaciones de las pruebas SAT o ACT al tomar decisiones de admisión o al otorgar becas Regents y Chancellor's para las admisiones del otoño de 2022, manteniendo las vigentes para el otoño de 2021. Los solicitantes aún podrán para informar los puntajes del SAT / ACT en la solicitud de UC, pero esos puntajes solo se usarán para los propósitos limitados de cumplir con el área temática "B" (inglés) del requisito AG, o para la colocación de cursos o asesoramiento después de que los estudiantes sean admitidos.

UC no considerará los puntajes de las pruebas SAT o ACT al hacer

**Colegios Comunitarios de Dos Años y Programas Vocacionales:** Cualquier graduado de la escuela preparatoria puede ser admitido en el Colegio Comunitario. Alumnos del grado 11 y 12 recomendados pueden matricularse en clases del colegio. Pruebas, orientación, y el registro de los del grado 12 para el Colegio de Porterville se llevan a cabo en la cafetería de la escuela en el otoño. Existen muchas oportunidades de información en colegios de dos años, escuelas de adultos, y escuelas vocacionales privadas. Obtenga información específica de acceso y requisitos, los costos, y programas relacionados con cada escuela.

**Colegios PRIVADOS Y FUERA DE ESTADO - colegios y universidades:**

Los requisitos de admisión varían. Si los estudiantes desean asistir a un colegio o universidad que no sea de la Universidad Estatal de California o la Universidad de California, se debe obtener información sobre los requisitos específicos para esa institución.

## PRUEBAS DE ACCESO a la UNIVERSIDAD

**PSAT / NMSQT:** Prueba de Evaluación Escolástica Preliminar / Beca Nacional de Merito y Asesoramiento de Calificación. PSAT / NMSQT es recomendada para alumnos del grado 10 ° o 11 ° como una preparación para el SAT y se da en octubre de cada año escolar. Los alumnos del grado 11 que reciban una puntuación muy alta pueden llegar a ser semifinalistas para la Beca de Mérito Nacional.

**ACT:** Examen Americano del Colegio **SAT:** Examen de Razonamiento ( Scholastic Assessment Test) : **NOTA:** Se les aconseja a los estudiantes que verifiquen los requisitos de cada universidad para tomar los exámenes de ingreso.

## ELEGIBILIDAD EN EL CONTEXTO LOCAL

Elegibilidad en el Contexto Local (ELC ) es una de las tres rutas de acceso y elegibilidad del primer año de la Universidad de California (UC), a lo largo de Elegibilidad en el Contexto Estatal y elegibilidad mediante examen únicamente. Bajo ELC , la parte superior del 9 por ciento de los estudiantes en cada clase participante de la escuelas preparatorias de California serán designados UC- elegible basado en el trabajo del cursos tomados mientras están en la escuela preparatoria .

# CALIFORNIA UNIVERSITY AND STATE UNIVERSITY ENTRANCE REQUIREMENTS

**University of California Campuses:** <https://admission.universityofcalifornia.edu/how-to-apply/applying-as-a-freshman/>  
<https://admission.universityofcalifornia.edu/admission-requirements/freshman-requirements/>

**California State Universities:** <https://www.calstate.edu/apply>  
[https://www.calstate.edu/apply/freshman/getting\\_into\\_the\\_csu/pages/admission-requirements.aspx](https://www.calstate.edu/apply/freshman/getting_into_the_csu/pages/admission-requirements.aspx)

**NAIA (National Association of Intercollegiate Athletics)** <https://www.naia.org/landing/index>

## HIGH SCHOOL COURSES QUALIFYING AS COLLEGE PREPARATORY ARE DESIGNATED BY A “P” FOLLOWING THE COURSE TITLE: (such as World History P)

Record grades in classes when you complete them to keep track of your college preparation  
All grades must be “C” or above.

The University of California system and the California State University system have these minimum entrance requirements. For UC and CSU at least eleven of the fifteen required classes must be completed by the end of their Junior year.

A. U.S. History and World History (2 years required)

\_\_\_ / \_\_\_, \_\_\_ / \_\_\_

B. English, college preparatory (4 years required)

\_\_\_ / \_\_\_, \_\_\_ / \_\_\_, \_\_\_ / \_\_\_, \_\_\_ / \_\_\_

C. Mathematics (3 years required, 4 years recommended)

Integrated Math 1P \_\_\_ / \_\_\_ Integrated Math 2P \_\_\_ / \_\_\_ Integrated Math 3P \_\_\_ / \_\_\_

(Pre-Calculus \_\_\_ Calculus \_\_\_ Statistics \_\_\_)

D. Science (2 years required, 3 recommended)(Certain University majors require specific lab science courses. See your counselor to go over requirements)

Biology \_\_\_ / \_\_\_ Chemistry \_\_\_ / \_\_\_ Physics \_\_\_ / \_\_\_ Physiology \_\_\_ / \_\_\_ Earth & Space Science \_\_\_ / \_\_\_

Integrated Physical Science \_\_\_ / \_\_\_

E. Language other than English (2 years in one language, 3 years recommended)

\_\_\_ / \_\_\_, \_\_\_ / \_\_\_, ( \_\_\_ / \_\_\_ )

F. Visual and Performing Arts (drama/theater, music, and/or visual art)

\_\_\_ / \_\_\_

G. College Preparatory Elective — in addition to those courses required above, one year of college preparatory elective chosen from visual and performing arts, history, social science, English, advanced mathematics, laboratory sciences, or language other than English.

\_\_\_ / \_\_\_

Your college prep GPA is a determining factor in your qualifying for admission to a college or university.

## NCAA

Students anticipating applying for NCAA scholarship or program, additional requirements above the A-G are needed. Students need to inform their counselor by their Sophomore year for their college planning. This is a family decision and it is the students responsibility to apply. See the NCAA website for more information on additional requirements.

[www.eligibilitycenter.org/](http://www.eligibilitycenter.org/) <https://web3.ncaa.org/ecwr3/>

## EARLY ASSESSMENT PROGRAM

After 11th-graders take the CAASPP test, they will be notified whether they have either met the CSU expectations or whether they need additional preparation in order to be successful in college-level work. Those who need extra work will have their entire senior year to prepare further. Additional information and resources are available on the CSU Success ([csusuccess.org](http://csusuccess.org)) website.

## AB 132 information:

[https://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=202120220AB132](https://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=202120220AB132)

(2) Existing law establishes a system of public elementary and secondary education in this state. Under this system, local educational agencies throughout the state provide instruction and other services to pupils in kindergarten and grades 1 to 12, inclusive. Pupils who seek to continue their education in postsecondary educational institutions, and who wish to apply for financial aid, are generally required to apply for this aid through certain standardized forms, which, for most pupils, include the Free Application for Federal Student Aid and, for certain pupils, include the California Dream Act application.

This bill would require a school district, county office of education, or charter school to ensure that a grade 12 pupil who has not opted out, as specified, completes and submits a Free Application for Federal Student Aid or, if the pupil is exempt from paying nonresident tuition under existing law, completes and submits a form for purposes of the California Dream Act. The bill would require the Student Aid Commission, on or before July 1, 2022, to adopt regulations that include model opt-out forms and acceptable use policies for the purpose of providing guidance with applicable state laws. The bill would require the school district, county office of education, or charter school to exempt a pupil or the pupil's parent or legal guardian from completing a form if the local educational agency determines the pupil is unable to complete the form, and would prohibit a pupil's ability to graduate from being affected by a pupil's failure to fill out a form. By imposing additional duties on local educational agencies, the bill would impose a state-mandated local program.

**REQUISITOS DE INGRESO a la UNIVERSIDAD de CALIFORNIA (UC) y a la UNIVERSIDAD ESTADAL de CALIFORNIA (CSU)**

**Plantel de la Universidad de California:** <https://admission.universityofcalifornia.edu/how-to-apply/applying-as-a-freshman/https://admission.universityofcalifornia.edu/admission-requirements/freshman-requirements/>

**Universidades del Estado de California:** <https://www.calstate.edu/apply>  
[https://www.calstate.edu/apply/freshman/getting\\_into\\_the\\_csu/pages/admission-requirements.aspx](https://www.calstate.edu/apply/freshman/getting_into_the_csu/pages/admission-requirements.aspx)

**NAIA (National Association of Intercollegiate Athletics)** <https://www.naia.org/landing/index>

**CURSOS DE LA ESCUELA que califican como preparación para la universidad son designados por una “P” SIGUIENDO EL TITULO DEL CURSO: (por ejemplo, la Historia Mundial P)**

Registrar las calificaciones de tus clases cuando las hayas completado para llevar un registro de tu preparación para la universidad - Todas las calificaciones deben ser “C” o Mejor.

El sistema de la Universidad de California (UC) y el sistema de la Universidad Estatal de California (CSU) tienen éstos ingresos mínimos como requisitos. Para la UC, por lo menos siete de las quince clases requeridas deben tomarse durante los Grados 11 y 12.

A. Historia de Estados Unidos (EEUU) y Historia Mundial ( 2 años requeridos )

\_\_\_ / \_\_\_, \_\_\_ / \_\_\_

B. Inglés , preparación para la universidad ( 4 años requeridos )

\_\_\_ / \_\_\_, \_\_\_ / \_\_\_, \_\_\_ / \_\_\_, \_\_\_ / \_\_\_

C. Matemáticas (3 años requeridos , 4 años recomendados)

Matemática Integrada 1P \_\_\_ / \_\_\_ Matemática Integrada 2P \_\_\_ / \_\_\_ Matemática Integrada 3P \_\_\_ / \_\_\_ (Pre -Cálculo \_\_\_ / \_\_\_ Estadísticas \_\_\_ Cálculo \_\_\_ )

D. Ciencias ( 2 años requeridos , 3 recomendados)

Biología \_\_\_ / \_\_\_ Química \_\_\_ / \_\_\_ Física \_\_\_ / \_\_\_ Fisiología \_\_\_ / \_\_\_ Ciencias Fisica Integrada \_\_\_ / \_\_\_  
Ciencia de la Tierra y del Espacio \_\_\_ / \_\_\_

E. Idioma distinto al Inglés (2 años en un idioma, se recomiendan 3 años )

\_\_\_ / \_\_\_, \_\_\_ / \_\_\_ ( \_\_\_ / \_\_\_ )

F. Artes Visuales y Escénicas (drama / teatro , música y / o artes visuales )

\_\_\_ / \_\_\_

G. Electiva - además de los cursos requeridos anteriormente, de un año de preparación para la universidad electiva elegido por las artes visuales y escénicas, historia , ciencias sociales, Inglés , matemáticas avanzadas, ciencias de laboratorio o idioma que no sea Inglés . \_\_\_ / \_\_\_

Su promedio de calificaciones y el SAT o ACT son también factores determinantes en su clasificación para la admisión a un colegio o universidad. El SAT o ACT se deben tomar durante el semestre de otoño del último año. \* El SAT Examen de Materia específica es altamente recomendado por el sistema UC y se debe tomar antes de diciembre del último año (Grado 12).

**NCAA-Asociación de Deportes Nacionales del Colegio**

Estudiantes anticipando solicitar beca/s o al programa de NCAA, necesitan requisitos adicionales por encima de los requisitos A-G. Los estudiantes deben informar a su consejero de antemano para su planificación para la universidad. Visite el sitio web de la NCAA para más información sobre los requisitos adicionales.

[www.eligibilitycenter.org/](http://www.eligibilitycenter.org/) <https://web3.ncaa.org/ecwr3/>

**Programa de Evaluación Temprana - EAP**

Después de que los estudiantes en el 11º grado tomen el examen CAASPP se les notificará si han cumplido con las expectativas del sistema CSU ó si necesitan preparación adicional para establecer que puedan tener éxito en los niveles universitarios de estudio del sistema CSU. Los estudiantes que no logren una calificación de dominio en la prueba CAASPP tendrán el 12 grado para prepararse aún mas para la universidad. Vea a su consejero para obtener más información adicional. Para recursos adicionales en línea y para obtener información adicional visiten: [www.csusuccess.org](http://www.csusuccess.org)

## AB 132 information:

[https://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=202120220AB132](https://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=202120220AB132)

(2) La ley existente establece un sistema de educación primaria y secundaria pública en este estado. Bajo este sistema, las agencias educativas locales en todo el estado brindan instrucción y otros servicios a los alumnos de jardín de infantes y de los grados 1 a 12, inclusive. Los alumnos que buscan continuar su educación en instituciones educativas postsecundarias, y que desean solicitar ayuda financiera, generalmente deben solicitar esta ayuda a través de ciertos formularios estandarizados, que, para la mayoría de los alumnos, incluyen la Solicitud gratuita de ayuda federal para estudiantes y, para ciertos alumnos, incluya la solicitud de California Dream Act.

Este proyecto de ley requeriría que un distrito escolar, una oficina de educación del condado o una escuela autónoma se aseguren de que un alumno del grado 12 que no ha optado por no participar, como se especifica, complete y presente una Solicitud gratuita de ayuda federal para estudiantes o, si el alumno está exento de pagando la matrícula de no residente según la ley existente, completa y envía un formulario para los fines de la Ley Dream de California. El proyecto de ley requeriría que la Comisión de Ayuda Estudiantil, a más tardar el 1 de julio de 2022, adopte regulaciones que incluyan formularios de exclusión voluntaria y políticas de uso aceptable con el fin de brindar orientación con las leyes estatales aplicables. El proyecto de ley requeriría que el distrito escolar, la oficina de educación del condado o la escuela autónoma exima a un alumno o al padre o tutor legal del alumno de completar un formulario si la agencia educativa local determina que el alumno no puede completar el formulario, y prohibiría una la capacidad del alumno para graduarse de verse afectado por la falta de un alumno para completar un formulario. Al imponer deberes adicionales a las agencias educativas locales, el proyecto de ley impondría un programa local ordenado por el estado.

## ACADEMIC LETTER/LAMP OF KNOWLEDGE

### QUALIFICATIONS:

1. To be awarded an Academic Letter, a minimum grade point average of 3.5 must be earned for three individual semesters (not necessarily consecutive).
2. An entering freshman will become eligible for the Academic Letter at the end of the first semester of the sophomore year.
3. If a student transfers from another school and the previous records show the student has met the requirements to receive the Academic Letter, the student will need to complete one semester at the new campus with a 3.5 or higher to be awarded the Letter.
4. Students in grades 9, 10, and 11 must maintain 7 classes in the school's regular day class program.
5. Students in grade 12 must maintain a minimum of 6 classes in the school's regular day class program.
6. Only classes taken during the regular day class program, including classes at Porterville College, will be considered for the Academic Letter.
7. Confirmation of each student's grade point average will be determined through the District's computerized GPA print out.
8. At the end of each semester, the student should check with the Guidance Office for grade point average eligibility.
9. After a student has received the Academic Letter, for each additional semester with a 3.5 or higher, the student will receive a Lamp of Knowledge. The Student handbook at each campus further defines the site requirement for this award.

## CALIFORNIA SCHOLARSHIP FEDERATION, INC. - CSF SEMESTER MEMBERSHIP

- A. To qualify at the beginning of the sophomore year for CSF membership, follow these guidelines:
1. Student must earn a minimum of 10 points from last semester's grades.
    - a. The first 4 points must be from LIST I (unless you are a senior applying for membership in February or June).
    - b. The first 7 points (including the four points described in "a") must be from LISTS I and II.
    - c. The remaining points may come from any LIST (I, II or III).
    - d. See your campus CSF advisor for these lists.
  2. Student must use no more than 5 courses to qualify.
  3. No CSF points are given for physical education, courses taken in lieu of physical education, subjects repeated to improve a grade, courses involving clerking and office/teaching assisting, and courses taken on a pass/fail basis.
  4. CSF points are granted as follows:
    - A grade of A = 3 CSF points.
    - A grade of B = 1 CSF point. (Note: a grade of B in an AP®, or Honors course earns 2 CSF points)
    - A grade of C = 0 CSF points.
    - A grade of D or F in any course, even in one you cannot use to qualify, disqualifies student from membership at this time.

NOTE: *More points are given for courses taken under the auspices of a college. Check with your CSF advisor for the exact number.*
- B. Keep in mind:
1. Semester membership is based on work done in the previous semester. (Under very limited circumstances summer school may also be used; student should check with the CSF advisor before listing any summer school work.)
  2. Student must reapply each semester within the application period. See your campus CSF advisor. Students should also check with the CSF advisor regarding requirements for Seal Bearer status for graduation ceremony.

## VALEDICTORIAN REQUIREMENTS

Any student who attains the following academic status will be acknowledged as a Valedictorian(s):

1. Valedictorian(s) will earn no less than an “A” grade (4.0 scale) in all non-weighted coursework taken during high school enrollment.
2. Valedictorian(s) will earn no less than a “B” grade (5.0 scale) in all weighted courses (Honors/AP®) taken during high school enrollment.
3. Valedictorian(s) must qualify as a reward to be recognized as a CSF Seal Bearer.
4. Valedictorian(s) must meet all A-G requirements for CSU/UC entrance.
5. Passing the California Assessment of Student Performance & Progress (CAASPP) in ELA and mathematics in grade eleven must score in the advanced level of achievement.
6. Valedictorian must qualify as a Golden State Seal Merit Diploma recipient (as determined by CA Department of Education ).

**NOTE:** Starting with the class of 2024 no repeating courses allowed to achieve this distinction.

**NOTE:** In the event that no student attains a 4.0 grade point average using the criteria in items 1 and 2 above, the school will then select the student(s) with the highest unweighted grade point average for the title of Salutatorian.

## ADVANCED PLACEMENT AP® AND HONORS PROGRAM

### Advanced Placement AP®

Advanced Placement® (AP®) courses are academically demanding and offer students the opportunity to prepare for Advanced Placement® examinations. These examinations provide students the opportunity to earn college credit and/or advanced placement for college level courses and examinations completed while in high school. Registration for AP® examinations is in early fall.. An AP® examination costs approximately \$96. Financial aid and fee waiver may be available to assist with the cost of examinations. The College Board AP® examinations are given in May. Students should check with counselors and/or AP® teachers for exact dates. If a student receives a score of 3, 4, or 5, many colleges and universities grant credit, and/or waive general education requirements. Students are advised to check with specific colleges for AP® policies. See your counselor for more information. Students are encouraged to complete the att income form to receive a fee waiver and qualify.

AP® courses are offered in a traditional classroom format, as on-line courses, or in a combined on-line/classroom course. All AP® courses provide standardized accountability through the AP® exams. The AP® courses are recognized as the most academically demanding courses in a course sequence. Students and parents should consult with an AP® teacher and counselor to determine course sequencing for optimum opportunity for AP® success. AP® courses receive a weighted grade and students are expected to take the AP® examination as a condition for a weighted grade.

(AP® and Advanced Placement® are registered trademarks of the College Board. Used with permission.)

### Weighted Grade Scale for Advanced Placement Classes

A = 5; B = 4; C = 3; D or F = No weighted grade

### Honors

Honors courses at the 10th grade are the most academically demanding classes in those course sequences where an AP® examination is not offered. Honors classes are more academically demanding than regular college preparatory classes. The UC and CSU systems do not count honors classes for weighted grade in calculating the G.P.A. Accelerated Courses do not receive weighted grades. Honors courses are designed to prepare students for the rigor of AP® courses in their junior and senior years.

### College Classes

Most transferable college classes taken on the high school campus during the course of the regular day receive weighted credit. See your counselor for more information.

## STATE SEAL OF BI-LITERACY

The Seal of Bi-literacy is an award given by a school, school district or county office of education in recognition of students who have studied and attained proficiency in two or more languages by high school graduation. Appearing on the transcript of the graduating senior, the Seal of Bi-literacy is a statement of accomplishment for future employers and for college admissions.

### Eligibility Criteria for a Student Whose Primary Language is English

1. Students must have completed all English-language arts (ELA) requirements for graduation with an overall grade point average (GPA) of 2.0 or above in those classes.
2. Students must have passed the California Assessment of Student Performance and Progress for ELA, or any successor test, administered in grade eleven, at or above the “standard met” achievement level, or at the achievement level determined by the State Superintendent of Public Instruction (SSPI) for any successor test.
3. Students must achieve proficiency in one or more languages in addition to English demonstrated through one of the following methods:
  - a) Pass a foreign language Advanced Placement (AP®) exam, with a score of three or higher.
  - b) Successfully complete a four-year high school course of study in a foreign (world) language and attain an overall grade point average of 3.0 or above in that course of study, and oral proficiency in the language comparable to that required to pass an AP® examination (verified by transcript)
  - c) If no AP® examination or off-the-shelf language test exists, the district may use its own language examination, and must certify to the State Superintendent of Public Instruction (SSPI) that the test meets the rigor of a four-year high school course of study in that foreign (world) language, pass a school district language examination that, at a minimum, assesses speaking, reading, and writing in a language other than English at the Proficient level or higher. If a district offers a language examination in a language in which an AP® examination or off-the-shelf examination exists, the district language examination must be approved by the SSPI for the purpose of determining proficiency in a language other than English. A student who seeks to qualify for the SSB through a language that is not characterized by listening, speaking, or reading, or for which there is no written system, shall pass an assessment on the modalities that characterize communication in that language at the proficient level or higher.
4. Maintain an overall GPA of 2.0 or higher in their senior year

### Eligibility Criteria for a Student Whose Primary Language is Other Than English

Each of these two academic requirements shall be fulfilled:

1. Meet all the criteria listed above in EC Sections (1)(2)(3) and (4).
2. Attain the level demonstrating English language proficiency on the English Language Proficiency Assessments for California (ELPAC), or any successor English language proficiency assessment.

## **COMMENCEMENT CEREMONY REQUIREMENTS**

1. Maintained 90% attendance of the days enrolled in the Porterville Unified School District.
2. Attained the required number of high school units. Any senior who does not pass all courses required for graduation will not participate in the commencement ceremony.
3. Paid all bills or debts to the school district.
4. No more than one out-of-school suspension (any length of time) during the senior year.
5. No expulsion during the senior year.
6. No transfer to or from any alternative program (alternative programs are those which also grant diplomas) during the second semester of the senior year.
7. Earned 60 units in the senior year. (If mid-term graduate earned 30 units during the fall semester)
8. Maintained enrollment in all (6 or more) classes in each semester attended during the senior year. (No unscheduled time while on campus.)
9. Must not be on restriction (due to behavior or attendance reasons) from school activities at the time of the ceremony.

## **REQUISITOS DE CEREMONIA DE GRADUACIÓN**

1. Mantuvo el 90% de asistencia de los días inscritos en el Distrito Escolar Unificado de Porterville.
2. Alcanzó el número requerido de unidades/creditos en la escuela preparatoria. Cualquier estudiante de último año que no pase todos sus cursos requeridos para la graduación no participará en la ceremonia de graduación.
3. Pagó todas las facturas o deudas al Distrito Escolar Unificado de Porterville.
4. No más de una suspensión fuera de la escuela (cualquier período de tiempo) durante el último año.
5. No tener ninguna expulsión durante el último año.
6. Ninguna transferencia/traslado hacia o de cualquier programa alternativo (los programas alternativos son aquellos que también otorgan diplomas) durante el segundo semestre del último año.
7. Obtuvo 60 unidades/creditos en el último año. (Si el graduado de medio término obtuvo 30 unidades/creditos durante el semestre del otoño)
8. Se mantuvo la inscripción en todas las clases (6 o más) en cada semestre asistido durante el último año. (No mantuvo periodo no programado mientras que estuvo en la escuela)
9. No debe estar en restricción (por motivos de comportamiento o asistencia) de las actividades escolares en el momento de la ceremonia de graduación.

## **MID-TERM GRADUATION**

Seniors completing all graduation requirements and credits by mid-term may request mid-term graduation. Submit to the principal a Request to Graduate Mid-term (obtain this form from Guidance Office) before the first day of school your Junior year. See your guidance counselor for more information in the fall semester.

## ATHLETIC/EXTRA CURRICULAR ACTIVITIES

All students who participate in athletic, co-curricular or extra-curricular activities must maintain an unweighted grade point average of 2.0 and no more than two F's during the preceding grading period (declared on the sixth school day following the last day of the first quarter, first semester, third quarter and second semester) and minimum progress toward high school graduation. Probationary status will not be available to student's with more than 2 F's. The following number of accumulated credits toward high school graduation will be the standard for minimum progress toward graduation for all students in grades 9-12.

	Beginning of First Semester	Beginning of Second Semester
Sophomore (10th) *	50	85
Junior (11th) *	120	155
Senior (12th) *	190	225

\*Sophomore year is 3rd and 4th semesters of enrollment, junior year is 5th and 6th semesters of enrollment, and senior year is 7th and 8th semesters of enrollment.

A student in grades 10-12 who has not accumulated the required number of credits toward high school graduation should check with counselor regarding possibility of probation for the current semester. Athletic eligibility status for sports will not be changed once established. CIF By-laws state that: "Grades cannot be changed following the grading period for purposes of addressing any deficiency in an individual student's scholastic eligibility."

## P.E. EXEMPTION

Students in grades 10-12 may be granted Physical Education Exemption under the following special circumstances:

1. The student in grades 10-12 is excused for up to 2 semesters if enrolled in band auxiliary.
2. The student in grades 10-12 is excused for up to 2 semesters if enrolled in Dance I and II.
3. The student in grades 10-12 is engaged in a regular school-sponsored interscholastic athletic program carried on wholly or partially after regular school hours (Education Code 51242). Such exemption shall be granted on the basis of full participation with 2 separate athletic programs, for 2 years during sophomore and junior years, for one year exemption.

## CRITERIA FOR ANY STUDENT ASSISTANT COURSES

1. For grades 11 and 12 only. Students work only on their home campus.
2. No F's (or have made up class and earned a "C" or better) in core classes.
3. Must have a G.P.A. of 2.0 or higher.
4. Must have 90% attendance previous year/semester.
5. Counselor and Teacher Recommendation.
6. Student may only serve as an assistant in one class a maximum of one period daily per semester.
7. Must sign a statement of confidentiality.
8. Must be enrolled in at least 3 core classes and 1 CTE/Fine Arts class.
9. "No educational" content form must be signed by student and parent.

## CRITERIA FOR UNSCHEDULED PERIOD

1. Must have completed a minimum of 210 credits (by end of summer school) and enrolled in a minimum of 6 periods.
2. For 12th Grade only
3. Minimum 2.0 G.P.A.
4. No F's (or have made up the class and earned a "C" or better) in core classes
5. Must have 90% attendance
6. Counselor Recommendation
7. Parent Approval ("No Educational" consent form)
8. Administrative Approval
9. Students with an unscheduled period are not allowed to be on any PUSD campus during their unscheduled period.
10. Unscheduled period must be at the beginning or the end of the students academic day. (Zero period does not qualify as part of the academic day.)
11. Job training takes the place of an unscheduled period.

## ENGLISH LANGUAGE LEARNER SUPPORT

English Learners in all Porterville Unified Schools are provided support with both integrated and designated English language development.

### Structured English Immersion Program

Structured English Immersion is instruction in which state-adopted ELD standards are used in tandem with the state-adopted academic content standards. Structured English Immersion provides scaffolds for subject matter content.

### English Language Development (ELD)

Specific courses are available at each high school for students who have been given the English Language Proficiency Assessment (ELPAC) and score a performance level of emerging, expanding, or bridging. The range of classes and/or instruction extends until the student's skills reach the English language proficiency of bridging (Level 4) overall, which includes the domains of reading, writing, speaking and listening in order to qualify for re-designation as Fluent English Proficient (RFEP).

Each campus offers additional support in terms of special classes, summer school, after school programs, etc.

## STATEMENT OF NON-DISCRIMINATION

(Title VI of Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504)

Porterville Unified School District prohibits discrimination, harassment, intimidation, and bullying based on actual or perceived race, color, ethnicity, national origin, immigration status, ancestry, age, creed, religion, political affiliation, gender, gender identity, gender expression, genetic information, mental or physical disability, sex, sexual orientation, marital status, pregnancy or parental status, medical information, military veteran status, or association with a person or a group with one or more of these actual or perceived characteristics or any other basis protected by law or regulation, in its educational program(s) or employment. If you believe you, or your student, have been subjected to discrimination, harassment, intimidation, or bullying you should contact your school site principal and/or the District's Compliance and Title IX Office, by phone at (559)793-2445, by email at [districttitleixcoordinator@porterville.schools.org](mailto:districttitleixcoordinator@porterville.schools.org) or in person at 600 W Grand Ave Porterville CA 93257. A copy of the District's Uniform Complaint Policy is available at (559) 793-2453. The district is not responsible for facts or opinions contained on any linked site.

## DECLARACIÓN DE NO DISCRIMINACIÓN

El Distrito Escolar Unificado de Porterville prohíbe la discriminación, el acoso, la intimidación y el acoso basado en la raza, color, etnia, origen nacional, estado migratorio, ascendencia, edad, credo, religión, afiliación política, género, identidad de género, expresión de género información, discapacidad mental o física, sexo, orientación sexual, estado civil, estado de embarazo o paternidad, información médica, estado de veterano militar o asociación con una persona o grupo con una o más de estas características reales o percibidas o cualquier otra base protegida por ley o reglamento, en su (s) programa (s) educativo (s) o empleo. Si cree que usted o su estudiante han sido objeto de discriminación, acoso, intimidación o acoso escolar, debe comunicarse con el director de su escuela y/ o el Oficial de Cumplimiento y Título IX del Distrito, por teléfono al (559) 793- 2445, por correo electrónico a [districttitleixcoordinator@portervilleschools.org](mailto:districttitleixcoordinator@portervilleschools.org) o en persona en 600 W Grand Ave, Porterville CA 93257. Una copia de la Póliza Uniforme de Quejas del Distrito está disponible al (559) 793-2453. El distrito no es responsable por hechos u opiniones contenidas en cualquier sitio vinculado.

### Key for school codes

A = Porterville Military Academy  
H = Harmony Magnet Academy  
S = Strathmore High School

C = Citrus High School      G = Granite Hills High School  
M = Monache High School    P = Porterville High School

# AGRICULTURE

Course Title: **Agricultural Biology P**      **5700**

**G M P S**

Recommended Preparation: None

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

An introduction into animal science and plant physiology covering the following topics: Health and sanitation, anatomy, and physiology, reproduction, nutrition, entomology, pathology, and management research project. F.F.A. participation and project program SOEP are part of the grading system throughout the year. This class will satisfy U.C. and C.S.U. "D" Science. Additionally, this course will fulfill Biology/Life Science graduation requirements. Students will take the Biology segment of the California Standards Based Test.

Course Title: **Agriculture Construction**      **5660**

**G**

Recommended Preparation: None

Grade Level: 11, 12

Length of Course: 2 semesters = 10 credits

This course focuses on putting skills from Ag mechanics classes to practical use. Students will build, fix, and explore agricultural operations and construction at the agricultural department areas and around campus.

Course Title: **Agricultural Earth & Space Science P**      **3044**

**G M P S**

Recommended Preparation: None

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

Using agriculture as a learning vehicle, the course emphasizes the principles and practices of Earth & Space Science as a way to demonstrate the relevance of Earth & Space Science in agriculture to each student's life and environment. The class utilizes fieldwork, technology, and an extensive laboratory component to connect the major Earth & Space Science standards as well as the standards of investigation and experimentation. This course will fulfill Physical Science graduation requirements. This class will satisfy U.C. and C.S.U. "D" Science.

Course Title: **Ag Leadership P**      **5570**

**M P**

Recommended Preparation: None

Grade Level: 10, 11, 12

Length of Course: 2 semesters = 10 credits

This course is designed to promote and develop leadership in the Agriculture Industry. Ag Leadership is a project-based course aimed at increasing students' leadership capabilities. Through the planning and execution of numerous events for the school's FFA chapter, students will discover how to best effect change in their communities. Students will read extensively about the nature of leadership and its different styles. Additionally, students write frequently – critically, reflectively, persuasively – and speak about the real world issues in Agriculture. Topics will include current issues in Ag legislation, development of personal leadership skills, FFA operations, FFA Judging Teams and exploration of past and present needs in the Ag Industry and its leaders. A supervised Agricultural Experience project is required and will be developed with the aid of the instructor. Students will help plan, organize and put on events in FFA. Students are required to complete 20 hours per semester. FFA participation will be part of the grade for this course.

Course Title: **Agriculture Mechanics 1**      **5600**

**G M P S**

Recommended Preparation: None

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

The course is designed to give the first year student a strong foundation in the use of Basic Ag mechanics shop skills. Tools, materials and safety will be reviewed when each unit is taught. Proper skills involving hands-on learning will be stressed. The basic course includes rope work, wood, and metal working, concrete and cutting processes, electrical, and plumbing. Students will build individual projects as time permits. In addition, the FFA and Supervised Ag Projects will be stressed.

Course Title: **Agriculture Mechanics 2 5625**

**M P S**

Recommended Preparation: Agriculture Mechanics 1 with a "C" minimum grade

Grade Level: 10, 11, 12

Length of Course: 2 semesters = 10 credits

This course is designed to give students a basic understanding of fabrication and construction principles and basic engineering. In addition, advanced techniques in Mig (GMAW), Tig (Gtaw), Stick (SMAW) and oxyacetylene welding, cutting will be stressed. Additionally, electrical principles and skills will be continued from their Ag Mech 1 experience. Student will fabricate a medium-sized project to practice their skills and further their problem-solving abilities. In addition, the FFA and Supervised Ag Projects will be stressed.

Course Title: **Agriculture Mechanics 3/4 5655**

**M P S**

Recommended Preparation: Agriculture Mechanics 2 or Teacher Approval

Grade Level: 11, 12

Length of Course: 2 semesters = 10 credits; 4 semesters = 20 credits

Students will experience advanced welding and the construction of various projects. Instruction in welding stainless steel and aluminum as well as cutting with the electric plasma-arc torch will be covered in detail. Students will be expected to design and construct a project of their own and compile appropriate data as per project. Examples of projects are; wood splitters, trailers, barbecues, sports and fitness equipment, farm implements, etc. The goal of the advanced class is to prepare students for their individual directions after graduation. Field trips to colleges, business, job site, and expositions may be planned. In addition, the FFA and Supervised Ag Projects will be stressed. Meets the Fine Arts/Foreign Language/CTE or Life Science course requirement for graduation.

Course Title: **Ornamental Horticulture/Plant Science 5875**

**G M S**

Recommended Preparation: Ag. Biology P, or Ag. Earth & Space, or Teacher Approval

Grade Level: 10, 11, 12

Length of Course: 1 year = 10 credits; 2 years = 20 credits

This course is an advanced offering for students in ornamental horticulture studies and plant science. Greenhouse and nursery, turf grass, landscape, and floral design practices are general areas covered in Ornamental Horticulture. Plant Science includes the areas of field crops (vegetables, vines, trees, and bedding plants). Heavy emphasis will be on student use of the agriculture farm laboratory and ornamental horticulture facilities. The course develops supervised occupational project programs that will provide minimum entry job skills. The Future Farmers of America (FFA) is an integral part of the class. Meets the Fine Arts/Foreign Language/CTE or Life Science course requirement for graduation.

Course Title: **Floral Design P 5926**

**M P S**

Recommended Preparation: Ag. Biology, or Ag. Earth & Space, or Ornamental Horticulture, or teacher approval

Grade Level: 11, 12

Length of Course: 2 semesters = 10 credits

Students will become familiar with 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. Various assignments based on abstract two and three dimensional designs, historical culture and theory, color wheel theory, and analytical critiques of various floral art works using design vocabulary in conjunction with development of technical skills in floral art. Meets the Fine Arts/Foreign Language/CTE course requirement for graduation.

Course Title: **Veterinary Science P 6201** **G M P S**  
Recommended Preparation: Advanced Agriculture, Ag. Earth & Space Science, Ag. Biology P or Teacher Approval  
Grade Level: 11, 12  
Length of Course: 2 semesters = 10 credits

This course provides students with the knowledge and skills needed for college level coursework in readiness for a career in veterinary medicine. Students study the effects of diseases on the animal anatomical system and the body's response. Teamwork, technology, and integrated academics to understand the anatomy and physiology in health and disease are included to create a foundation for field experience in a Veterinarian's office during the second semester. This class involves significant reading and science activities. This class fulfills the UC G elective requirement. Meets the Fine Arts/Foreign Language/CTE or Life Science course requirement for graduation.

Course Title: **Greenhouse Management 5935** **C P**  
Recommended Preparation: Vocational interest  
Grade Level: 11, 12  
Length of Course: 2 semesters = 10 credits

Provides comprehensive training for students desiring to perfect vocational landscaping, nursery production, and plant propagation skills. Students will be exposed to skills and techniques used in home and commercial landscaping along with exposure to nursery design and layout, ordering, inventorying, maintaining equipment, and retail sales skills. Meets the Fine Arts/Foreign Language/CTE course requirement for graduation.

Course Title: **Nursery Practice 5800** **C G P**  
Recommended Preparation: Successful completion of any Agriculture class  
Grade Level: 10, 11, 12  
Length of Course: 2 semesters = 10 credits

Practical experience in plant propagation and in wholesale and retail nursery work. Units include the planting, transplanting, and sale of various varieties of seedlings and cuttings of trees, shrubs, vines, ground covers, annuals, perennials, and household plants of ornamental and commercial varieties. F.F.A. participation is emphasized. Home project part of grading system. A unit of California agriculture, F.F.A. organization leadership and project development will be part of course work. Meets the Fine Arts/Foreign Language/CTE course requirement for graduation.

Course Title: **Landscape Design 5825** **C**  
Recommended Preparation: Successful completion of any Agriculture class or Teacher Approval  
Grade Level: 10, 11, 12  
Length of Course: 2 semesters = 10 credits

Art principles of design and landscape drafting will be taught. Plan drawings, renderings (color drawings), and model construction are included. Class will require student projects. Meets the Fine Arts/Foreign Language/CTE course requirement for graduation.

Course Title: **Agriculture Foreman 6400** **G M P**  
Recommended Preparation: Teacher Approval  
Grade Level: 11, 12  
Length of Course: 2 semesters = 10 credits

Assists students and teacher with demonstrations and general shop procedures. Must meet student assistant requirements.

Course Title: **Computers in Agriculture 5551** **P**  
Recommended Preparation: Agriculture Science, Advanced Agriculture Science or  
Teacher approval  
Grade Level: 9  
Length of Course: 1 semesters = 5 credits

Computers in Agriculture is a semester course that deals with computer applications in relation to agriculture and agribusiness. Satisfies the computer technology graduation requirement.

Course Title: **Forestry and Natural Resources 5553** **P**  
Recommended Preparation: Agriculture Earth & Space Science  
Grade Level: 10 (with instructor permission), 11, 12  
Length of Course: 2 semesters = 10 credits

This course will deal with topics and issues in the Forestry and Natural Resources areas of agriculture. This course will prepare the students to gain sufficient knowledge to gain entry level employment within the industry or to progress toward continued education within this subject area. Topics will include; Introduction to Natural Resources, Soils, Water, Air and the Atmosphere, Energy, Minerals and Metals, Vegetative Resources, Fish and Wildlife Resources, Forestry-Ecology, Management and the Timber Industry, Plant Biology, Rural Recreation, Surveying, Geographical Information Systems and GPS (Global Positioning Systems). Students will apply lecture information in laboratory exercises and projects to further facilitate student learning and skill development. Student projects, FFA leadership training and career exploration are an integrated portion of this class. Meets the Fine Arts/Foreign Language/CTE course requirement for graduation.

Course Title: **Animal Science P 6231** **G M S**  
Recommended Preparation: Agricultural Biology P  
Grade Level: 11, 12  
Length of Course: 2 semesters = 10 credits

This course will provide the student with principles in Animal Science focusing on the areas mammalian production, anatomy, physiology, reproduction, nutrition, respiration, and genetics. This course is intended to successfully prepare those students who plan on going on to Veterinary Science P next year and majoring in Agricultural Sciences at a college or university. Frequent opportunities are also given to develop and apply rational and creative thinking processes of observing, comparing, organizing, relating, inferring, applying and communicating. Also, there is an emphasis on developing values aspirations and attitudes that promote the student's understanding personal involvement with the scientific explorations and discoveries of the future. These hands-on science experiences are designed to enhance the student's understanding of Agriculture, the environment, and society. This course is designed as an Elective class.

Course Title: **Ag Economics P 6115** **M P**  
Recommended Preparation: Ag Mechanics 3/4, Veterinary Science P or Ornamental Horticulture  
Grade Level: 12  
Length of Course: 1 semester = 5 credits

The purpose of the Agriculture Economics course is to provide students with a working knowledge of the economic principles and apply them to the agriculture industry. The agriculture industry is the prime context for all of the economic standards. Using application/common core based assignments and activities in class such as personal budgets, commodity market plans puts economic principles into a relevant context. Students will design, implement, analyze and report financial information related to their real life agriculture production projects. This course is designed for students completing a high school agriculture course of study. This course meets a half of year, A-G requirement for elective and fulfills the high school graduation requirement for Porterville Unified.

Course Title: **Ag Government Policy P 6110**

**M P**

Recommended Preparation: 3 year long Ag Department classes and US History P

Grade Level: 12

Length of Course: 1 semester = 5 credits

This course is designed for Senior Agriculture Program completers. In this course, students will pursue a deeper understanding of the institutions of American Government. They will do an in-depth study of the system of government in the world today and analyze the life and changing interpretations of the Constitution, the Bill of Rights, and the current state of the legislative, executive and judiciary branches of government. An emphasis is placed on analyzing the relationship among federal, state, and local governments and their relationship to agriculture and agribusiness. This course will create civic literacy as students prepare to vote, participate in community activities and assume the responsibilities of citizenship. This course fulfills the high school Civics requirement and will meet a half of year of A-G requirement in the "A" category.

Course Title: **Applied Animal Anatomy & Physiology**

**5628**

**S**

Recommended Preparation:

Grade Level: 10

Length of Course: 2 semesters = 10 credits

Applies Animal Anatomy & Physiology is a scientific technology based course that will provide students with hands on identification of small and large animal external and internal body parts, body systems (i.e. skeletal, muscular, reproductive, endocrine and digestive) and cavities. Students will gain knowledge of functions of body parts and systems, animal behaviors, catching, handling and restraining small and large animals, recording vital signs (i.e. temperature, pulse rate, and respiration) and performing diagnostic tests.



## BUSINESS/COMPUTER SCIENCE

Course Title: **Basic Computer Technology**      **6500**      **M P S**  
Recommended Preparation: None  
Grade Level: 9  
Length of Course: 1 semester = 5 credits

Basic Computer Technology is an introductory course in the use of computers. The students are exposed to the many uses of computers through a hands-on approach that stresses an awareness of how the computer can be used as a tool in their daily lives. The students will develop an appreciation of the role of computers in our society and recognize the importance of basic understanding of its many applications. Satisfies the Computer Technology graduation requirement.

Course Title: **Computer Science Principals P/AP®**      **6881**      **G M**  
Recommended Preparation: Integrated Math 1P (C or better), Integrated Math 2P (completed or concurrent)  
Grade Level: 11, 12  
Length of Course: 2 semesters = 10 credits

AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles also gives students the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science.

Course Title: **Computer Applications 1**      **6550**      **G M P S**  
Recommended Preparation: Concurrent enrollment in Basic Computer Technology or Teacher approval  
Grade Level: 9, 10, 11, 12  
Length of Course: 2 semesters = 10 credits

Students will work with IBM compatible computers in the areas of basic keyboarding, word processing using Microsoft Word, and spreadsheets and graphics using Microsoft Excel. Instruction will include Internet research. This course will be an in-depth study of Microsoft Word, Excel, and Power Point, preparing students to enter the work force and become MOUS certified if so desired upon completion of the course. Satisfies the Computer Technology graduation requirement.

Course Title: **Computer Applications 2**      **6575**      **G M P**  
Recommended Preparation: Computer Applications 1, or Teacher approval  
Grade Level: 10, 11, 12  
Length of Course: 2 semesters = 10 credits

Computer Applications 2 is designed to present the students with more advanced computer software programs. Students will review the concepts in the Microsoft Office suite such as Word, Excel, and Power Point. Students will become proficient in databases using current database management software. In addition, students will learn publishing techniques using current publishing software. Students will also develop web pages using a variety of techniques including current web design software, HTML, and web languages. Design of business applications such as letterhead, business cards, etc. will be done for business partners within the community. Satisfies the Computer Technology graduation requirement.

Course Title: **Computer Science A P/AP**      **6886**      **M**  
Recommended Preparation: IM1 & IM2  
Grade Level: 11, 12  
Length of Course: 2 semesters = 10 credits

AP computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles also gives students the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science.

Course Title: **Introduction to Business**      **6700**      **M**  
Recommended Preparation: None  
Grade Level: 9, 10, 11, 12  
Length of Course: 2 semesters = 10 credits

Introduction to Business students are given a broad survey of the place of business in the global, national and local economy. Students get a brief introduction to the areas of money and banking, credit, insurance, savings and investments, and family finances.

Course Title: **Website Design**      **6821**      **M**  
Recommended Preparation: None  
Grade Level: 11, 12  
Length of Course: 2 semesters = 10 credits

Course Title: **Career Choices/GSF & Keyboarding**      **9246**      **G**  
Recommended Preparation: None  
Grade Level: 9  
Length of Course: 2 semesters = 10 credits

Freshman Transition and Success Is an interdisciplinary curriculum that involves students and teachers in an interactive learning process. It teaches a critical-decision making process for life-defining decisions. Throughout this course students will examine their own personal characteristics and learn to ultimately use those personality traits to the greatest advantage throughout their education and in making real life decisions. Utilizing various online personality and career assessments, students will develop life skills that will aid them in school and career success. Students will use learned computer skills while addressing the curriculum of this course. Satisfies the Computer Technology graduation requirement.

Course Title: **Information Technology Assistant**      **6680**      **G P**  
Recommended Preparation: General Teacher Assistant Requirements  
Grade Level: 11, 12  
Length of Course: 1 semesters = 5 credits

This course is a hands-on study of technology integration in an educational context. Students will be required to assess problem sets throughout the day and define the best approach to addressing or solving the problem. In addition to solving problems for students and teachers, students will be required to complete and maintain several running projects that address problems or solutions in educational technology integration. To be successful in this course, students should have a prior understanding of Apple OS, Microsoft Windows OS, and the iPad iO.

Course Title: **Retail Sales**      **6851**      **M P**  
Recommended Preparation: None  
Grade Level: 11, 12  
Length of Course: 2 semesters = 10 credits

Retail Sales will provide students an opportunity to operate an on-campus retail establishment as they apply concepts in the fields of marketing, selling, distribution, inventory, cross-training, and bookkeeping. Students learn how to analyze customers' needs so that the merchandise sold will satisfy those needs. Students learn to evaluate the nature of business decisions, and recognize and analyze the factors affecting those decisions. Students are exposed to a variety of guest speakers that present on current business-related topics, industry standards, and trends, and serve as mentors to the students. Meets the Fine Arts/Foreign Language/CTE course requirement for graduation. Must meet student assistant requirements.

## ENGLISH/ENGLISH LANGUAGE DEVELOPMENT (ELD)

Course Title: **Academic Enrichment 9310 - English Acad. Enrichment A** **G H M P S**  
**9320 - English Acad. Enrichment B**

Recommended Preparation: Recommendation of counselor based on multiple measures (High School Placement Exam, grades, teacher/counselor recommendation, or student study team referral)

Grade Level: 9, 10, 11, 12

Length of Course: 1 semester = 5 credits

This course is for academic support of students performing below grade level as evidenced by placement tests, California Standards Tests, and grades in core academic classes. The course involves development of study skills, organizational skills, reading interventions such as, but not limited to, Accelerated Reading, Reading Plus, and test preparation strategies and practice.

Course Title: **English 1 Reading 1705** **C G P**

Recommended Preparation: Counselor recommendation based upon student performance on High School Entrance Exam and other defined assessments

Grade Level: 9

Length of Course: 2 semesters = 10 credits

The emphasis of this course is to increase the students' reading comprehension skills. Composition is focused on how to increase fluency and use writing for self-expression as a way to respond to literature and informational texts. The curriculum is designed to improve reading skills including those reflected on standardized tests.

Course Title: **English 1 Reading ELD 1706** **G**

Recommended Preparation: Counselor recommendation based upon student performance on High School Entrance Exam and other defined assessments including ELPAC

Grade Level: 9

Length of Course: 2 semesters = 10 credits

The emphasis of this course is to increase the students' reading comprehension skills. Composition is focused on how to increase fluency and use writing for self-expression as a way to respond to literature and informational texts. The curriculum is designed to improve reading skills including those reflected on standardized tests.

Course Title: **English 1P Composition 1724** **A G H M P S**

Recommended Preparation: Counselor recommendation based upon student performance on High School Entrance Exam

Grade Level: 9

Length of Course: 2 semesters = 10 credits

The course emphasizes the fundamental skills of reading, writing, listening, and speaking. It consists of an in-depth study of literature, grammar, composition, vocabulary, spelling, library, and Internet use. The curriculum is aligned with the California Common Core Standards and is designed to enhance the literature and composition skills of the student.

Course Title: **English 1P Composition Accelerated 1750** **A G H M P**

Recommended Preparation: Counselor recommendation based upon student performance on High School Entrance Exam.

Grade Level: 9

Length of Course: 2 semesters = 10 credits. **The grade is not weighted.**

English 1P Accelerated is an introduction to the English Department's Honors Program. Academically motivated students will be exposed to an enriched curriculum that is aligned with the California Common Core Standard.

Course Title: **English 2P Composition 1825**  
Recommended Preparation: English 1P  
Grade Level: 10  
Length of Course: 2 semesters = 10 credits

**A G H M P S**

English 2P is designed to improve students' abilities in all aspects that comprise an integrated English curriculum. Students will be exposed to the 10th grade curriculum that is aligned with the California Common Core Standards.

Course Title: **English 2P Honors 1850**  
Recommended Preparation: Grade of "A" or "B" in English 1P Accelerated or teacher recommendation.  
Grade Level: 10  
Length of Course: 2 semesters = 10 credits; Weighted grade

**A G H M P S**

This class emphasizes excellence in writing, reading, and critical thinking. Academically motivated students will be exposed to an enriched curriculum aligned with California Common Core Standards. This is a demanding course that will require a great deal of out-of-class reading and writing.

Course Title: **English 3P Composition 1925**  
Recommended Preparation: English 2P  
Grade Level: 11  
Length of Course: 2 semesters = 10 credits

**A G H M P S**

This course covers selected works by American authors from the 1600's to the present. The course enables students to understand that American literature reflects social, political, and moral issues in the United States. The students will develop proficiencies as outlined by the California Common Core Standards.

Course Title: **English 3P Language/Composition AP® 1950**  
Recommended Preparation: A grade of "C" or better in English 2P Honors or Teacher Recommendation  
Grade Level: 11  
Length of Course: 2 semesters = 10 credits; Weighted grade

**G H M P S**

AP® Language and Composition prepares students to take the Advanced Placement Exam, which may result in college credit being awarded by a college. This course will engage students in becoming readers of prose written in a variety of periods, disciplines, and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subject. Students will also study the way conventions and resources of language contribute to the effectiveness of writing. **Students are expected to take the AP® exam to receive weighted credit. Refer to page 9 for weighted scale.**

Course Title: **English 4P Literature/Composition AP® 2050**  
Recommended Preparation: A grade of "C" or better in English 2 Honors, AP® English Language & Composition or an "A" or "B" in English 3P Composition or Teacher Recommendation  
Grade Level: 12  
Length of Course: 2 semesters = 10 credits; Weighted grade

**H M**

AP® Literature and Composition prepares students to take the Advanced Placement Exam, which may result in college credit. This course will engage students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism and tone. Writing assignments focus on the critical analysis of literature and include expository, analytical and argumentative essays. **Students are expected to take the AP® exam to receive weighted credit. Refer to page 9 for weighted scale.**

Course Title: **English 4P Composition 2025**  
Recommended Preparation: English 3P  
Grade Level: 12  
Length of Course: 2 semesters = 10 credits

**G P**

This course is designed to help students continue skill building as communicators and prepare for college level English reading and writing. Activities and assignments in this course will support the California Common Core Standards.

Course Title: **Expository Reading and Writing P 2056**  
Recommended Preparation: Completion of English 3P with a "C" or better or Teacher Recommendation  
Grade Level: 12  
Length of Course: 2 semesters = 10 credits

**A G H M P S**

The goal of the Expository Reading and Writing course is to prepare college-bound seniors for the literacy demands of higher education. Through a sequence of rigorous instructional modules, students in this yearlong, rhetoric-based course develop advanced proficiency in expository, analytical, and argumentative reading and writing. Modules also provide instruction in research methods and documentation conventions. This course meets the "B" elective requirement for UC entrance requirements. ENGLISH credit for grade 12 only.

Course Title: **English P101 A (PC #ENG P101A) CLEN1A**  
Recommended Preparation: Eligible for level 1 English Placement for Porterville College  
Grade Level: 12th  
Length of Course: 1 semester = 5 credits; Weighted grade

**A G M P**

This course will cover the study of writing, including paragraph development, essay organization, logic, writing process, and research paper writing. Students will complete readings in a variety of rhetorical modes used as models for writing including research papers. Students will read a variety of books and write a minimum of 8,000 words, including an argumentative research paper and it will be available to students during their senior year. This course will cover English Language Arts Content Standards. ELA Standards covered include: demonstrates knowledge of audience, purpose, and voice by composing argumentative essays in major academic genres. Analyze college-level academic and literary texts for persuasive support, deductive and inductive inferences, rhetorical strategies, and stylistic choices, including a reflective analysis of a book-length text. Evaluate, analyze, and synthesize primary and secondary sources by gathering information, organizing inquiry, considering multiple perspectives, and documenting research in MLA format. Demonstrate mastery of the writing process: invention strategies, planning and organization, multiple drafting, peer review; revision for logical coherence and style; editing and proofreading for grammar, mechanics, and punctuation. Write a focused, well-organized 8-12 page argumentative research paper on a topic appropriate for academic audiences that analyzes and integrates primary and secondary to sources in MLA format, exhibiting few errors in grammar, mechanics, and punctuation.

Course Title: **English P101 B (PC #ENG P101B) CLEN1B**  
Recommended Preparation: Eligible for level 1 English Placement for Porterville College  
Grade Level: 12th  
Length of Course: 1 semester = 5 credits; Weighted grade

**A G M P**

A study of fiction, poetry, and drama representing a variety of cultural experiences from different critical viewpoints with an emphasis on analytical, critical, and argumentative writing and thinking. Students are required to read one book-length work and a novel, as well as selected works of literature from different genres. Critical thinking is taught within the context of literary criticism. Course includes advanced instruction in the art of writing, with particular emphasis on argumentation as a means of conveying the students' critical viewpoint, library research, and MLA documentation. Course emphasizes a close reading of literary selections.

Course Title: **Practical English for Seniors**      **1510**      **M**  
Recommended Preparation: None  
Grade Level: 12  
Length of Course: 2 semesters = 10 credits

This course is a senior English course designed for students who have not decided to go to college. Students complete the mandatory core, drill for writing competency exams, and practice basic job and life-related writing skills. The basic format of this class is usually that of a writing laboratory.

Course Title: **English Language Development (ELD) (Emerging)**      **1600**      **A G H M P S**  
Recommended Preparation: Teacher or Counselor Recommendation; ELPAC level 1  
Grade Level: 9, 10, 11, 12  
Length of Course: 2 semesters = 10 credits

This course is for the student who needs substantial- to- moderate linguistic support to communicate in English.

Course Title: **English Language Development (ELD) (Bridging)**      **1625**      **A G H M P S**  
Recommended Preparation: Teacher or Counselor Recommendation; ELPAC level 2, 3  
Grade Level: 9, 10, 11, 12  
Length of Course: 2 semesters = 10 credits

This course is for the student who requires moderate - to- light linguistic support to communicate English. The student may have weaknesses in one or more of the basic language skills of listening, speaking, reading, and writing. General skills for development in English are stressed.

Course Title: **English Language Development (ELD) P (Expanding)**      **1650**      **A G H M P S**  
Recommended Preparation: Teacher or Counselor Recommendation; ELPAC level 3, 4  
Grade Level: 9, 10, 11, 12  
Length of Course: 2 semesters = 10 credits

This course is for the student who requires light linguistic support to communicate English. Students improve skills in reading, writing, speaking, and listening in order to qualify for eventual re-designation as Fully English Proficient (FEP). At the conclusion of this course students enter regular English classes appropriate for their ability taught by CLAD certified teachers. The course includes literature selections, vocabulary development, exposure to the writing process and instruction in more sophisticated grammatical forms, as well as library and study skills.

Course Title: **Introduction to Public Speaking (PC #COMM P101)**      **CLCO01**      **P**  
Recommended Preparation: Total GPA OF 2.5 or above  
Grade Level: 10,11,12  
Length of Course: 1 semester = 5 credits

This course provides a practical introduction to the fundamental principles of public speaking through an audience-centered approach, and a forum for practicing public speaking skills. Through a variety of instructional strategies and presentations, students learn the process by which effective speeches are conceived, and researched, as well as the actual planning, rehearsing, and presentation of formal and informal speeches to specific audiences. Listening, speaking, and critiquing abilities are emphasized.

Course Title: **Journalism 9400 (9-11) 9401 (12)** **P**  
Recommended Preparation: Teacher Recommendation  
Grade Level: 9, 10, 11, 12  
Length of Course: 2 semesters = 10 credits

This beginning Journalism class focuses on the production of the campus newspaper. Each student will become acquainted with multi-media graphic layout and design, digital photography, and advertising sales. Students learn word processing, desktop publishing, advanced photo editing, and graphic layout design using sophisticated software and web technologies. ELECTIVE CREDIT ONLY grades 9, 10 and 11. ENGLISH ELECTIVE credit for grade 12 only.

Course Title: **Advanced Journalism P 9410** **P**  
Recommended Preparation: Beginning Journalism or Teacher Recommendation  
Grade Level: 10, 11, 12  
Length of Course: 2 semesters = 10 credits

Students will participate in a series of multi-week writers workshops involving advanced study of researching, writing and editing for journalistic publications. Student work will be published in a campus news publication. This course meets only the elective "G" requirement for UC entrance requirements. ENGLISH ELECTIVE credit for grade 12 only.

Course Title: **Yearbook 9425 (9-11) 9426 (12)** **G**  
Recommended Preparation: Teacher Recommendation (application and interview required)  
Grade Level: 9, 10, 11, 12 (9th on special approval)  
Length of Course: 2 semesters = 10 credits

The emphasis in this class is on the production of the Yearbook. Students will learn the techniques of copy writing and editing, photography, layout, and advertising sales. Desktop publishing is also featured. During the second year in the class, the student has the opportunity to take on the responsibility of editorship. Students will have the opportunity to attend summer and weekend workshops and to enter competitions. ELECTIVE CREDIT ONLY grades 9, 10 and 11. ENGLISH ELECTIVE credit for grade 12 only. \*Harmony & PMA does not give English credit for this class.

Course Title: **Film As Literature P 2055** **P**  
Recommended Preparation: Completion of English 3P  
Grade Level: 12  
Length of Course: 2 semesters = 10 credits

Film as Literature offers a comprehensive study of the history, art, and techniques of film; the class is designed for students who want to learn more about this liveliest of art forms, as well as see some of the greatest films ever made. Class work includes lectures, viewing of films, analysis of individual scenes and shorts, and in-depth discussions. This course meets the "B" requirement for UC entrance requirements.



## FOREIGN LANGUAGE

Course Title: **Spanish 1P 3500**

**A G M P S H**

Recommended Preparation: Recommended that students be concurrently enrolled in a college preparatory program

Grade Level: 9, 10, 11, (12th graders with Instructor's Permission)

Length of Course: 2 semesters = 10 credits

This is a beginning course to teach the sound system, vocabulary, and basic grammar of the Spanish language, leading to some proficiency and understanding in the basic skills of reading, writing, and oral aspects of the language. The student will be exposed to the Hispanic culture.

Course Title: **Spanish 2P 3525**

**A G M P S H**

Recommended Preparation: Spanish 1 with a grade of "C" or better

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

This is a continuation of Spanish 1P wherein the students will increase their oral, written, and listening comprehension and increase their appreciation for the diversity of the Hispanic culture.

Course Title: **Spanish 3P 3550**

**A G M P S H**

Recommended Preparation: Spanish 2P with a grade of "C" or better

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

This course is a continuation of Spanish 2P wherein the students will continue to increase their oral, written, and listening comprehension. Furthermore, they will be able to originate conversation on topics of their choosing and also be able to write in a manner which would be comprehensible to a native speaker.

Course Title: **Spanish 4P/AP® 3575**

**A G H M P S**

Recommended Preparation: Spanish 3P with a grade of "B" or better in the second semester and teacher approval

Grade Level: 10, 11, 12

Length of Course: 2 semesters = 10 credits

This course will prepare the students to take the Advanced Placement Exam in the Spanish Language at the end of the school year. **Students are expected to take the AP® exam to receive weighted credit. Refer to page 9 for weighted scale.**

Course Title: **Spanish Literature 1P 3600**

**A G H M P S**

Recommended Preparation: Read, write and speak Spanish

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

This is an introductory literature class for students who have proven ability in reading, writing, and spoken Spanish. This is the first of four courses leading to the Advanced Placement exam in Literature in Spanish.

Course Title: **Spanish Literature 2P 3625**

**A G H M P S**

Recommended Preparation: Pass Spanish Literature 1P with a grade of "C" or better or Teacher Approval.

Grade Level: 10, 11, 12

Length of Course: 2 semesters = 10 credits

This is the second class of four leading to the Advanced Placement Exam in Literature. Development of the students literature analytical skills are emphasized and Hispanic history and culture are introduced.

Course Title: **Spanish Language & Culture 3P/AP®** **3650** **G M P**  
Recommended Preparation: Completion of Spanish Literature 2P with a second semester grade of “C” or better,  
or with teacher approval  
Grade Level: 10, 11, 12  
Length of Course: 2 semesters = 10 credits; weighted grade

This is the third of four classes leading up to the Advanced Placement exam in Literature. This is a continuation of Spanish Literature 1P and 2P wherein specific authors are studied in preparation for the AP® Language Exam. All genres of literature are studied in the course. **Students are expected to take the AP® Spanish Language Exam to receive weighted credit. Refer to page 9 for weighted scale.**

Course Title: **Spanish Literature & Culture 4P/AP®** **3675** **G M P**  
Recommended Preparation: Completion of Spanish Literature 3P (AP® with a second semester grade of “C” or better), or with teacher approval  
Grade Level: 10, 11, 12  
Length of Course: 2 semesters = 10 credits; weighted grade  
Grades must be “C” or higher to meet U.C. requirements

This is the last of four classes leading to the Advanced Placement exam in Literature. Study is continued in all genres of literature which will be examined on the AP® exam. Students may NOT take this course before Spanish Literature 3P/AP®. **Students are expected to take the AP® Spanish Literature Exam to receive weighted credit. Refer to page 9 for weighted scale.**

Course Title: **Spanish 101 (PC #SPAN P101)** **CLSP01** **P**  
Recommended Preparation: Spanish Literature 2 or Spanish Literature 3 with a grade of C or better; teacher recommended  
Grade Level: 10, 11, 12  
Length of Course: 1 semesters = 5 credits; weighted grade

Introduction to Spanish language and culture. Students will learn basic grammar and vocabulary for speaking, reading, understanding and writing at the beginning level as well as learn about the culture and civilization of the Spanish-speaking world. This course may have an on line component which requires the student to access the Internet weekly.

Course Title: **Spanish 102 (PC #SPAN P102)** **CLSP02** **P**  
Recommended Preparation: Spanish 102 with a C or better  
Grade Level: 10, 11, 12  
Length of Course: 1 semesters = 5 credits; weighted grade

This course is a continuation of the introduction to the Spanish language and culture presented in Spanish P101. Students will continue to focus on the grammar and vocabulary necessary for speaking, reading, understanding, and writing at the high-beginner level as well as learning about the culture and civilization of the Spanish-speaking world. The course may have an on line component which requires the students to access the Internet weekly.

Course Title: **French 1P** **3700** **G**  
Recommended Preparation: Recommended that students be concurrently enrolled in a college preparatory program  
Grade Level: 9, 10, 11, (12th graders with Instructor’s Permission)  
Length of Course: 2 semesters = 10 credits

This is a beginning course to teach the sound system, vocabulary, and basic grammar of the French language, leading to some proficiency and understanding in the basic skills of reading, writing, and oral aspects of the language. The student will be exposed to some of the Francophone culture.

Course Title: **French 2P 3725**

**G**

Recommended Preparation: French 1 with a grade of "C" or better

Grade Level: 10, 11, 12

Length of Course: 2 semesters = 10 credits

This is a continuation of French 1P wherein the students will increase their oral, written, listening, and reading comprehension to expand their appreciation for the diversity of the Francophone culture.



## HEALTH

Course Title: **Health 1 5425**  
Recommended Preparation: None  
Grade Level: 9, 10, 11, 12  
Length of Course: 1 semester = 5 credits

**A G M P**

The Health curriculum will include units that promote personal health awareness and positive decision making with emphasis upon ALCOHOL, TOBACCO, AND DRUG education (including issues of addiction and recovery), GROWTH AND DEVELOPMENT (including human reproduction, pregnancy and childbirth, contraception, interpersonal relationships, as well as state mandated instruction in sexually transmitted diseases and HIV/AIDS education), NUTRITION AND FITNESS/ EXERCISE (including eating disorders, obesity, diabetes, and cardiovascular health awareness), MENTAL AND EMOTIONAL HEALTH (including stress, life crisis, depression, and suicide prevention), PERSONAL HEALTH ISSUES (including decision-making, consumer awareness, first aid procedures, and environmental issues), FAMILY/SOCIAL HEALTH ISSUES (including conflict resolution, sexual harassment, bullying, violence, affirmative consent, divorce, and blended families), and TEEN ISSUES (including gang awareness, tattooing, body piercing, and Internet safety).

Course Title: **Health Education P112 (PC# HLED P112) CLHL12**  
Recommended Preparation: None.  
Grade Level: 11, 12  
Length of Course: 1 semester = 5 credits

**G M P S**

A course in health education based upon the fundamental concepts of human biology. Includes a study of diseases, sex education, drug abuse, emotional health, environmental health, nutrition, and consumer health.

Course Title: **Physical Education 1/Health 5310**  
Recommended Preparation: None  
Grade Level: 9, 10, 11, 12  
Length of Course: 2 semesters = 10 credits

**C H S**

P.E. 1/Health is a core curriculum class offering several different activities. Units are 1 to 4 weeks in length and cover basic skills, safety, equipment care and rules. California Physical Fitness testing included in this course. Additionally health topics will be taught once per week. (See page 10 for Physical Education exemption guidelines). Must complete full year to meet health graduation requirements.

## HOME ECONOMICS AND CHILD DEVELOPMENT

Course Title: **Life Skills A/B 7525**  
Recommended Preparation: None  
Grade Level: 9, 10  
Length of Course: 2 semesters = 10 credits

**G M P**

Students will be introduced to information and skills allowing them the opportunity to be successful high school learners and young adults. This course will focus on high school success strategies, including study skills, consumer education and economics, and career exploration. Students will be introduced to diversity, tolerance education, and problem solving strategies. This course focuses on the development of academic, organizational, and life skills.

Course Title: **Child Development 7575**  
Recommended Preparation: None  
Grade Level: 10, 11, 12  
Length of Course: 2 semesters = 10 credits

**A G M**

This course focuses on the development of children from conception to age six. Prenatal development is examined very seriously while taking into consideration the environmental effects on the fetus. Childbirth is reviewed as well as the anticipation of the baby's arrival. Each year of the child's life is examined thoroughly, specifically addressing the physical, emotional, social, and intellectual development. Special areas of study are: health and safety, special challenges for children, caring for children, and careers working with children.

Course Title: **Careers in Education 9102**  
Recommended Preparation: Child Development or Cross-Age Tutoring, or consent of instructor  
Grade Level: 11, 12  
Length of Course: 2 semesters, two periods = 20 credits

**G**

The Careers in Education course is an introduction to a variety of educational careers with an emphasis on the role of the teacher in public schools. The purpose of the course is to increase the student's knowledge of California schools and teaching, and to guide them in making a decision as to whether to enter the educational profession. There is 240 hours of classroom instruction and 120 hours of community classroom instruction (on site, non-paid, hands on experience). Careers in Education provides an opportunity to look at the role of the teacher: observe teacher-pupil interaction, instructional approaches, classroom management techniques and responsibilities of the K-12 public school teacher during the instructional day. They will also become familiar with basic concepts, practices, theory, credentials, CBEST, school law lesson plans, diversity, and issues related to entering the teaching profession. Earning credit from Fresno State University is optional. Meets the Fine Arts/Foreign Language/CTE course requirement for graduation.

Course Title: **Child Care Occupations 7601**  
Recommended Preparation: Life Skills or Child Development or Consent of Instructor  
Grade Level: 11, 12  
Length of Course: 2 semesters, 2 period class = 20 credits

**G**

Students learn skills associated with jobs in pre-schools and childcare centers. First phase of training toward a childcare teaching license. One day per week is lecture; four days per week are spent in the childcare centers. Meets the Fine Arts/Foreign Language/CTE course requirement for graduation.

Course Title: **Commercial Foods 7751**  
Recommended Preparation: Life Skills or Teacher Recommendation  
Grade Level: 11, 12  
Length of Course: 2 semesters = 10 credits

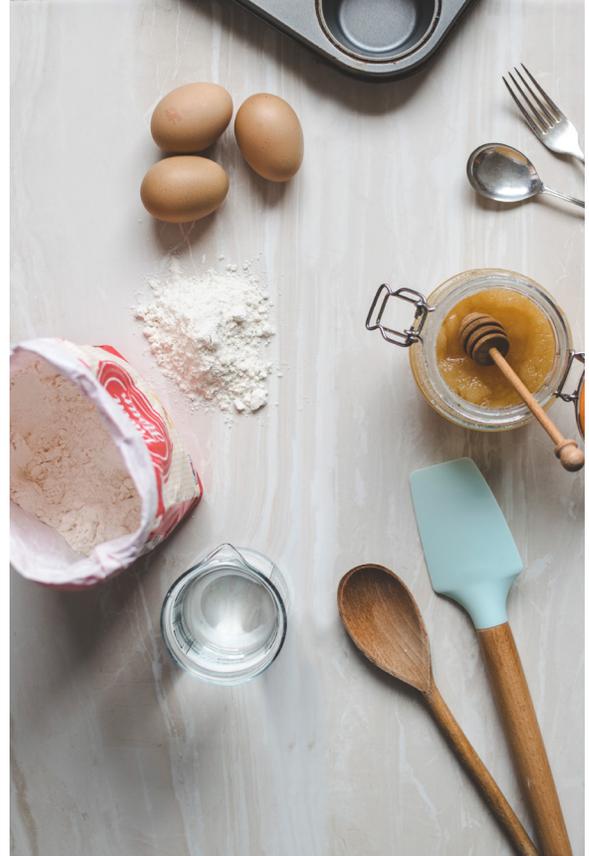
**M**

The restaurant class is designed to provide on the job training and related instruction for students preparing for a job or career in the restaurant industry. The students will spend 360 hours, 2 periods a day, in the restaurant class. Upon completion of this class, the student will be prepared to apply for jobs as baker's helper, cashier, cook's helper, dining room attendant, host or hostess, kitchen helper, salad maker, and waiter or waitress. Meets the Fine Arts/Foreign Language/CTE course requirement for graduation.

Course Title: **Advanced Foods 7725**  
Recommended Preparation: None  
Grade Level: 10, 11, 12  
Length of Course: 2 semesters = 10 credits

**M**

Advanced Foods will introduce students to the fascinating world of foods and nutrition. This course will help students learn to work cooperatively with other students, make wise decisions, and master the important pre-employment skills such as time, energy and money management. Students will prepare foods from the following areas: yeast and specialty breads, spices and herbs, poultry, jelly and candy, pastry, beef, eggs, crepes, and salads. Students will also study consumer buying and nutrition.



## MATHEMATICS

Course Title: **Academic Enrichment**      **9311 - Math Acad. Enrichment A**      **C G H M P S**  
**9321 - Math Acad. Enrichment B**

Recommended Preparation: Recommendation of counselor based on multiple measures (High School Placement Exam, CAASPP Scores, grades, teacher/counselor recommendation, or student study team referral)

Grade Level: 9, 10, 11, 12

Length of Course: 2 semester = 10 credits

This course is for academic support of students performing below grade level as evidenced by placement tests, and grades in core academic classes. The course involves development of study skills, organizational skills, math interventions such as, but not limited to, ALEKS, Accelerated Math, and test preparation strategies and practice.

Course Title: **Consumer Math**      **2650**      **C G M P S**

Recommended Preparation: 10 credits in Integrated Math 1P

Grade Level: 12

Length of Course: 2 semesters = 10 credits

This course is for those students who have fulfilled the Integrated Math 1 requirement for graduation and still need a second year of math to fulfill their math requirement. It presents basic math skills used in everyday situations - paying taxes, buying food, banking and investing, and managing a household.

Course Title: **Integrated Math Skills**      **2930 (Fall)**      **2931 (Spring)**      **S**

Recommended Preparation: 8th grade math STAR scores

Grade Level: 9

Length of Course: 2 semesters = 10 credits

This course is for building the students fluency in math content necessary for their success in Integrated Math I. The content includes numeracy skills (basic operations with integers and fractions), variable usage skills (algebraic expression simplification, equation solving and coordinate graphing of simple linear equations), problem solving strategies and a cursory introduction to the concept of arithmetic sequences.

Course Title: **Integrated Math 1P**      **2760**      **A G H M P S**

Recommended Preparation: 8th Grade Mathematics

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

This course is the first of three courses in an integrated math series that weaves together the more traditional algebraic, geometric, and statistical curriculum. Areas of study for Integrated Math 1 will include understanding relationships between quantities, linear and exponential relationships, reasoning with equations, descriptive statistics, congruence, proof and constructions, and connecting Algebra and Geometry through coordinates. This course meets one year of the College Preparatory Requirement (A-G requirements). The combinations below of courses from an integrated math program (IMP) with other math courses are acceptable to satisfy the "C" math subject requirement.

- IM 1 + IM 2 + IM 3
- IM 1 + Geometry + Algebra 2
- IM 1 + IM 2 + Algebra 2
- Algebra 1 + IM 2 + IM 3
- Algebra 1 + Geometry + IM 3
- IM 1 + Geometry + IM 3

Course Title: **Integrated Math 1 2758**  
Recommended Preparation: 8th Grade Mathematics  
Grade Level: 9, 10, 11, 12  
Length of Course: 2 semesters = 10 credits

**C**

This course is the first of three courses in an integrated math series that weaves together the more traditional algebraic, geometric, and statistical curriculum. Areas of study for Integrated Math 1 will include understanding relationships between quantities, linear and exponential relationships, reasoning with equations, descriptive statistics, congruence, proof and constructions, and connecting Algebra and Geometry through coordinates.

Course Title: **Integrated Math 2P 2761**  
Recommended Preparation: Integrated Math 1P  
Grade Level: 9, 10, 11, 12  
Length of Course: 2 semesters = 10 credits

**A G H M P S**

This course is the second of three courses in an integrated math series that weaves together the more traditional algebraic, geometric, and statistical curriculum. Areas of study of Integrated Math 2P will include quadratic functions and equations, structures of expressions, geometric figures, similarity and right triangle trigonometry, circles and other conics sections, and probability. This course meets one year of College Preparatory Requirement (a-g requirements). The combinations below of courses from an integrated math program (IM) with other math courses are acceptable to satisfy the “C” math subject requirement:

- IM 1 + IM 2 + IM 3
- IM 1 + Geometry + Algebra 2
- IM 1 + IM 2 + Algebra 2
- Algebra 1 + IM 2 + IM 3
- Algebra 1 + Geometry + IM 3
- IM 1 + Geometry + IM 3

Course Title: **Integrated Math 2 2819**  
Recommended Preparation: Integrated Math 1  
Grade Level: 10, 11, 12  
Length of Course: 2 semesters = 10 credits

**G M**

This course is the second of three courses in an integrated math series that weaves together the more traditional algebraic, geometric, and statistical curriculum. Areas of study of Integrated Math 2 will include quadratic functions and equations, structures of expressions, geometric figures, similarity and right triangle trigonometry, circles and other conics sections, and probability.

Course Title: **Integrated Math 3P 2762**  
Recommended Preparation: Integrated Math 2P or Teacher Recommendation  
Grade Level: 10, 11, 12  
Length of Course: 2 semesters = 10 credits

**A G H M P S**

This course is the third of three courses in an integrated math series that weaves together the more traditional algebraic, geometric, and statistical curriculum. Areas of study of Integrated Math 3P will include probability and statistics to draw inferences and conclusions from data. Students will expand their learning of functions that include polynomial, rational, and radical functions, right triangle trigonometry to include general triangles. And, finally, students bring together all of their experience with functions and geometry to create models and solve contextual problems. The Mathematical Practice Standards apply throughout each course and, 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. This course meets one year of College Preparatory Requirement (a-g requirements). The combinations below of courses from an integrated math program (IM) with other math courses are acceptable to satisfy the “C” math subject requirement:

- IM 1 + IM 2 + IM 3
- IM 1 + Geometry + Algebra 2
- IM 1 + IM 2 + Algebra 2
- Algebra 1 + IM 2 + IM 3
- Algebra 1 + Geometry + IM 3
- IM 1 + Geometry + IM 3

Course Title: **Pre-Calculus I (PC #MATH P100)**

**M P**

Recommended Preparation: Successful completion of Integrated Math 3 or Algebra 2 with a grade of “C” or higher

Grade Level: 11, 12

Length of Course: 1 semester = 4 credits

This course is a rigorous college level course in algebra for majors in science, technology, engineering, and mathematics: polynomial, rational, radical, exponential, absolute value, and logarithmic functions, systems of equations, theory of polynomial equations, and analytic geometry. CSU/UC transferable

Course Title: **Pre-Calculus II (PC #MATH P101) CLM101**

**M P**

Recommended Preparation: Math P051, Intermediate Algebra or Algebra 2, or Integrated Math 3

Grade Level: 11, 12

Length of Course: 1 semesters = 5 credits (Weighted grade if student earns a “C” or better) (PC=4 Units)

A study of the meaning of trigonometric ratios, unit circle relations, graphs of the trigonometric and inverse trigonometric functions, trigonometric identities and equations, solving right and oblique triangles, introduction to polar coordinates, complex numbers in the plane, introduction to vectors, conic sections, exponential and logarithmic functions. CSU transferable.

Course Title: **Pre-Calculus P 2875**

**A G H M P S**

Recommended Preparation: Integrated Math 3P with “C” or better both semesters

Grade Level: 10, 11, 12

Length of Course: 2 semesters = 10 credits

Needed for further study in mathematics or any field using mathematics. This course combines pure and applied mathematics. Graphing calculator highly recommended.

Course Title: **Calculus P/AP®- AB 2876**

**G H M P S**

Recommended Preparation: Pre-Calculus P with a “C” or better

Grade Level: 11, 12

Length of Course: 2 semesters = 10 credits (Weighted grade if student takes the AP® Test)

This course presents an intuitive approach to learning limits and derivatives, derivatives of functions of one variable and basic integrations. This study of differential and integral calculus is designed to prepare students for the Advanced Placement Exam in Calculus. A score of 3 or higher on the AP® Exam could result in a student being granted credit and/or advanced placement by colleges. **Students are expected to take the AP® Calculus AB Test to receive weighted credit. Refer to page 9 for weighted scale.**

Course Title: **Calculus P/AP®- BC 2877**

**H M**

Recommended Preparation: Pre-Calculus P with a “B” or better and teacher recommendation

Grade Level: 11, 12

Length of Course: 2 semesters = 10 credits (Weighted grade if student takes the AP® Test)

This course covers all of the topics listed in the Calculus P/AB course in addition to Parametric Curves, l'Hospital's Rule, and Infinite Sequences and Series. **Students are expected to take the AP® Calculus BC Test to receive weighted credit. Refer to page 9 for weighted scale.**

Course Title: **Introduction to Probability and Statistics P 2901**

**A G M P**

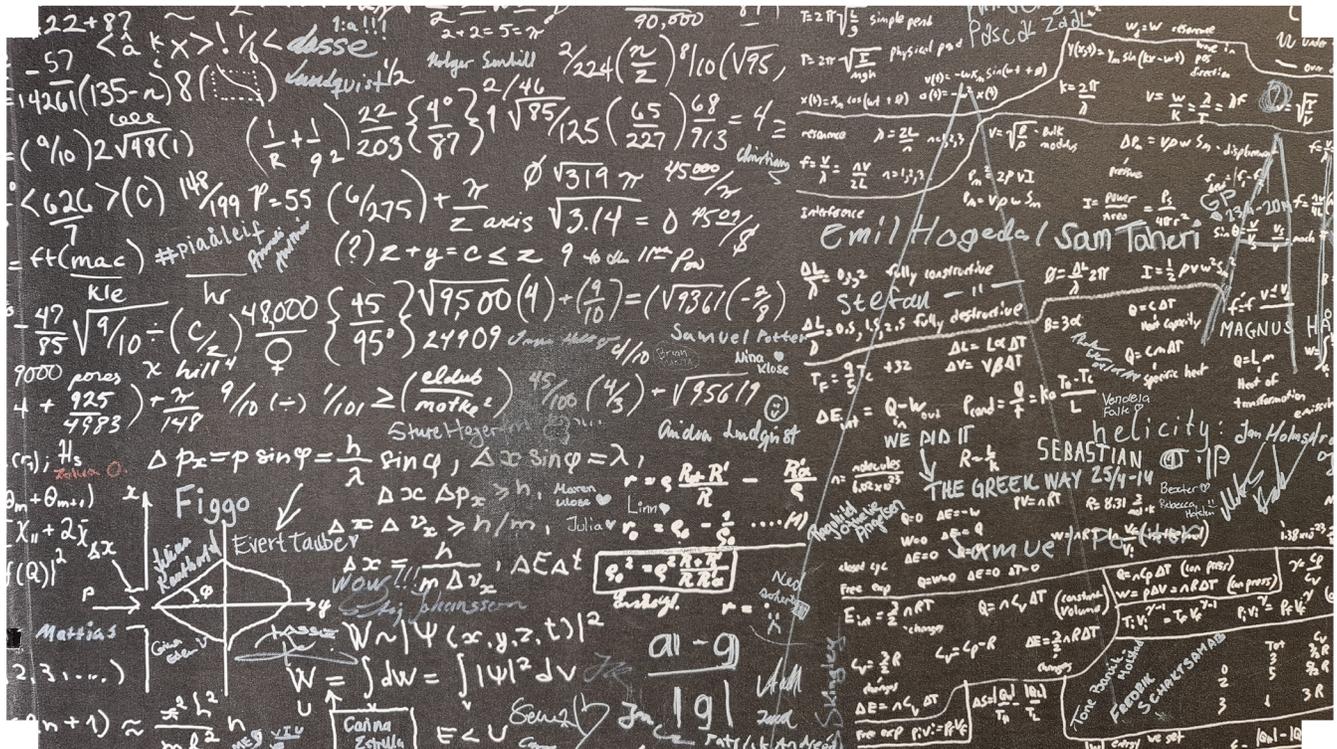
Recommended Preparation: Integrated Math 3P with a “C” or better

Grade Level: 10, 11, 12

Length of Course: 2 semesters = 10 credits

The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, sampling and experimentation, anticipating patterns, and statistical inference.

A study of basic descriptive and inferential statistics. Topics will include graphs and frequency distributions, measures of central tendency and variation, probability, Baye's Theorem, discrete and continuous probability distributions, including the normal and binomial distributions, hypothesis testing with one and two samples, estimation, linear correlation and regression, chi-square procedures (test for goodness of fit and independence), analysis of variance, non-parametric statistics and conducting a study. Each student must have a TI 84 or 84 Plus calculator or a calculator with equivalent statistical functions (with division approval).



## PHYSICAL EDUCATION

Course Title: **Physical Education 1**      **5025**

**G M P**

Recommended Preparation: None

Grade Level: 9

Length of Course: 2 semesters = 10 credits

P.E. is a core curriculum class offering several different activities. Units are 3 to 6 weeks in length and cover basic skills, safety, equipment care, and rules. California Physical Fitness testing included in this course.

Course Title: **Physical Education 1/Health**      **5310**

**C G H S**

Recommended Preparation: None

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

P.E. 1/Health is a core curriculum class offering several different activities. Units are 1 to 4 weeks in length and cover basic skills, safety, equipment care and rules. California Physical Fitness testing included in this course. Additionally health topics will be taught once per week. Must complete full year to meet health graduation requirements.

Course Title: **Physical Education 2**      **5050**

**G H M P S**

Recommended Preparation: None

Grade Level: 10, 11, 12

Length of Course: 2 semesters = 10 credits (May be repeated for credit)

This course is designed to further the physical objectives achieved in the freshman year, to teach skills in various physical activities as well as the continuous emphasis on lifetime fitness. (See page 10 for Physical Education exemption guidelines)

Course Title: **P.E. Frosh Baseball**      **9998**

**M**

Recommended Preparation: "C" or better in P.E. 1 and/or Teacher approval

Grade Level: 10, 11, 12

Length of Course: 1 semester = 5 credits; 2 semesters = 10 credits

This course is for the purpose of improving baseball skills. Counts as P.E. credits for grades 10, 11, 12 only.

Course Title: **P.E. Basketball**      **5100**

**G M P**

Recommended Preparation: "C" or better in P.E. 1 and/or Teacher approval

Grade Level: 10, 11, 12

Length of Course: 1 semester = 5 credits; 2 semesters = 10 credits

This course is for the purpose of improving basketball skills. Counts as P.E. credits for grades 10, 11, 12 only.

Course Title: **P.E. Combatives**      **5125**

**M P**

Recommended Preparation: "C" or better in P.E. 1 and/or Teacher approval

Grade Level: 10, 11, 12

Length of Course: 2 semesters = 10 credits (May be repeated 2 times for a total of 3 years of instruction)

This course is designed for the purpose of improving wrestling skills and building strength and explosive movement through weightlifting and plyometric training. Counts as P.E. credit for grades 10, 11, and 12.

Course Title: **P.E. Tennis 5150**

**G**

Recommended Preparation: "C" or better in P.E. 1 and/or Teacher approval

Grade Level: 10, 11, 12

Length of Course: 2 semesters = 10 credits

Satisfies physical education requirement for 10, 11, and 12 grades. This course is designed with an emphasis on tennis skills and strategy, supplemented with weight training and conditioning. Counts as PE credit for grades 10, 11, and 12.

Course Title: **P.E. Weight Training 5325**

**A G M P S**

Recommended Preparation: "C" or better in P.E. 1 and/or Teacher approval

Grade Level: 10, 11, 12

Length of Course: 2 semesters = 10 credits

This course is designed to improve the strength, speed, endurance, and agility of students in the sophomore, junior, and senior grade levels.

Course Title: **Modified Physical Education 0702**

**A G H P S**

Recommended Preparation: Referrals must originate from a doctor and/or school administrator

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits (May be repeated 3 times)

This specialized course is designed for students who have a limiting physical condition that prevents participation in a regular physical education class. The course provides adapted activities appropriate to the individual student's physical limitations and capabilities.

Course Title: **Adaptive PE**

**M**

Recommended Preparation: None

Grade Level: 9,10,11,12

Length of Course: 2 semesters = 10 credits

Course Title: **P.E. Athletic Weight Conditioning 5300**

**A G H M P S**

Recommended Preparation: "C" or better in P.E. 1 and/or Teacher approval

Grade Level: 9, 10, 11, 12 (9th grade concurrent counts only as an elective)

Length of Course: 2 semesters = 10 credits

This course is designed for the purpose of improving agility and strength for athletics through the use of weights and agility drills. Counts as P.E. credit for grades 10, 11, 12.

Course Title: **Dance 1 (Folkloric Dance) 4300**

**G M P**

Recommended Preparation: None

Grade Level: 9,10,11,12

Length of Course: 2 semesters = 10 credits

Students learn dances of many cultures, but folk dances of Mexico are stressed. Students will perform for schools, the community, and in competitions. Costumes are required for performing groups. This class can meet one year of the P>E. requirement when taken in 10th grade, or it can meet one year of the fine arts requirement when taken in grade 9, 10, 11, or 12.

Course Title: **Dance 2 (Folkloric Dance) 4325**  
Recommended Preparation: Dance 1 or instructor approval  
Grade Level: 10,11,12  
Length of Course: 2 semesters = 10 credits

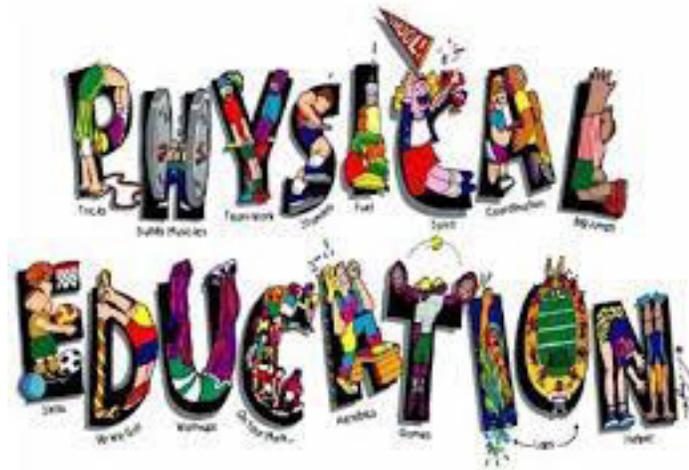
**G M P**

This course satisfies the P.E. requirement. Students learn advanced dances of many cultures, but folk dances of Mexico are stressed. Students will perform for schools, the community, and in competitions. Costumes are required for performing groups. This class can meet one year of the P.E. requirement when taken in 10th grade or can meet one year of the fine arts requirement when taken in grade 9,10,11,12.

Course Title: **Band Auxiliary 5175**  
Recommended Preparation: "C" average in all classes and Instructor approval  
Grade Level: 9, 10, 11, 12  
Length of Course: 1 semester = 5 credits; 2 semesters = 10 credits

**G M P**

During the first semester of school, the Band Auxiliary marches and performs with the school band. After the first semester, freshmen and sophomores enroll in a regular Physical Education class; juniors and seniors may elect to stay or to be placed in another class but will still march and perform with the band throughout the school year. This class can meet one year of the P.E. requirement when taken in 10th grade, or it can meet one year of the fine arts requirement when taken in grade 9, 10, 11, or 12.



## SCIENCE

Course Title: **Biology P 3075**

**A G H M P S**

Recommended Preparation:

Grade Level: 9, 10

Length of Course: 2 semesters = 10 credits

Biology is a yearlong NGSS (Next Generation Science Standards) based course and satisfies the High School life science requirement for graduation. This course meets the UC and CSU "D" requirement. This course will cover the following topics: the structure and function of organisms, the inheritance and variants of traits, the matter and energy in organisms and ecosystems, the interdependent relationships in ecosystems, and natural selection and evolution. Although this course has no specific course prerequisites, it will require students to read text, assigned articles, and books and perform some basic calculations. Information for the NGSS standards is available at [nextgenscience.org](http://nextgenscience.org).

Course Title: **Biology 3070**

**C**

Recommended Preparation:

Grade Level: 9, 10

Length of Course: 2 semesters = 10 credits

Biology is a yearlong NGSS (Next Generation Science Standards) based course and satisfies the High School life science requirement for graduation. This course will cover the following topics: the structure and function of organisms, the inheritance and variants of traits, the matter and energy in organisms and ecosystems, the interdependent relationships in ecosystems, and natural selection and evolution. Although this course has no specific course prerequisites, it will require students to read text, assigned articles, and books and perform some basic calculations. Information for the NGSS standards is available at [nextgenscience.org](http://nextgenscience.org).

Course Title: **Biology P/AP® 3100**

**G H S**

Recommended Preparation: Must have passed Integrated Math 1P with a "C" or better and Biology P or Chemistry P or teacher approval

Grade Level: 10, 11, 12

Length of Course: 2 semesters = 10 credits

This course has been designed to prepare the student to excel on the AP® Biology Exam. Like Biology P, this course deals with the investigation of all living things and explores these topics in greater detail. In addition to learning to do dissections and to work with a microscope, the student will also be introduced to electrophoresis and other biological laboratory techniques. Check with instructor and counselor to determine most effective course sequencing. This course addresses the California State standards and satisfies the high school Life Science requirement for graduation. This class meets the UC and CSU "D" requirement. **Students are expected to take the AP® exam to receive weighted credit. Refer to page 9 for weighted scale.**

Course Title: **Principles of Biology P110 (PC# BIOL P110) CLBI110**

**G**

Recommended Preparation: 2 semesters of high school biology with a C or better

Grade Level: 11, 12

Length of Course: 1 semesters = 10 credits; (Weighted grade if student earns a "C" or better) (PC=4 Units)

An introduction to the general concepts of biology as related to the chemical nature of life, the cell, molecular genetics, heredity and reproduction, ecology, diversity of life, and evolution. Includes a survey of organism structure and function, and the phylogenetic relationships of major groups. Special reference to the bearing of biology on human life. Primarily intended for students majoring in liberal studies for teacher education and to meet general education biological science requirements. (A/CSU/UC) PC-Area E; CSU-B2; CSU-B3; IGETC-5B; IGETC-5C; No UC credit for BIOL P110 if taken after BIOL PIGS or BIOL P106.

Course Title: **Chemistry P 3200**

**A G H P**

Recommended Preparation: It is recommended that students have completed Integrated Math 1P with a “B” or better or currently enrolled in Integrated Math 2 or higher

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10

This is a laboratory-oriented course dealing with properties of matter. Emphasis is placed upon the mathematics of elementary chemistry, atomic-molecular structure, heat and electrical energy in chemical reactions, and the theoretical explanation of why chemical reactions take place. This class meets the UC and CSU “D” requirement. This course addresses the California State Science standards.

Course Title: **Chemistry P/AP® 3225**

**H S**

Recommended Preparation: Chemistry P or Biology P with a “B” or better. Student must have completed Integrated Math 1P with a “B” or better or currently enrolled in Integrated Math 3P or higher; or instructor approval

Grade Level: 10, 11, 12

Length of Course: 2 semesters = 10 credits (Weighted grade)

This course will include all the concepts and topics of chemistry, as well as additional topics to give the student a more advanced understanding and preparation for college work in the field. The class moves at a faster pace, and the procedures used will emphasize and encourage the development of self-reliance and independence in the formation of study habits and procedures needed for work beyond high school. This course is more demanding than regular Chemistry. This course addresses the California State standards and satisfies the high school Physical Science requirement for graduation. **Students are expected to take the AP® exam to receive weighted credit. Refer to page 9 for weighted scale.**

Course Title: **Physics P 3300**

**G H P**

Recommended Preparation: Pre-Calculus should be taken concurrently or teacher approval

Grade Level: 11, 12

Length of Course: 2 semesters = 10 credits

This course is an introduction to physical laws and their interaction and applications. Topics include: Newtonian mechanics, energy, kinetic theory, waves and oscillations, light and optics, modern physics, relativity, electricity, and magnetism. This class meets the UC and CSU “D”. This course addresses the California State Science standards.

Course Title: **Physics-1 P/AP® 3328**

**G**

Recommended Preparation: Successful completion of Pre-Calculus and concurrent enrollment in Calculus strongly recommended or teacher approval

Grade Level: 11, 12

Length of Course: 2 semesters = 10 credits (Weighted grade)

AP® Physics-1 is an algebra-based, introductory college level physics course. Topics include Newtonian mechanics and rotational dynamics, relationship between work, energy and power, mechanical waves and sound, electricity, and electrical circuits. Through inquiry based learning, students will develop scientific critical thinking and reasoning skills. This class meets the UC and CSU “D” requirement and satisfies the high school Physical Science requirement for graduation. The AP® Physics-1 Test is taken in May. Colleges may grant one semester of credit, or advanced placement if students score a 3 or higher on the AP® test. **Students are expected to take the AP® Physics-1 test to receive weighted credit. Refer to page 9 for weighted scale.**

Course Title: **Earth & Space Science P 3030**

**A G H M P S**

Recommended Preparation: None

Grade Level: 9, 10

Length of Course: 2 semesters = 10 credits

Earth and Space is a yearlong NGSS based course and satisfies the high school physical science requirement for graduation. This course meets the UC and CSU “D” requirement. This course will cover the topics of geology, meteorology, physical oceanography, and astronomy. Although this course has no specific course prerequisites, it will require the student to read the text and other assigned articles and books. Information for the NGSS standards is available at [nextgenscience.org](http://nextgenscience.org).

Course Title: **Earth & Space Science 3062** **C**  
Recommended Preparation: None  
Grade Level: 9, 10  
Length of Course: 2 semesters = 10 credits

Earth and Space is a yearlong NGSS based course and satisfies the high school physical science requirement for graduation. This course will cover the topics of geology, meteorology, physical oceanography, and astronomy. Although this course has no specific course prerequisites, it will require the student to read the text and other assigned articles and books. Information for the NGSS standards is available at [nextgenscience.org](http://nextgenscience.org)

Course Title: **Environmental Science P/AP® 3026** **G M**  
Recommended Preparation: Biology (P, or AP®), Chemistry (P, or AP®) with a “C” or better  
Grade Level: 11, 12  
Length of Course: 1 Semester = 5 credits (Weighted grade) G 2 semesters = 10 credits (Weighted grade) M

AP® Environmental Science is an interdisciplinary course that provides students with scientific principles, concepts, and methodologies required to understand environmental issues. This course includes lab work and field trips including work on the GLOBE project. This class meets the UC and CSU “D” requirement and satisfies the high school Life Science and/or Physical Science requirement for graduation. The AP® Environmental Science Test is taken in May; colleges may grant credit or advanced placement for a score of 3 or above on the AP® test. **Students are expected to take the AP® Environmental Science Test to receive weighted credit. Refer to page 9 for weighted scale.**

Course Title: **Physiology P 3125** **A G H M P S**  
Recommended Preparation: Completion of Biology P with a grade of “C” or better  
Grade Level: 11, 12  
Length of Course: 2 semesters = 10 credits

This is an advanced lab course dealing with the structure and function of the systems of the human body. This class has considerable lab work, including a complete mammal dissection. This class meets the UC and CSU “D” requirement and satisfies the high school Life Science requirement for graduation.

Course Title: **Integrated Physical Science P 3178** **A G M P S**  
Recommended Preparation: Earth & Space Science and Life Science  
Grade Level: 11,12  
Length of Course: 2 semesters = 10 credits

Physical Sciences provides instruction in physics, chemistry, earth and space sciences, as well as the life sciences. Throughout this course, students will demonstrate their understanding of core ideas and enhance their skills in certain scientific practices as they develop and use models, plan and conduct investigations, analyze and interpret data, use mathematical and computational thinking, and construct explanations. Course topics will include The Structure and Properties of Matter; Chemical Reactions; Nuclear Processes; Forces and Motion; Gravitational, Electrical, and Magnetic Interactions; Energy; Conservation of Energy and Energy Transfer; Relationships between Energy and Forces; Energy in Chemical Reactions and Processes; Wave Properties; Electromagnetic Radiation; Information Technologies and Instrumentation; and Engineering Design and Optimization.

Course Title: **Integrated Physical Science 3170** **C**  
Recommended Preparation: Earth & Space Science and Life Science  
Grade Level: 11,12  
Length of Course: 2 semesters = 10 credits

Physical Sciences provides instruction in physics, chemistry, earth and space sciences, as well as the life sciences. Throughout this course, students will demonstrate their understanding of core ideas and enhance their skills in certain scientific practices as they develop and use models, plan and conduct investigations, analyze and interpret data, use mathematical and computational thinking, and construct explanations. Course topics will include The Structure and Properties of Matter; Chemical Reactions; Nuclear Processes; Forces and Motion; Gravitational, Electrical, and Magnetic Interactions; Energy; Conservation of Energy and Energy Transfer; Relationships between Energy and Forces; Energy in Chemical Reactions and Processes; Wave Properties; Electromagnetic Radiation; Information Technologies and Instrumentation; and Engineering Design and Optimization.

## SOCIAL SCIENCE

Course Title: **World History P 1075**  
Recommended Preparation: None  
Grade Level: 10  
Length of Course: 2 semesters = 10 credits

**A G H M P S**

World History P is a California Standards based course in which the focus of study is upon western political ideology from 1750 to present. Students will develop an understanding of current world issues and relate them to their historical, geographic, political, economic, and cultural contexts.

Course Title: **World History P Honors 1100**  
Recommended Preparation: Teacher and Counselor approval  
Grade Level: 10  
Length of Course: 2 semesters = 10 credits; (Weighted grade)

**A G H P S**

Primary focus is upon modern world history from 1750 to present. Man's achievements in the arts, sciences, politics, and economics are stressed through a chronological study. There are advanced studies of geography; of the origin and evolution of democracy; and of modern world problems. Critical thinking skills will be applied to primary documents. Research, writing and presentation skills are stressed. Students will be required to complete independent projects and oral presentations.

Course Title: **U.S. History P 1225**  
Recommended Preparation: None  
Grade Level: 11  
Length of Course: 2 semesters = 10 credits (Weighted grade)

**A G H M P S**

U.S. History P is a California Standards based course in which the focus of study is upon modern United States history from 1900 to the present. Students will gain a better understanding of the development of American society from the Progressive Era to the present and the cause and effect relationship among the important events of American history. Students are also expected to demonstrate knowledge of American geography. Research, writing and presentation skills are taught.

Course Title: **U.S. History P/AP® 1250**  
Recommended Preparation: Teacher Approval  
Grade Level: 11  
Length of Course: 2 semesters = 10 credits (Weighted grade)

**G H M P S**

The AP® program in United States History is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. The AP® United States History course will develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. **Students are expected to take the AP® U.S. History Test to receive weighted credit. Refer to page 9 for weighted scale.**

Course Title: **World History P 1075**  
Recommended Preparation: None  
Grade Level: 10  
Length of Course: 2 semesters = 10 credits

**A G H M P S**

World History P is a California Standards based course in which the focus of study is upon western political ideology from 1750 to present. Students will develop an understanding of current world issues and relate them to their historical, geographic, political, economic, and cultural contexts.

Course Title: **World History P Honors 1100**  
Recommended Preparation: Teacher and Counselor approval  
Grade Level: 10  
Length of Course: 2 semesters = 10 credits; (Weighted grade)

**A G H P S**

Primary focus is upon modern world history from 1750 to present. Man's achievements in the arts, sciences, politics, and economics are stressed through a chronological study. There are advanced studies of geography; of the origin and evolution of democracy; and of modern world problems. Critical thinking skills will be applied to primary documents. Research, writing and presentation skills are stressed. Students will be required to complete independent projects and oral presentations.

Course Title: **U.S. History P 1225**  
Recommended Preparation: None  
Grade Level: 11  
Length of Course: 2 semesters = 10 credits (Weighted grade)

**A G H M P S**

U.S. History P is a California Standards based course in which the focus of study is upon modern United States history from 1900 to the present. Students will gain a better understanding of the development of American society from the Progressive Era to the present and the cause and effect relationship among the important events of American history. Students are also expected to demonstrate knowledge of American geography. Research, writing and presentation skills are taught.

Course Title: **U.S. History P/AP® 1250**  
Recommended Preparation: Teacher Approval  
Grade Level: 11  
Length of Course: 2 semesters = 10 credits (Weighted grade)

**G H M P S**

The AP® program in United States History is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. The AP® United States History course will develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. **Students are expected to take the AP® U.S. History Test to receive weighted credit. Refer to page 9 for weighted scale.**

Course Title: **AP European History 1260**  
Recommended Preparation: None  
Grade Level: 10, 11, 12  
Length of Course: 2 semester = 10 credits (Weighted grade)

**M**

AP European History is designed to be the equivalent of a two-semester introductory college or university European history course. In AP European History students investigate significant events, individuals, developments, and processes in four historical periods from approximately 1450 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course also provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction of Europe and the world; poverty and prosperity; objective knowledge and subjective visions; states and other institutions of power; individual and society; and national and European identity.

Course Title: **History 117- History of the US from the Colonial Period to 1877 (PC #HIST P117) CLHI17 P**  
Recommended Preparation: Prerequisites: World History Honors and a 3.0 GPA or higher  
Grade Level: 11  
Length of Course: 1 semester = 5 credits

A survey of the historical, political, and social development of the United States from the beginning of the colonial period to 1877.

Course Title: **History 118 - History of the United States fro 1865 to the Present (PC #HIST P118)** CLHI18 P  
Recommended Preparation: Hist 117 with a C or Better  
Grade Level: 11  
Length of Course: 1 semester = 5 credits

A survey of the historical, political, and social development of the United States from 1865 to the present.

Course Title: **Economics P 1425** A G H M P S  
Recommended Preparation: None  
Grade Level: 12  
Length of Course: 1 semester = 5 credits

Economics P focuses upon the fundamental economic concepts and institutions of economic systems. In Economics P, students learn to make reasoned decisions on economic issues as citizens, workers, consumers, and members of civic groups. Research, writing, and presentation skills are emphasized.

Course Title: **Principles of Microeconomics CLEC01 (PC # ECONP101)** P  
Recommended Preparation: Total GPA of 3.0 or above and math placement as determined by the PC Multiple Measures Process  
Grade Level: 12  
Length of Course: 1 semester = 5 credits

This introductory economics course focuses on economic choices at the individual, firm, and industry levels. Topics include scarcity, supply and demand, market equilibrium, elasticity, production and cost theory, market structures, specialization and trade, factor markets, and market failure. This course is required of all business administration majors.

Course Title: **Civics P 1325** A G H M P S  
Recommended Preparation: None  
Grade Level: 12  
Length of Course: 1 semester = 5 credits

Civics P is a California Standards based course in which the focus of study is the structure, function, and documents of American government. Civics is designed to provide civic literacy as students prepare to vote, participate in community activities and assume the responsibilities of citizenship.

Course Title: **American Government (PC #POL S P101) CLP001** G P S  
Recommended Preparation: Non  
Grade Level: 12  
Length of Course: 1 semester = 5 credits

This course is an introduction to American and California Government. It incorporates a comprehensive survey of the dynamics of the American political process at the federal and state level. This course satisfies the educational code requirement in the U.S. Constitution, and state and local government of California.

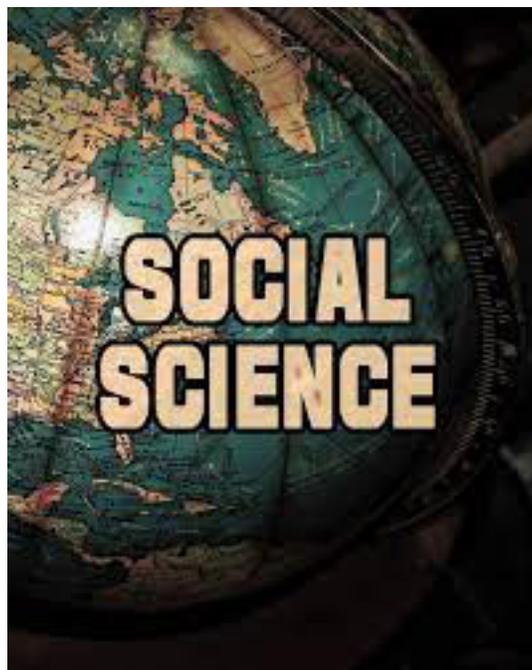
Course Title: **Civics P/AP® 1350** H M S  
Recommended Preparation: Teacher Approval  
Grade Level: 12  
Length of Course: 1 semester = 5 credits (Weighted grade)

Civics AP® (American Government AP®) studies the underpinnings of American Democracy. The course examines both the theoretical foundations as well as the practical applications of our federal system. In addition, and as a constant concern, this class will prepare students to take the AP® Government exam in May. Preparation for this exam will require striking a balance between acquiring factual knowledge and developing critical thinking skills of analysis, interpretation, synthesis, and evaluation as demonstrated through the written essay. Students are expected to complete a summer reading assignment prior to entry into the class. **Students are expected to take the AP® exam in order to receive the weighted grade. Refer to page 9 for weighted scale.**

Course Title: **Psychology P/AP**                      **1360**  
Recommended Preparation: None  
Grade Level: 11, 12  
Length of Course: 2 semesters = 10 credits (Weighted grade)

**G M**

The Psychology AP® course is designed to introduce students to the systematic and scientific study of the behavior of mental processes of human beings and 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 psychologist uses in their science and practice. **Students are expected to take the AP exam in order to receive the weighted grade. Refer to page for weighted scale.**



## SPECIAL EDUCATION

*Courses in Special Education are determined by the IEP team only after accommodations and modifications in the general education program have been exhausted and determined unsuccessful in meeting the student's needs. Enrollment in such courses requires IEP meetings with supporting documentation where the team agrees that such courses are required to meet the individual needs of the student.*

Course Title: **English (1) 1500** **G M S**  
Recommended Preparation: Recommendation of the Student Study Team/Academic Testing/IEP team and parent approval  
Grade Level: 9, 10, 11, 12  
Length of Course: 1 to 4 years = 10 credits per year

Provides specialized academic instruction, practice, and review or extension of strategies within the ELA components of phonological and phonemic awareness, letter naming, and high frequency words, phonics, and decoding. Course targets specialized academic instruction of foundational skills as identified in individual IEP goals and objectives as well as access to grade level common core standards.

Course Title: **English (2) 1525** **G M P S**  
Recommended Preparation: Recommendation of the Student Study Team/Academic Testing/IEP team and parent approval  
Grade Level: 9, 10, 11, 12  
Length of Course: 1 to 4 years = 10 credits per year

Provides specialized academic instruction and practice of ELA concepts such as text structure, building background knowledge, making relevant connections to text, asking questions, inferring, summarizing, and synthesizing through independent reading, reflective journaling, written summaries and open response questions. Course provides practice of phonics, fluency, spelling, vocabulary, comprehension and writing for IEP goals and access to grade level common core standards.

Course Title: **Math (1) 2500** **G M P S**  
Recommended Preparation: Recommendation of the Student Study Team/Academic Testing/IEP team and parent approval  
Grade Level: 9, 10, 11, 12  
Length of Course: 1 to 4 years = 10 credits per year

Provides specialized academic instruction, practice and review or extension of strategies within the Mathematics concepts of counting and cardinality, number sense, base ten concepts, place value, and basic operations of adding, subtracting, multiplying and dividing, and the real world applications of these concepts and operations. This course targets foundational math skills for individual IEP goals and objectives as well as access to grade level common core standards.

Course Title: **Math (2) 2525** **G M P S**  
Recommended Preparation: Recommendation of IEP team/parent approval  
Grade Level: 9, 10, 11, 12  
Length of Course: 1 to 4 years = 10 credits per year

Provides specialized academic instruction, practice and review or extension of strategies within the Mathematics concepts of multidigit and multi-step operations, integer operations, equations and expressions, graphing, algebra concepts and operations with real world applications. Course targets individual IEP goals and objectives as well as access to grade level common core standards.

Course Title: **Integrated Math (1) 2705**

**G P S**

Recommended Preparation: Recommendation of the Student Study Team/Academic Testing/IEP team and parent approval

Grade Level: 9, 10, 11, 12

Length of Course: 1 year = 10 credits

Provides specialized academic instruction where students learn traditional algebraic, geometric, and statistical curriculum within an integrated structure. Areas of study for Integrated Math 1 will include understanding relationships between quantities, linear and exponential relationships, reasoning with equations, descriptive statistics, congruence, proof and constructions, and connecting Algebra and Geometry through coordinates. Meets the California Algebra requirement for graduation. This course targets foundational Integrated Math 1 skills for individual IEP goals and objectives as well as access to grade level common core standards.

Course Title: **Life Skills (2) 7500**

**M**

Recommended Preparation: None

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

This course provides specialized academic instruction on activities of daily living to prepare students to live independently. Students will learn skills including basic hygiene, basic first aid, planning healthy meals.

Course Title: **Academic Enrichment**

**G H M P S**

**9312 - English Enrichment (2)**

**9313 - Math Enrichment (2)**

Recommended Preparation: Recommendation of counselor based on multiple measures (High School Placement Exam, CAASPP Scores, grades, teacher/counselor recommendation, or student study team referral)

Grade Level: 9, 10, 11, 12

Length of Course: 1 semester = 5 credits

This course is for academic support of students performing below grade level as evidenced by placement tests, CAASPP, and grades in core academic classes. The course involves development of study skills, organizational skills, reading and math interventions such as, but not limited to, Learning 100, accelerated reading and math, and test preparation strategies and practice.

## TRADES AND INDUSTRY

Course Title: **Exploring Applied Technology 8000** **M**  
Recommended Preparation: None  
Grade Level: 9  
Length of Course: Four quarters, 2.5 credits each quarter

A 4 quarter introductory course. This class leads to more advanced courses in Trades and Industry.  
Monache High: Drafting, metal technology and wood technology.

Course Title: **Auto Technology 1 8200** **P**  
Recommended Preparation:  
Grade Level: 9, 10, 11,  
Length of Course: 2 semesters = 10 credits

Auto Technology 1 is a basic course in automotive electrical, fuel systems, and basic engine fundamentals. Emphasis is on learning the theories of how the automobile engine works. Course will show how sciences, mathematics and technologies relate to the automotive industry.

Course Title: **Auto Technology 2 8225** **P**  
Recommended Preparation: Auto Technology 1 with a grade of "C" or better and Teacher approval  
Grade Level: 10, 11, 12  
Length of Course: 2 semesters = 10 credits

This is a course which will concentrate on the drive-train, chassis, brakes, steering and suspension of the automobile. Students will learn safety aspects of the automotive industry. Meets the Fine Arts/Foreign Language/CTE course requirement for graduation.

Course Title: **Auto Technology 3 8250** **P**  
Recommended Preparation: C or better in Auto pre or teacher approved  
Grade Level: 11, 12  
Length of Course: 2 semesters = 10 credits

This is an advanced auto course designed to improve skills that could lead to employment in the automotive industry. Students should have good comprehension of automotive theory in all areas of the automobile. Students will focus on the basics of computer controls, emission systems and the relationship between these two systems. Meets the Fine Arts/Foreign Language/CTE course requirement for graduation.

Course Title: **Electronics 1 8100** **M P**  
Recommended Preparation: None  
Grade Level: 9, 10, 11, 12  
Length of Course: 2 semesters = 10 credits

This is a hands-on course in which students learn analog and digital electronics. Topics covered include component identification, ohm's law, circuit theory, troubleshooting, and circuit layout and construction. This course is recommended for both tech prep and college prep students working toward careers in electronics, computer technology, video production and engineering.

Course Title: **Welding and Machine Manufacturing 1**      **8425**      **M**  
Recommended Preparation: Exploring Applied Technology or Instructor approval  
Grade Level: 9, 10, 11, 12  
Length of Course: 2 semesters = 10 credits

This class is for students who want to learn to weld or develop the skills necessary to become a machine operator or machinist. The welding portion covers arc welding, oxyacetylene welding, and gas metal arc welding (MIG). The machine tool portion covers lathe operations, milling machine operations and an introduction to computer aided design (CAD) and computer aided manufacturing (CAM).

Course Title: **Advanced Welding & Manufacturing**      **8476**      **M**  
Recommended Preparation: Welding and Machine Manufacturing 1 with a grade of "C" or better or Agriculture Mechanics 2 with a grade of "C" or better or teacher recommendation  
Grade Level: 11, 12  
Length of Course: 2 semesters, 2 periods = 20 credits

Manufacturing techniques in metals are the major elements of this course. Students will design and produce a minimum of one project in oxyacetylene welding and conventional electric arc welding, TIG (Heliarc) welding, MIG (semi-automatic) welding, ornamental iron and structural angle development. Students will use lathes, mills, foundry, and other available equipment for construction of projects. Manufacturing projects are encouraged. **Meets the Fine Arts/Foreign Language/CTE course requirement for graduation.**

Course Title: **Trades and Industry Foreman**      **8975**      **M P**  
Recommended Preparation: Teacher approval (Must meet criteria on page 11 as outlined for student assistant)  
Grade Level: 11, 12  
Length of Course: 2 semesters = 10 credits

Course allows students to develop leadership and apply skills by helping other students. Maintenance of equipment and facilities is incorporated.

Course Title: **Engineering Design 1**      **8900**      **P**  
Recommended Preparation: Integrated Math 1P or concurrent enrollment  
Grade Level: 9, 10, 11, 12  
Length of Course: 2 semesters = 10 credits

An introductory course in machine drawing created specifically for students interested in the fields of engineering, design, drafting or architecture. Students will work on assignments that help them develop the ability to analyze the problem and relate the mathematical principles that are involved in its solution. The class provides a good foundation for the fine arts student by developing skills in pictorial drawing, industrial design, sketching and other drawing techniques.

Course Title: **Engineering Design 2**      **8925**      **P**  
Recommended Preparation: Engineering Design 1 or Instructor approval  
Grade Level: 10, 11, 12  
Length of Course: 2 semesters = 10 credits

An advanced course in engineering drawing designed to meet the needs of the draftsman and pre-engineering student. Each phase of type or type of drawing is covered so the student will be familiar with all phases of machine drafting and computer-aided design. **Meets the Fine Arts/Foreign Language/CTE course requirement for graduation.**

Course Title: **Architectural Design P 8725** **M P**  
Recommended Preparation: Engineering Design/ or Exploring Applied Technology/ or Introduction to Drafting/ or Teacher approval  
Grade Level: 10, 11, 12  
Length of Course: 2 semesters = 10 credits

This course is intended to implement the design elements and principles that go into planning imaginative and aesthetically pleasing residential homes to accommodate different lifestyles. Each step or phase of design is covered to provide opportunities for the students to express creatively their own ideas, utilizing concepts developed through the study of architecture. Meets the PUSD Fine Arts graduation requirement and UC A-G Fine Arts requirement. **Meets the Fine Arts/Foreign Language/CTE course requirement for graduation.**

Course Title: **Architecture Design 2 8800** **P**  
Recommended Preparation: Engineering Design, Architectural Design, or Drafting with a "C" or better, or Teacher recommendation  
Grade Level: 11, 12  
Length of Course: 2 semesters = 10 credits

This course consists of the designing and drawing of a house the first semester. The second semester consists of surveying, house design, two-point perspective and airbrushing. **Meets the Fine Arts/Foreign Language/CTE course requirement for graduation.**

Course Title: **Machine Woodworking 1 8500** **M P**  
Recommended Preparation: Exploring Applied Technology or Teacher approval  
Grade Level: 9, 10, 11, 12  
Length of Course: 2 semesters = 10 credits

Students will learn proper use of woodworking power tools as well as safe work habits in a shop environment. Students will learn project planning and estimating. Students will construct required projects. Upon completion of required projects, students will do projects of their own choosing. Students will learn tool grinding (chisels, lathe tools). Students will be introduced to building construction and wall framing methods.

Course Title: **Machine Woodworking 2 8525** **P**  
Recommended Preparation: Machine Woodworking 1 with a grade of "C" or better  
Grade Level: 11, 12  
Length of Course: 2 semesters = 10 credits

Students will increase their knowledge base in woodworking through the construction of projects. Project design, estimating, and layout will be an integral part of the class. Students will be exposed to more advanced building construction methods and terminology. **Meets the Fine Arts/Foreign Language/CTE course requirement for graduation.**

## VISUAL AND PERFORMING ARTS

### ART

(All classes meet High School Fine Arts requirement)

Course Title: **Art 1 P 3999 A Art 1 4000 A**

Recommended Preparation: None

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

This course is an introduction to aesthetic fundamentals of the visual arts. Main areas of study are drawing, painting, design, lettering, color study, and some work in third dimension. The elements and principles are introduced as well as art history and art perception.

Course Title: **Foundations in Visual Arts P 4430**

**A G M P S**

Recommended Preparation: None

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

This course teaches fine arts techniques and design principles in the context of the media formats that dominate students' visual world. Students study art created for various purposes, contexts, and audiences and then create a similar variety of their own work. They learn art techniques as well as 21st century skills through projects to design and create media products. Students explore careers by assuming the roles of creative professionals and engaging in visual problem solving as those professionals do. This course meets the UC "F" Fine Art requirement.

Course Title: **Art 2P 4025**

**A G M P S**

Recommended Preparation: Art 1 or Foundations in Visual Arts P with "C" or higher in both semesters or teacher recommendation

Grade Level: 10, 11, 12

Length of Course: 2 semesters = 10 credits

Stresses art structure and the organization and design of composition. Skills are developed using a variety of media which can include ink, charcoal, pencil, paper collage, printing, painting, and introduction to 2D animation as well as introduction to 3D media. Elements of Art History are further explored. This class may be repeated. This class will satisfy UC and CSU fine arts "F" requirement.

Course Title: **Art 3P 4050**

**G M P**

Recommended Preparation: Art 2 with "C" or higher in both semesters or Teacher recommendation

Grade Level: 10, 11, 12

Length of Course: 2 semesters = 10 credits

Art 3 students are involved with the same media as Art 2 but are allowed more freedom to pursue areas of personal interest on a portfolio development. This class may be repeated. This class will satisfy UC and CSU fine arts requirement.

Course Title: **Computer Graphic Animation P 4165**

**P S**

Recommended Preparation: Art 1 or Photography or Foundations in Visual Arts P

Grade Level: 10, 11, 12

Length of Course: 2 semesters = 10 credits

CG Animation is an introduction to the use of 3D animation software and the creation of virtual environments and animation using industry standards of storyboarding, character development in sketches, modeling techniques of virtual objects and environments and later animation of character(s) and the use of dynamics. Students interested in engineering and advanced computer skills will benefit from this course. This class will satisfy UC and CSU fine arts "F" requirement.

Course Title: **3-Dimensional Design P 4100** **G**  
Recommended Preparation: Art 1, 2P, or 3P or Teacher recommendation  
Grade Level: 10, 11, 12  
Length of Course: 2 semesters = 10 credits

This fine arts class introduces students to 3-D aspects of aesthetics and creativity through painting and other media such as clay, wood, wire and plaster. This class will satisfy UC and CSU fine arts "F" requirement.

Course Title: **3-Dimensional Design 2P 4125** **G**  
Recommended Preparation: 3-Dimensional Design P with "C" or higher or Teacher recommendation  
Grade Level: 10, 11, 12  
Length of Course: 2 semesters = 10 credits

An extension of 3-Dimensional Design with emphasis on more advanced exploration of clay, and other media. Opportunity is given for emphasis on individual direction. 3-D may be repeated for credit with permission of instructor. This class will satisfy UC and CSU "F" requirement.

Course Title: **Ceramics P 4150** **G M P S**  
Recommended Preparation: Art 1 or Foundations in Visual Art & Design or Teacher recommendation  
Grade Level: 10, 11, 12  
Length of Course: 2 semesters = 10 credits

Offers exploration in hand and wheel construction techniques, with emphasis on individual aesthetic development and experimental approaches. Students will be exposed to different clays and glazes and their application to ceramics. Students will also learn about the historic and cultural aspects of the ceramic arts. This class may be repeated for credit. This class will satisfy UC and CSU "F" requirement.

Course Title: **Ceramics 2 4152** **G P**  
Recommended Preparation: Completion of Ceramics 1P with a grade of C or better  
Grade Level: 11, 12  
Length of Course: 2 semesters = 10 credits

Ceramics 2 continues to explore the practice of the hand and wheel construction techniques learned in Ceramics 1P. Students will be encouraged to experiment with ceramics at an advanced level, therefore, creating art that will be individualized according to ability levels. Wheel-throwing techniques will be further explored as well as advanced glazing techniques.

Course Title: **Photography P 4226** **G H M**  
Recommended Preparation: Photography or permission of instructor  
Grade Level: 11, 12  
Length of Course: 2 semesters = 10 credits

Photography P is an expanded content course in black and white photography. Digital photography and computer technology will be part of the course. Students will expand their knowledge and skill in equipment, materials, methods, processes and artistic evaluation. This course meets UC "F" requirement for Visual/Performing Arts.

Course Title: **Commercial Art 4200** **P**  
Recommended Preparation: Art 1 or teacher recommendation  
Grade Level: 10, 11, 12  
Length of Course: 2 semesters = 10 credits

Students will learn to use digital photography, retouching, and manipulation for commercial use. Students will learn current presentation technologies, logo design, and graphic layout.

Course Title: **Yearbook: Digital Media Design P M P 9427** **A 9428** **H 9429**

Recommended Preparation: Students with a B or better in English or teacher recommendation

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

Yearbook Digital Multimedia Design is a course designed for students who are interested in exploring the real-world applications of the arts. The course focuses on design and how it pertains to a variety of creative techniques including digital photography, desk top publishing, and the digital darkroom. Students develop skills in technology based programs, problem solving, communication and time management that contribute to lifelong learning and career skills. The course follows Visual and Performing Arts course standards.

## **DANCE**

(All classes meet High School Fine Arts requirement)

Course Title: **Dance 1 (Folkloric) 4300**

**G M P**

Recommended Preparation: None

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

Students learn dances of many cultures, but folk dances of Mexico are stressed. Students will perform for schools, the community, and in competitions. Costumes are required for performing groups. This class can meet one year of the P.E. requirement when taken in 10th grade, or it can meet one year of the fine arts requirement when taken in grade 9, 10, 11, or 12.

Course Title: **Dance 2 (Folkloric) 4325**

**G M P**

Recommended Preparation: Dance 1 or instructor approval

Grade Level: 10, 11, 12

Length of Course: 2 semesters = 10 credits

This course satisfies the P.E. requirement. Students learn advanced dances of many cultures, but folk dances of Mexico are stressed. Students will perform for schools, the community, and in competitions. Costumes are required for performing groups. This class meets the one year fine arts graduation requirement, if not taken for P.E. credit.

Course Title: **Dance Elements and Interpretation P 4335**

**A**

Recommended Preparation: None

Grade Level: 9

Length of Course: 2 semesters = 10 credits

Students learn basic dance terminology and dance techniques. Focus will be on proper alignment and the elements of dance. Students will learn dances of many cultures. Students will perform for schools, the community and in competitions.

## **DRAMA**

(All classes meet High School Fine Arts requirement)

Course Title: **Play Production P 4425 P 4424 A**

Recommended Preparation: Audition and permission of the instructor

Grade Level: 10, 11, 12

Length of Course: 2 semesters = 10 credits

A course designed to involve students in all phases of theatre production: acting, directing, technical, and business. The class will present two major shows each year. This course meets the U.C. "F" Visual and Performing Arts requirements. May be repeated for credit.

## MUSIC

(All classes meet High School Fine Arts requirement)

Course Title: **Glee 4500**

**M P**

Recommended Preparation: Desire to sing and to learn

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

Musicianship, basic reading skills, and vocal techniques taught at a beginning level in a mixed ensemble setting. Designed for students with alto or soprano voices. Public performances are a part of the course.

Course Title: **Chamber Choir/Madrigals P 4725**

**G M P**

Recommended Preparation: Teacher approval based on audition

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

The most advanced performing ensemble on campus. Students must pass the audition, receive director's approval, and commit to performance schedule. This class concentrates on performance of Renaissance madrigal music, pop, classical styles, sacred and secular. The group provides a program resource for community organizations and participates in rated choir festivals. Public performances are a part of the course. This is a 0 period class and students should be concurrently enrolled in Advanced Bass, Treble Ensemble, or Concert Choir.

Course Title: **Concert Choir P 4700**

**A G H M P S**

Recommended Preparation: Teacher approval based on audition

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

Musicianship, vocal techniques, and performance techniques taught at an intermediate to advanced level in a mixed ensemble setting. A high volume of quality choral literature is performed in a variety of concert performances throughout the year. Time outside of school is a large requirement. A 2.5 GPA is recommended, but not required.

Course Title: **Music Elements P 4875**

**P**

Recommended Preparation: Instructor approval

Grade Level: 11, 12

Length of Course: 2 semesters = 10 credits

This course is designed for the advanced music student who is interested in further study of music theory. The course includes the study of harmony, ear training, music history and composition. The course serves as an introduction to the course of study followed by most colleges in music theory.

Course Title: **Bass Clef/Glee 4550**

**M P**

Recommended Preparation: None

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

Class for upper range varies with the fundamental techniques of singing and reading music through various styles of music. This is a preparation choir for membership in the concert choir.

Musicianship, basic reading skills, vocal techniques, and performance techniques taught at a beginning to intermediate level in an all treble voice ensemble setting. Choral literature is performed in five concert performances throughout the year. Time outside of school is a moderate requirement.

Course Title: **Bass Clef P 4525**

**G H M S**

Recommended Preparation: Teacher approval based on audition

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

Musicianship, basic reading skills, vocal techniques, and performance techniques taught at a beginning to intermediate level in an all treble voice ensemble setting. Choral literature is performed in five concert performances throughout the year. Time outside of school is a moderate requirement.

Course Title: **Treble Choir P 4625**

**G H M P S**

Recommended Preparation: Teacher approval based on audition

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

Musicianship, basic reading skills, vocal techniques, and performance techniques taught at a beginning to intermediate level in an all treble voice ensemble setting. Choral literature is performed in five concert performances throughout the year. Time outside of school is a moderate requirement.

Course Title: **Woodwinds 4800**

**G M P S**

Recommended Preparation: None

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

This course is designed to improve playing skills on woodwind instruments, develop music reading techniques. Instrument availability is very limited. The goal of the course is promotion to the high school band.

Course Title: **Brass 4825**

**G M P S**

Recommended Preparation: None

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

This course is designed to improve playing skills on brass instruments, develop music reading techniques. Instrument availability is very limited. The goal of the course is promotion to the high school band.

Course Title: **Percussion 4850**

**G M P S**

Recommended Preparation: None

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

This course is concentrated on rhythm reading and proper playing techniques of the percussion instruments. Drum sticks are required. The goal of the course is promotion to the high school band.

Course Title: **Orchestra P 4900**

**G H M P S**

Recommended Preparation: Prior instruction in instrument concerned and instructor approval

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

The individual school orchestras often combine to perform throughout the community. The orchestra performs a wide variety of classical and popular music at concerts and community organizations. **The orchestra program is housed at Harmony Magnet Academy periods 1-3.** Please see page 103-104 for a description of orchestra.

Course Title: **Advanced High School Band P 4925**  
Recommended Preparation: Instructor approval usually through audition  
Grade Level: 9, 10, 11, 12  
Length of Course: 2 semesters = 10 credits (may be repeated 3 times for credit)

**A G H M P S**

The Granite Hills "Grizzly Band", the Monache High "Marauder Band", the Porterville High "Panther Band", and the Strathmore High "Spartan Band" are the most advanced instrumental classes on each campus. The main purpose of this course is to train musicians in the playing and marching skills needed to produce a unit capable of performing music of the highest caliber. First semester is usually parades and half-time shows, while second semester concentrates on concert performances and CMEA festival. Participation in addition to assigned class hours (including travel) is required.

Course Title: **Jazz Band P 4950**  
Recommended Preparation: Instructor approval  
Grade Level: 10, 11, 12  
Length of Course: 2 semesters = 10 credits

**G M P S**

The Granite Hills "Jazz Band", the Monache "Stage Band", the Porterville "Fabulous Studio Band", and the Strathmore High "Jazz Ensemble" are the small group performance bands on each campus. Big band jazz music is covered with an emphasis on public performance and travel. Rigorous audition procedures are followed and acceptance is by instructor approval only.

Course Title: **Fundamentals of Guitar 4506**  
Recommended Preparation: None  
Grade Level: 9, 10, 11, 12  
Length of Course: 2 semesters = 10 credits

**M P**

This introductory course is designed to develop or improve proper playing techniques of the guitar, develop music reading techniques, and develop an appreciation of a wide variety of music styles. The goal of the course is to prepare students for a performance.

Course Title: **Classical Guitar P 4515**  
Recommended Preparation: None  
Grade Level: 9, 10, 11, 12  
Length of Course: 2 semesters = 10 credits

**G**

This course teaches classical guitar essentials to students with no prior experience. Areas covered include reading music notation, reading guitar tablature, left and right hand muscle building and technique, foundational arpeggios, open chords, bar chords, running, solo/classical style performance, finger picking, performing as a major ensemble, care of the guitar, careers in classical guitar, analyzing classical guitar literature. Fulfills the 10 credit high school graduation requirement in the Arts.

Course Title: **Prep Band 4951**  
Recommended Preparation: None  
Grade Level: 9, 10, 11, 12  
Length of Course: 2 semesters = 10 credits

**A**

This course is designed to improve playing skills on woodwind and brass instruments, and develop music reading techniques. Instrument availability is limited.

Course Title: **Solo and Ensemble Preparation P**

**A**

Recommended Preparation: Instructor Approval

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

This course is designed for the performing arts students who are currently participating in one of the large ensembles of HMA and is looking for more rehearsal/performance opportunities. The course focuses on developing the knowledge and skills needed to prepare for auditions and skills that are used to perform in solo situations and small ensembles. This course has broad application to students specializing in music, dance and theater.

Course Title: **Beginning Band 4970**

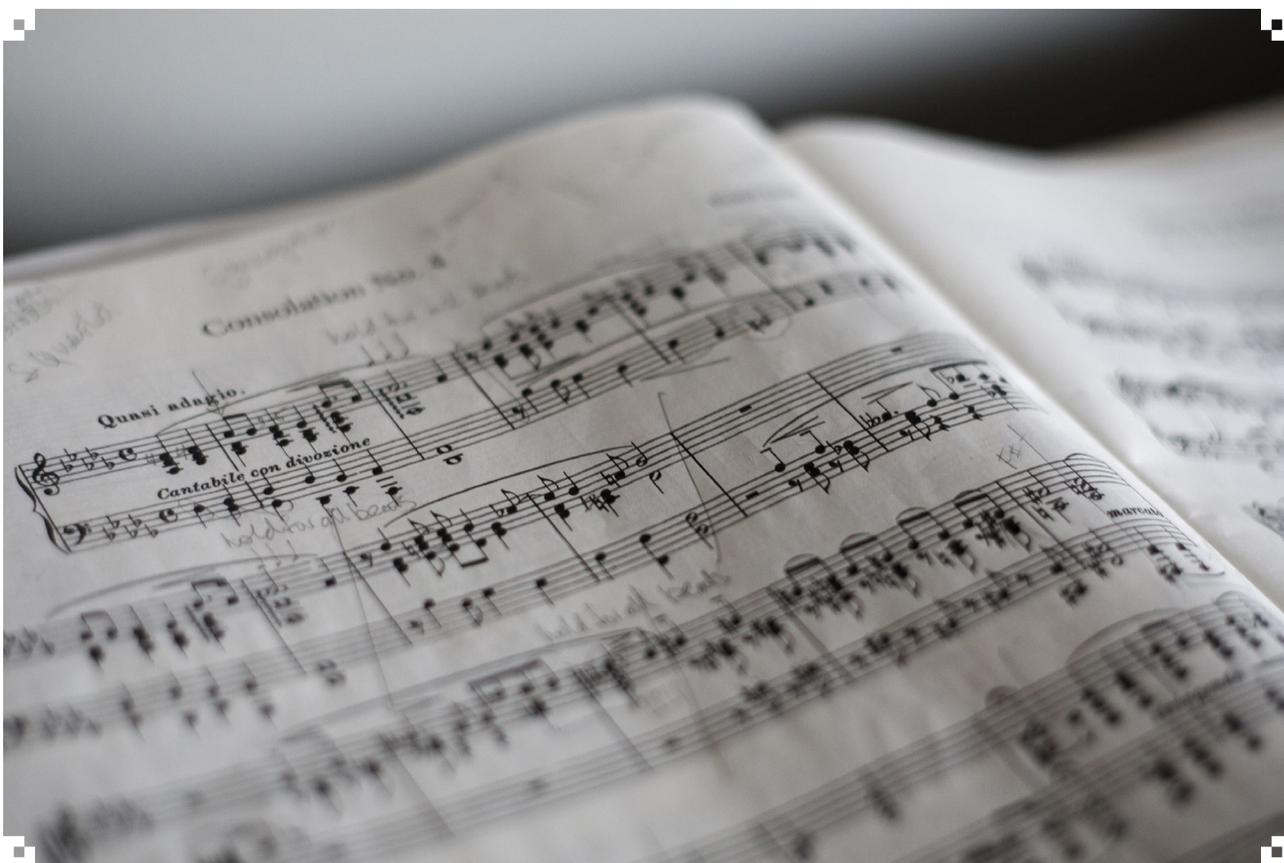
**A**

Recommended Preparation: None

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

This course is designed to improve playing skills on woodwind and brass instruments, and develop music reading techniques. Instrument availability is limited.



## MISCELLANEOUS

Course Title: **Driver Education 9225**

**A G H M P S**

Recommended Preparation: None

Grade Level: 9, 10, 11, 12

Length of Course: 30 hours (offered during period 0) = 2 credits (No letter grade - Pass/Fail credit only)

Students are instructed on the nature of the traffic problem, the basic skills necessary for operating a vehicle safely, a working knowledge of the automobile as a machine and the financial responsibilities of car ownership. This course also includes California traffic laws and the responsibility of the motorist.

Course Title: **Student Assistant — Classroom or Office 9000**

**A C G H M P S**

Recommended Preparation: Minimum 2.0 G.P.A., no F's in core classes (or have made up class and earned a "C" or better), 90% attendance previous year/semester  
(Must meet criteria on page 11 as outlined for student assistant)

Grade Level: 11, 12

Length of Course: 2 semesters = 10 credits

Students may assist teachers on their home campus with clerical tasks, tutoring, and other tasks under the direction of the teacher. **ELECTIVE CREDIT ONLY.**

**NO EDUCATIONAL form must be uploaded**

Course Title: **Cross-Age Tutoring 9025**

**A C G M P**

Recommended Preparation: Teacher Approval, same requirements as Student Assistant page 11

Grade Level: 11, 12

Length of Course: 2 semesters = 10 credits

Students are introduced to teaching strategies and lesson planning through a program of cross-age tutoring. The course is for students interested in the childcare and/or teaching professions. Emphasis will be placed on Reading Recovery strategies to reinforce and heighten English and language skills, as well as helping younger students perfect reading skills. The class will assist students in learning to prepare lessons, communicate ideas, and write basic sentences. Students may be assigned elementary grade students to mentor throughout the year.

Course Title: **Student Council 9150**

**S**

Recommended Preparation: Election or appointment

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

This class consists of elected and appointed student body officers and class representatives; they conduct the business of student government.

Course Title: **ASB Leadership P 7200**

**A G H M P**

Recommended Preparation: Election or appointment

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

This class is designed to teach leadership skills and governmental structure which ultimately enhances school pride, spirit, and culture as well as the student's individual knowledge of a working government. The class will focus on standards designed by the California Association of Directors of Activities and Common Core State Standards, including public speaking, written communication, service learning, presentation skills, community service, government hierarchy, procedures and elections, personal and social development, goal setting, group dynamics, business marketing, finance accounting, advertising, business law and research while positively impacting the entire student body.

Course Title: **Get Focused Stay Focused P 7202**  
Recommended Preparation: None  
Grade Level: 9  
Length of Course: 1 semesters = 5 credits

**A M P**

Get Focused Stay Focused - Career and College Readiness is a one-semester course designed to help students learn and practice valuable skills to help them to be career and college ready. Students will demonstrate their understanding of career paths through a variety of assessments, projects, job simulations, speeches research assignments, online portfolio, and essay papers.

Course Title: **Elementary Assistant 9075**

**A P**

Recommended Preparation: Approval of the elementary school principal to whom assigned. Must meet same requirements for Student Assistant course #9000. Must have own transportation.  
(Must meet criteria on page 11 as outlined for student assistant)

Grade Level: 11, 12  
Length of Course: 2 semesters = 10 credits

This program provides an opportunity for juniors and seniors to assist elementary teachers (grades K-6) by tutoring students in elementary school and providing for other appropriate assignments and duties.

Course Title: **Lab Assistant 3280**

**G H M P S**

Recommended Preparation: Biology P or Ap biology and Chemistry P or Ap Chemistry, excellent attendance, 3.0 GPA or higher and teacher recommendation.

Grade Level: 11, 12  
Length of Course: 2 semesters = 10 credits

Students will assist chemistry and biology teachers with laboratory investigations. Duties include preparing solutions, setting up lab supplies and equipment, organizing lab stations, and cleaning equipment and glassware. Students may also be required to make photocopies and help students with proper use of equipment during laboratory investigations.

Course Title: **Library Science 9350**

**G H M P S**

Recommended Preparation: Librarian's approval. Must meet same requirements as for Student Assistant. (Must meet criteria on page 11 as outlined for student assistant)

Grade Level: 11, 12  
Length of Course: 2 semesters = 10 credits

Students will learn library science routines and become familiar with research techniques. Regular jobs such as shelving of books, arranging magazines and newspapers, checking out books, assisting in processing new books, photocopying and computer services are a few of the major tasks. Students must work well with staff and students. Students with computer experience will be given preference as the library is fully automated.

Course Title: **Information Technology Assistant 6680**

**G M P**

Recommended Preparation: General Teacher Assistant Requirements  
(Must meet criteria on page 11 as outlined for student assistant)

Grade Level: 11, 12  
Length of Course: 1 semesters = 5 credits

This course is a hands-on study of technology integration in an educational context. Students will be required to assess problem sets throughout the day and define the best approach to addressing or solving the problem. In addition to solving problems for students and teachers, students will be required to complete and maintain several running projects that address problems or solutions in educational technology integration. To be successful in this course, students should have a prior understanding of Apple OS, Microsoft Windows OS, and the iPad iOS.

Course Title: **Academic Support 9125**

**A G M P**

Recommended Preparation: None

Grade Level: 9, 10, 11, 12

Length of Course: 1 semesters = 5 credits (Additional semester(s) optional based on instructor's recommendation)

This course is designed to assist students who have been identified as needing additional support and assistance with homework and supplement assignments in one of the following core subjects such as: English, math, social studies, and science.

Course Title: **Directed Course Work 9475**

**C**

Recommended Preparation: Teacher, counselor and principal approval

Grade Level: 10, 11, 12

Length of Course: 1 semester = 5 credits

Students receive grades and credits for completing additional and more advanced work beyond the subject matter and/or skills taught in a certain subject. The instructor must submit a "Directed Course Work" proposal to the principal and secure his/her approval. Directed Course Work arrangements are made on an individual basis. ELECTIVE CREDIT ONLY.

Course Title: **Freshman Seminar 9230**

**H**

Recommended Preparation: None

Grade Level: 9

Length of Course: 1 semester = 5 credits

Freshman Seminar course will provide each student with skills and strategies designed to facilitate academic success and to strengthen individual academic performance. AVID study skills will be implemented to provide strategies to improve reading, writing, mathematics, test taking, note taking, computer and study skills. The Character Counts curriculum will also be integrated throughout the course.

Course Title: **Job Training 9200**

**A G M P S**

Recommended Preparation:

1. Student must have a valid work permit and completed job training agreement by the end of the 3rd week of each semester.
2. Employer pays Workman's Compensation Insurance to cover student.
3. Employer pays at least minimum wage or meets Child Labor Laws.
4. Employer provides supervision on the job for at least 10 hours per week, at least 3 of the work days being school days.

Grade Level: 11, 12

Length of Course: 1 semester = 5 credits; 2 semesters = 10 credits

Maximum of 10 per year; student can earn a maximum of 5 credits per semester;  
No partial credit. PASS/FAIL credit only.

Job Training enables students to obtain practical job experience and to receive guidance in making career decisions. Completion of related instruction assignments is required. Students who earn an "F" in Job Training at the end of any quarter will be dropped from Job Training.

#### Enrollment Guidelines:

Seniors:

- below 190 credits may enroll period 0 or 8.
- above 190 credits may enroll only during period 1 or 7.

Juniors:

- below 130 credits may enroll period 0 or 8.

Course Title: **Academic Decathlon Preparation 9450**

**G H**

Recommended Preparation: None

Grade Level: 9, 10, 11, 12

Length of Course: 1 semester = 5 credits

This is a fall semester class only and is geared for all ability levels. This class will assist students in developing independent study habits and skills. While the class will follow the Academic Decathlon guidelines for study, any student who seeks a non-traditional course of study, who desires elective credit and/or who wishes to be considered as a team, is encouraged to apply. Subjects studied include: music, art, literature, history, economics, math, science, essay writing, and speech. The class members have the opportunity to participate in a national competition for awards. ELECTIVE CREDIT.

Course Title: **AVID 1 (Advancement Via Individual Determination) P**      **9252**      **A G M P S**  
**AVID 2 P**      **9276**  
**AVID 3 P**      **9301**  
**AVID Seminar P**      **9325**

Recommended Preparation: Teacher and parent recommendation, an interview and acceptance by AVID Staff; student/parent commitment

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

AVID is an elective course designed to prepare students of average ability for success in 4-year college curriculum. Students and parents make a 4-year commitment to the program, which includes tutoring, study skills, keeping a planner, attending meetings, maintaining qualifying grades in required courses, and developing college entry-level skills. The overall goal is for each student to move from high school directly to 4-year college. Meets the elective "G" requirements for UC/CSU entrance requirements.

Course Title: **Academic Enrichment**      **9310 - English Acad. Enrichment A**      **G H M P S**  
**9320 - English Acad. Enrichment B**  
**9311 - Math Acad. Enrichment A**  
**9321 - Math Acad. Enrichment B**  
**9312 - English Enrichment (2)**  
**9313 - Math Enrichment (2)**

Recommended Preparation: Recommendation of counselor based on multiple measures (High School Placement Exam, CAASPP Scores, grades, teacher/counselor recommendation, or student study team referral)

Grade Level: 9, 10, 11, 12

Length of Course: 1 semester = 5 credits

This course is for academic support of students performing below grade level as evidenced by placement tests, CAASPP, and grades in core academic classes. The course involves development of study skills, organizational skills, reading and math interventions such as, but not limited to, Learning 100, accelerated reading and math, and test preparation strategies and practice.

Course Title: **Career Choices/GSF & Keyboarding**      **9246**      **G**

Recommended Preparation: None

Grade Level: 9

Length of Course: 2 semesters = 10 credits

Freshman Transition and Success Is an interdisciplinary curriculum that involves students and teachers in an interactive learning process. It teaches a critical-decision making process for life-defining decisions. Throughout this course students will examine their own personal characteristics and learn to ultimately use those personality traits to the greatest advantage throughout their education and in making real life decisions. Utilizing various online personality and career assessments, students will develop life skills that will aid them in school and career success. Students will use learned computer skills while addressing the curriculum of this course. This course will satisfy the basic computer requirement for graduation.

Course Title: **Criminal Psychology P**      **4454**      **G**

Recommended Preparation: None

Grade Level: 11, 12

Length of Course: 2 semester = 10 credits

This course covers core concepts in psychology beginning with the use of the scientific method in research and the physiological basis for behavior. Topics covered in the first semester include social psychology, perception, states of consciousness, memory and learning. During the second semester the focus is on human growth and development, personality, stress and adjustment, and ends with a unit on abnormal behavior, treatments, and therapy. Class time is divided between lecture, films, discussions, experiments, and demonstrations. All unit topics will include how psychology can intertwine with the legal justice system and its implications in court proceedings as it is a core component to the Law Justice and Ethics pathway.

Course Title: **Landscape Management 5500**  
Recommended Preparation: None  
Grade Level: 9, 10, 11, 12  
Length of Course: 2 semesters = 10 credits

**G P**

Students will gain skills in various lawn care tasks with this hands-on module. They will learn many of the skills needed for a successful career in lawn care/landscape business, etc. Students will use real tools of the trade and follow detailed job tasks.

Course Title: **Career Exploration 1 7520**  
Recommended Preparation: None  
Grade Level: 9, 10, 11, 12  
Length of Course: 2 semesters = 10 Credits

**Career Exploration 2 7522**

**M P S**

This course is designed to assist students with exploring careers and developing skills necessary to make meaningful decisions about their career choices. Students will have project based learning experiences in various career fields to help identify personal strengths and interests as they relate to career decisions. This career technical education experience will help students direct their path to future careers and specific CTE courses to strengthen their vocational skills.

Course Title: **Intro to Public Services 7521**  
Recommended Preparation: None  
Grade Level: 9, 10, 11, 12  
Length of Course: 1 semester - 5 credits

**G H P**

This course is designed to expose students to different public service options available in a community. Students will learn the different functions and operations of a variety of public service positions. This Career Technical Education experience will help students direct their path to future careers and specific CTE courses to strengthen their vocational skills.

Course Title: **Job Skills and Readiness 7512**  
Recommended Preparation: None  
Grade Level: 9, 10, 11, 12  
Length of Course: 2 semesters = 10 credits

**G H M P**

This course will provide key job search and life skills for students to help as they prepare to find a job and live in the real world. Students will learn to plan for a career, look for a job, develop a resume, complete a job application, learn to interview for a job, verbal and non-verbal communication, written communication, attendance, following directions, workplace literacy, job expectations, phone skills, and managing your money. Some students will also have the opportunity to complete internship second semester on campus based on their goals.

Course Title: **Music Appreciation: Music Through 1800 - P111 (PC #MUSC P111) CLMU11** **M**  
Recommended Preparation: Eligible for English level 2. Recommendation: Eligible for Level 1 English placement  
Grade Level: 9 -12  
Length of Course: 5 credits; 1 semester

Upon completion of the course, the student will be able to recognize and recall terms that are specific to the musical topics being studied, including rhythm, melody, and basic musical forms. Identify the major families of musical instruments, and identify specific instruments within each family grouping. Evaluate live performances of art music and examine the general characteristics of Medieval, Renaissance, Baroque, and Classical periods in music. The course will consist of minimum of 54 hours inside classroom and attending live performances.

Course Title: **Music Appreciation: 1800 TO PRESENT - P112 (PC #MUSC P112) CLMU12** **M**  
Recommended Preparation: Eligible for English level 2. Recommendation: Eligible for Level 1 English placement  
Grade Level: 9 -12  
Length of Course: 5 credits; 1 semester

Upon completion of the course, the student will be able to recognize and recall terms that are specific to the musical topics being studied, including rhythm, melody, and basic musical forms. Identify the major families of musical instruments, and identify specific instruments within each family grouping. Evaluate live performances of art music and examine the general characteristics of 19th and 20th Century music. The course will consist of minimum of 54 hours inside classroom and attending live performances.

Course Title: **Independent Living 7625**  
Recommended Preparation: None  
Grade Level: 12  
Length of Course: 2 semesters = 10 credits

**G M P S**

Independent Living is a course about planning your future. This course will help you understand who you are, what you want in your future and how to go about getting it. You will learn to recognize the influence of TV advertising and movies on your life choices. You will learn how to set goals, solve problems and make decisions. Student will learn how to rent an apartment, buy a car, how to purchase groceries and how to use credit wisely.

\*Porterville College dual enrollment courses vary from site to site  
See your counselor for more information



## BUTTERFIELD CHARTER SCHOOL



Butterfield Charter School provides an alternative educational choice for students and parents K-12. The BCS independent study program allows students to complete the high school graduation requirements while attending school on a modified schedule. BCS recognizes the requirement for a meaningful and rigorous education while being aware of the students' varied and changing needs.

### ALTERNATIVE EDUCATION

#### Off Site Programs:

##### **Location: Citrus High School**

Prerequisite: By referral

Grade Level: 10, 11, 12

##### **Location: Butterfield Charter School**

Prerequisite: By referral

Grade Level: 9, 10, 11, 12 (Depends on program)

##### **Location: Vine Community Day School**

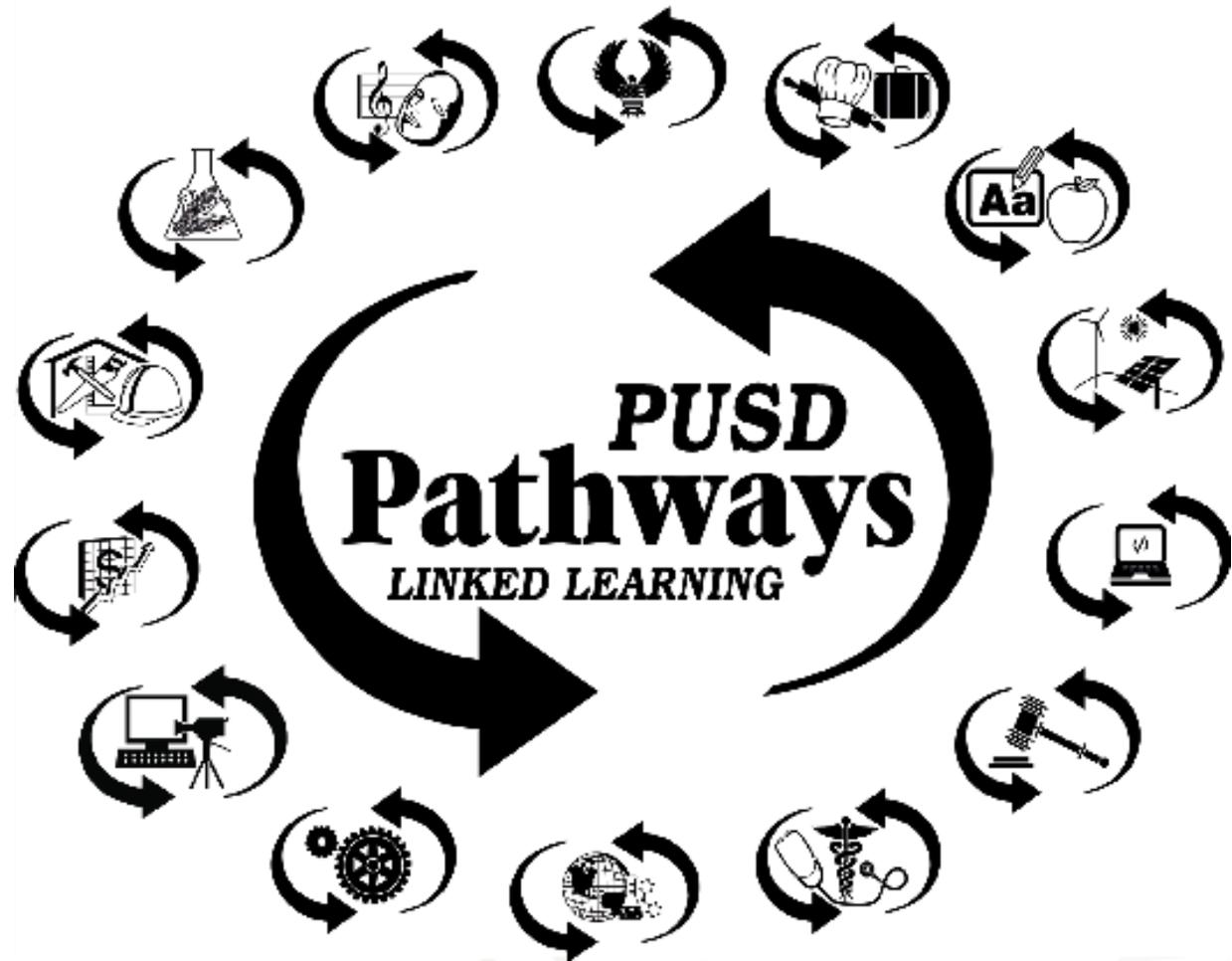
Prerequisite: Placement is by expulsion

Grade Level: 7, 8, 9, 10, 11, 12

Notes:

# EMPOWER

the **FUTURE**

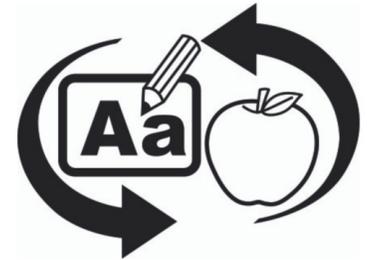


**PUSD PATHWAYS PROGRAMS**  
**“Open Choice” for 2021-2022**  
Director: Cynthia Brown

Porterville Unified School District's Pathway Programs offer a choice among several different multi-year programs of study that combine academic and technical skills to better prepare students for College and Careers. Students must apply for their pathway of choice for the school year of 2021-22 no later than January 15, 2021. Students will be accepted on a space available basis. There will be a random draw if there are more applicants than openings available. Preference for admission will be given to students residing within the boundaries of PUSD and to siblings of current students.



**Academy of Careers in Education  
Granite Hills High School  
(ACE)**



	9th Grade	10th Grade	11th Grade	12th Grade
<b>Career Pathway: Education</b>	<b>Course Name:</b> Career Exploration in Education <b>Course #</b> 9104 <b>Course Level:</b> Introductory	<b>Course Name:</b> Career Pathways in Education 1 <b>Course #</b> 9105 <b>Course Level:</b> Concentrator	<b>Course Name:</b> Career Pathways in Education 2 <b>Course #</b> 9106 <b>Course Level:</b> Concentrator	<b>Course Name:</b> Careers in Education Internship <b>Course #</b> 7580 <b>Course Level:</b> Capstone
<b>College Preparation Course Sequence</b>	<b>*English *Foreign Language *Math *Science *Social Science *P = (CSU/UC Approved)</b>			

Course Title: **Career Exploration in Education P 9104**  
 Recommended Preparation: None  
 Grade Level: 9  
 Length of Course: 2 semesters = 10 credits

This course is designed to provide students with an interactive, experiential program that teaches a process for making educated career choices. It ignites the intrinsic motivation required to succeed in both post secondary studies and in the workforce. Students will gather knowledge in traditional and non-traditional teaching job.

Course Title: **Career Pathways in Education 1 P 9105**  
 Recommended Preparation: None  
 Grade Level: 10  
 Length of Course: 2 semesters = 10 credits

Career Pathways in Education 1 is the first course in a two-year sequence. The goal is to create a pipeline for students to enter the education field and fill positions in this industry. This program will provide the first opportunity for students interested in careers in the pathway to formally study education and participate in community classroom practicum experiences in partnering schools and youth recreational programs. Topics of study include the history of education, health and safety in education, child/adolescent development, integrated 21st century instructional practices, and family partnerships.

Course Title: **Career Pathways In Education 2 P 9106**

Recommended Preparation: Career Pathways in Education 1

Grade Level: 11

Length of Course: 2 semesters = 10 credits

This course was designed to prepare students for careers in the field of Education through the integration and development of core academic content. Students will also learn the professional norms, skills, and competencies related to careers in education. This interdisciplinary course integrates concepts from the social science, behavioral science, and biological science disciplines and is based on currently accepted academic and career and technical education standards. Students will learn the principles of learning and teaching and apply educational related terminology, practice classroom management techniques, lesson plan implementation, and create student assessments. This course includes a work-based learning component in which students will develop their critical thinking skills through the application and integration of academic and career technical industry specific skills.

Course Title: **Careers in Education Internship P 7580**

Recommended Preparation: Career Pathways in Education 1 & Career Pathways in Education 2

Grade Level: 12

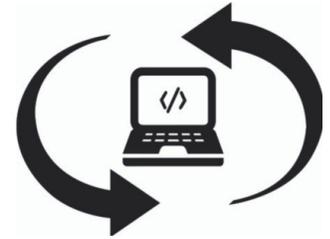
Length of Course: 2 semesters = 10 credits

This capstone course provides CTE Education Careers pathway students in 12th grade with an opportunity to understand learning and teaching in its practical application. Students will explore growth and development, major learning theories, principles of learning and teaching, classroom management techniques, and strategies for lesson planning and development. They will complete extensive observations and evaluations of mentor teachers to better understand teaching practice and the application of learned theories and strategies. In addition, they will complete a minimum of 75 hours of fieldwork in a classroom under the guidance of a mentor teacher. This fieldwork will consist of implementing their own lesson plans and activities designed for content area courses. This course reinforces standards in reading writing, speaking, listening, mathematics, social studies, and science and requires their application in educational settings. Students will be required to practice communication, ethics, interpersonal/team skills, critical thinking and problem solving, self management, professionalism, and classroom safety. The students in this course will be key participants in building an academic culture.





**Computer Operations & Development Education  
Granite Hills High School  
(CODE)**



	9th Grade	10th Grade	11th Grade	12th Grade
<b>Career Pathway Software &amp; Systems Development</b>	<b>Course Name:</b> Essentials Of Computer Science P <b>Course #</b> 4162 <b>Course Level:</b> Introductory	<b>Course Name:</b> AOIT Computer Networking (NAF) P <b>Course #</b> 6527 <b>Course Level:</b> Concentrator  <b>Course Name:</b> AOIT Computer Systmes (NAF) P <b>Course #</b> 6528 <b>Course Level:</b> Concentrator	<b>Course Name:</b> Computer Science Principles P <b>Course #</b> 4167 <b>Course Level:</b> Concentrator  <b>Course Name:</b> Computer Science Principals P/AP <b>Course #</b> 6883 <b>Course Level:</b> Concentrator	<b>Course Name:</b> Computer Science P/AP <b>Course #</b> 6884 <b>Course Level:</b> Capstone  <b>Course Name:</b> Computer Science A P <b>Course #</b> 4168 <b>Course Level:</b> Capstone  <u><b>College Courses</b></u>  <b>Course Name:</b> Info and Communication Tech Essentials <b>Course #</b> CLIN10 <b>Course Level:</b> Capstone  <b>Course Name:</b> Data Communications and Networking <b>Course #</b> CLIN20 <b>Course Level:</b> Capstone

<b>College Preparation Course Sequence</b>	<b>*English *Foreign Language *Math *Science *Social Science *P = (CSU/UC Approved)</b>
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Course Title: **Essentials of Computer Science P 4162**

Recommended Preparation: NA

Grade Level: 9

Length of Course: 2 semester = 10 credits

Students will experience the major topics, big ideas, and computational thinking practices used by computing professionals to solve problems and create value for others. This course will empower students to develop computational thinking skills while building confidence that prepares them to advance to Computer Science Principles and Computer Science A.

Course Title: **AOIT Computer Networking (NAF) P 6527**

Recommended Preparation: Intro to Computer Science, Computer Science Principles, Computer Science A

Grade Level: 10

Length of Course: 1 semester = 5 credits

Students will begin with a brief history of networks and then be guided through all the phases of implementing and troubleshooting common TCP/IP Ethernet networks using network hardware connected with CAT5/6 cable as well as covering network components, cables and connectors. The course walks students through the OSI model, protocols, and topologies as well as implementing and troubleshooting a LAN and discusses access issues for WANs. Students will get hands-on practice with cloud computing and learn how it is different from working on a local server network. Finally, students will get a chance to discover what type of network-related careers exist today.

Course Title: **AOIT Computer Systems (NAF) P 6528**

Recommended Preparation: Intro to Computer Science, Computer Science Principles, Computer Science A

Grade Level: 10

Length of Course: 1 semester = 5 credits

Students will begin with a brief history of networks and then be guided through all phases of implementing and troubleshooting common TCP/IP Ethernet networks using network hardware connected with CAT5/6 cables as well as covering network components, cables and connectors. The course walks students through the OSI model, protocols, and topologies as well as implementing and troubleshooting a LAN discusses access issues for WANs. Students will get hands-on practice with cloud commuting and learn how it is different from working on a local server network. Finally students will get a chance to discover what type of network-related careers exist today.

Course Title: **Computer Science Principles P PLTW 4167**

Recommended Preparation:

Grade Level: 11

Length of Course: 2 semester = 10 credits

Using Python® as a primary tool, students explore and become inspired by career paths that utilize computing, discover tools that foster creativity and collaboration, and use what they've learned to tackle challenges like app development and simulation. *This course is endorsed by the College Board, giving students the opportunity to take the AP® CSP exam for college credit.*

Course Title: **Computer Science Principals P/AP® 6883**

Recommended Preparation: Integrated Math 1P (C or better), Integrated Math 2P (completed or concurrent), Biology

Grade Level: 11

Length of Course: 2 semesters = 10 credits

AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles also gives students the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science.

Course Title: **Computer Science A P/AP® 6884**  
Recommended Preparation: Integrated Math 1P (C or better), Integrated Math 2P, Integrated Math 3 P  
(completed or concurrent)  
Grade Level: 12  
Length of Course: 2 semesters = 10 credits

This course focuses on the development of computer programs that are understandable, adaptable, and when appropriate, reusable. The design and implementation of these programs is used as a context for introducing other important aspects of computer science, including the development and analysis of algorithms, the development and use of fundamental data structures, the study of standard algorithms and typical applications, and the use of logic and formal methods.

Course Title: **Computer Science A P 4168**  
Recommended Preparation:  
Grade Level: 12  
Length of Course: 2 semester = 10 credits

Students collaborate to create original solutions to problems of their own choosing by designing and implementing user interfaces and Web-based databases, as well as creating a game for their friends or an app to serve a real need in their community.

Course Title: **Info and Communication Tech Essentials ( PC #INFS P110) CLIN10**  
Recommended Preparation: Pathway student, Students have completed all CODE courses in the CODE sequence, teacher/counselor recommendations  
Grade Level: 12  
Length of Course: 1 semester = 5 credits

This course provides an introduction to the computer hardware and software skills needed to help meet the growing demand for entry-level ICT professionals. The fundamentals of computer hardware and software as well as advanced concepts such as security, networking, and the responsibilities of an ICT professional will be introduced. Preparation for the CompTIA A+ certification exams. (A/CSU)-College Prep Elective.

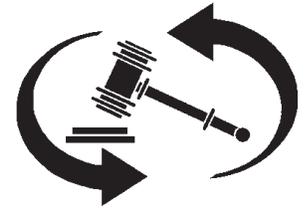
Course Title: **Data Communications and Networking (PC #INFS P220) CLIN20**  
Recommended Preparation: Pathway student, Students have completed all CODE courses in the CODE sequence, teacher/counselor recommendations  
Grade Level: 12  
Length of Course: 1 semester = 5 credits

This course introduces the architecture, structure, functions, components, and models of the Internet and other computer networks. The principles and structure of IP (Internet Protocol) addressing and the fundamentals of Ethernet concepts, media, and operations are introduced to provide a foundation for further study of computer networks. It uses the OSI (Open Systems Interconnection) and TCP (Transmission Control Protocol) layered models to examine the nature and roles of protocols and services at the application, network, data link, and physical layers. Preparation for the CompTIA Network+ certification exam. (A/CSU)-- College Prep Elective.





**Academy of Law, Justice and Ethics  
Granite Hills High School  
(LJE)**



Students must choose one track and remain on that track from 10th-12th grade

	9th Grade	10th Grade	11th Grade	12th Grade
<b>Career Pathway: Legal Practices</b>	<b>Course Name:</b> Freshman Seminar <b>Course #</b> 9235 <b>Course Level:</b> Introductory  <b>Course Name:</b> Introduction to Law, Justice and Education <b>Course #</b> 4451 <b>Course Level:</b> Introductory	<b>Course Name:</b> Foundations of Law/ Justice Public Service P <b>Course #</b> 4450 <b>Course Level:</b> Concentrator	<b>Course Name:</b> Mock Trial 1 P <b>Course #</b> 9241 <b>Course Level:</b> Concentrator  <b>Course Name:</b> Public Speaking and Debate in Criminal and Civil Law <b>Course #</b> <b>Course Level:</b> Concentrator	<b>Course Name:</b> Mock Trial 2 P <b>Course #</b> 9242 <b>Course Level:</b> Capstone
<b>Career Pathway: Public Safety</b>	<b>Course Name:</b> Freshman Seminar <b>Course #</b> 9235 <b>Course Level:</b> Introductory  <b>Course Name:</b> Intro to Law, Justice and Education <b>Course #</b> 4451 <b>Course Level:</b> Introductory	<b>Course Name:</b> History of Public Safety P <b>Course #</b> 4456 <b>Course Level:</b> Concentrator	<b>Course Name:</b> Crime Scene Investigation <b>Course #</b> 4455 <b>Course Level:</b> Concentrator	<b>Course Name:</b> Law, Justice and Ethics P <b>Course #</b> 4457 <b>Course Level:</b> Capstone

<b>College Preparation Course Sequence</b>	<b>*English *Foreign Language *Math *Science *Social Science</b> <b>*P = (CSU/UC Approved)</b>
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Course Title: **Freshman Seminar**      **9235**

Recommended Preparation: None

Grade Level: 9

Length of Course: 1 semester = 5 credits

Freshman Seminar course will provide each student with skills and strategies designed to facilitate academic success and to strengthen individual academic performance. AVID study skills will be implemented to provide strategies to improve reading, writing, mathematics, test taking, note taking, computer and study skills. The Character Counts curriculum will also be integrated throughout the course.

Course Title: **Introduction to Law, Justice and Education** 4451

Recommended Preparation:

Grade Level: 9

Length of Course: 1 semester = 5 credits

All students wishing to pursue a career in Law, Justice or Ethics will take this introductory class. This survey course is designed to introduce students to a variety of agencies and professions in law enforcement, private security, corrections, as well as fire and arson investigation. The course begins with an examination of the role and structure of the government and the rights and responsibilities of citizens in a democratic society. Students will then examine the components of the criminal justice system, including the roles and responsibilities of the police, courts, and corrections, as well as the roles and responsibilities of personnel in the private security and protective services, the fire service, and the emergency management service and discuss their contributions to public safety.

Course Title: **Foundations of Law, Justice and Public Service P** 4450

Recommended Preparation:

Grade Level: 10

Length of Course: 2 semesters = 10 credits

Students will gain the foundational understanding of how and why governments and laws are formed and the role of law enforcement. A wide range of careers in law and law enforcement will be introduced. They will gain knowledge of the legal system and the relationship among law, law enforcement, and advocacy.

Principles of public speaking and debate are critical components for students wishing to pursue a career in the Law and Justice industry. This course is intended to develop and refine the organizational, verbal, and written skills of students so they can create and publicly present cohesive and valid arguments. Students will learn the important elements of critical thinking, such as observation, analysis, inference, communication, and problem-solving, and apply these skills as they craft sound legal arguments. Real-world criminal scenarios will be used throughout the course and students will learn to represent both the prosecution and defense. Industry partners will be utilized to help assess student progress and provide feedback.

Course Title: **Public Speaking and Debate in Criminal and Civil Law**

Recommended Preparation: Foundations in Law

Grade Level: 11

Length of Course: 2 semesters = 10 credits

This course provides students with research-based reading strategies and integrated academic activities to build comprehension and reinforce key academic concepts, all within the context of Public Services. Criminal Investigation, emergency response, and firefighting topics are infused throughout curriculum projects to provide a conceptual framework for understanding the role of public services within our community. Upon successful completion of the course, students receive Incident Command System (ICS 100.B) FEMA certification.

Course Title: **Public Speaking and Debate in Criminal and Civil Law**

Recommended Preparation: Foundations in Law

Grade Level: 11

Length of Course: 2 semesters = 10 credits

Course Title: **Mock Trial I P** 9241

Recommended Preparation:

Grade Level: 11

Length of Course: 2 semester = 10 credits

This course introduces students to our legal system. Students will study criminal law and due process. Guest speakers and field trips are an integral part of the program as well as student participation in mock trials. Police, court, corrections, probation, and parole officers will meet with the students as well as defense and prosecuting attorneys. Visits to the Madera County and Federal Courts are planned.

Course Title: **Mock Trial 2 P** 9242

Recommended Preparation:

Grade Level: 12

Length of Course: 2 semester = 10 credits

**Course Title: Crime Scene Investigation P 4455**

Recommended Preparation: Intro to Law & Foundations in Criminal Justice

Grade Level: 11

Length of Course: 2 semesters =10 credits

This course is designed to give students both theory and hands on experience in the skills and knowledge in the field of forensic science, including an introduction to crime scene investigation, crime scene photography, and diagrams as they are used in a criminal investigation. Students learn the importance of physical evidence in solving crimes, dusting and lifting fingerprints, how to perform a gunshot residue test, evidence collecting and processing methods, and the use of forensic light sources technology. Emphasis will be placed on the importance of effective communication and interpersonal skills, professional development, strong academic skills, problem solving, safety and the use of technology. Students will receive training to test for their CPR and First Aid Certificate.

**Course Title: Law, Justice, and Ethics Senior Capstone P 4457**

Recommended Preparation: History of Public Safety and Crime Scene Investigations

Grade Level: 12

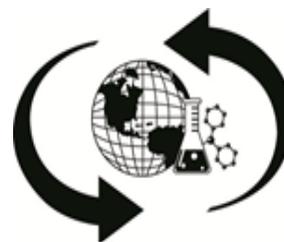
Length of Course: 2 semesters =10 credits

In the Law, Justice, Ethics Senior Capstone class, students will complete project-based assignments related to realistic situations and industry careers. Students build their knowledge and assignments related to realistic situations and industry careers. Students build upon their knowledge and experiences from prior years to produce a diverse range of projects representation to peers, educators, and industry partners demonstrating growth, accomplishments, meeting portfolio and its presentations to peers, educators, and industry partners demonstrating growth, accomplishments, meeting of standards and readiness for work or higher learning. Each project will be student-led and involved research, synthesizing information, writing, listening and speaking, multimedia, and an evaluation by industry partners. The purpose of the capstone project is to provide our graduating students with realistic situations to prepare them for post-secondary college and/or career endeavors.





**Environmental Science Academy  
Monache High School  
(ESA)**



	<b>9th Grade</b>	<b>10th Grade</b>	<b>11th Grade</b>	<b>12th Grade</b>
<b>Career Pathway: Environmental Resources</b>	<b>ESA I</b> <b>Course Name:</b> Intro to Environmental Science <b>Course # 9232</b> <b>Course Level:</b> Introductory	<b>ESA II</b> <b>Course Name:</b> California Natural Resources <b>Course # 9236</b> <b>Course Level:</b> Concentrator	<b>ESA III</b> <b>Course Name:</b> Alternative Engery Resources <b>Course # 9240</b> <b>Course Level:</b> Concentrator	<b>ESA Internship</b> <b>Course Name:</b> Internship <b>Course # 5421</b> <b>Course Level:</b> Capstone
<b>College Preparation Course Sequence</b>	<b>*English *Foreign Language * Math *Science *Social Science</b> <b>*P = (CSU/UC Approved)</b>			

Course Title: **Environmental Science 1 P 9232**

Recommended Preparation: For Partnership Academy in Environmental Science Students.

Grade Level: 9

Length of Course: 2 semester = 10 credits

Focusing on Environmental Science careers, the class will provide students the opportunity to learn computer programs such as Microsoft Excel, Power Point, and Word, as well as researching techniques and proper MLA formatting. There will be introduction to science industry internships, job opportunities, and job shadowing. Guest speakers from the environmental science fields will be available, and students will have opportunities to practice their public speaking skills. Since this is the introductory course to the ESA, the students will undergo team building and leadership skill practice as well.

Course Title: **ESA II California Natural Resources P 9236**

Recommended Preparation: For Partnership Academy in Environmental Science Students.

Grade Level: 10

Length of Course: 2 semesters = 10 credits

This course will give sophomore ESA students a comprehensive understanding of energy, its availability, generation, conversion, transmission, storage, utilization and cost. Students will also gain an understanding of the technical, political, environmental and economic issues and challenges associated with energy in its many forms.

Course Title: **ESA III Alternative Energy Resources 9240**  
Recommended Preparation: ESA 1 and ESA II or Teacher Approval  
For Partnership Academy in Environmental Science Students.  
Grade Level: 11  
Length of Course: 2 semesters = 10 credits

ESA III will give junior ESA students a comprehensive understanding of forestry and geology. Students will also gain an understanding of the technical, political, environmental, and economic issues and challenges associated with these two areas of science. Student field projects and career exploration are an integral portion of this class. This course meets the elective “G” requirement for UC entrance requirements.

Course Title: **ESA Internship 5421**  
Recommended Preparation: ESA Student, teacher recommendation  
Grade Level: 12  
Length of Course: 2 semesters = 10 credits

Engages students in professional development activities primarily for the purpose of providing hands-on experiences that enhance student learning or understanding of issues relevant to a particular area of study. The student should be able to relate the internship experience to the knowledge that he or she has gained through college-level and CTE classroom instruction. Students enhance classroom learning in these programs by working on off-campus jobs. Students achieve graduate outcomes through work experiences designed to help them expand their career options, learn about the “work culture” and develop new job skills. (This class is articulated with Porterville College; may be eligible for college credit.)





**Academy of Hospitality  
Monache High School  
(AH)**



Students must choose one track and remain on that track from 10th-12th grade

	<b>9th Grade</b>	<b>10th Grade</b>	<b>11th Grade</b>	<b>12th Grade</b>
<b>Career Pathway: Hospitality, Tourism and Recreation</b>	<b>Course Name:</b> Principles of Hospitality & Tourism <b>Course # 5429</b> <b>Course Level:</b> Introductory	<b>Course Name:</b> Hospitality I <b>Course # 5430</b> <b>Course Level:</b> Introductory	<b>Course Name:</b> Hospitality II <b>Course # 5431</b> <b>Course Level:</b> Concentrator	<b>Course Name:</b> Hospitality III <b>Course # 5432</b> <b>Course Level:</b> Capstone
<b>Career Pathway: Food Service and Hospitality</b>	<b>Course Name:</b> Principles of Hospitality & Tourism <b>Course # 5429</b> <b>Course Level:</b> Introductory	<b>Course Name:</b> Culinary I <b>Course # 7100</b> <b>Course Level:</b> Introductory	<b>Course Name:</b> Culinary II <b>Course # 7101</b> <b>Course Level:</b> Concentrator	<b>Course Name:</b> Commercial Foods <b>Course # 7751</b> <b>Course Level:</b> Capstone
<b>College Preparation Course Sequence</b>	<b>*English *Foreign Language *Math *Science *Social Science (CSU/UC Approved)</b>			

Course Title: **Principles of Hospitality and Tourism**      **5429**  
 Recommended Preparation: None  
 Grade Level: 9  
 Length of Course: 1 semester = 5 credits

Principles of Hospitality and Tourism provides an overview of the current hospitality and tourism industry. This course serves as the foundation for the core courses offered by NAF's Academy of Hospitality & Tourism. Students take a brief look at the history of the industry to understand the forces that have shaped it and the degree to which it has changed in the past century. They learn about traveler motivation and consumer needs and how these factors affect current offerings in lodging, transportation, food and beverage, and entertainment sectors. Students consider the economic and environmental impacts of the industry on the world today. They receive exposure to the wide array of domestic and international travel. Finally, students learn the basics of selling and marketing in tourism.

**Course Title: Hospitality 1 5430**  
Recommended Preparation:  
Grade Level: 10  
Length of Course: 2 semesters = 10 credits

Hospitality 1 expands on topics introduced in Principles of Hospitality and Tourism. Students will be introduced to the skills, knowledge, and tools required in the event planning and marketing profession in the hospitality industry. Topics will include budgeting and bidding, sustainable practices, venue selection and management, personnel considerations, marketing strategies, customer and consumer needs, strategies to build business and brand equity, sport sponsorship, and market research.

**Course Title: Hospitality 2 5431**  
Recommended Preparation:  
Grade Level: 11  
Length of Course: 2 semesters = 10 credits

Hospitality 2 introduces students to the importance of geography in the hospitality and tourism industry through the study of travel or “destination” geography. Students will explore the world’s geographic regions, focusing on the factors that create desirable travel destinations. Students will also explore the profound changes taking place worldwide in the tourism industry and will examine the environmental and socioeconomic impacts, the interrelationships of tourism, and the transition to a greener tourism economy.

**Course Title: Hospitality 3 5432**  
Recommended Preparation:  
Grade Level: 12  
Length of Course: 2 semesters = 10 credits

Students will dive deeper into the duties and responsibilities of management positions found through the hospitality industry. Applying the knowledge and skills gained in the AH classes, they will analyze, plan, organize, and execute a senior project or internship. This will be accomplished using 21 Century Skills (critical thinking, collaboration, communication, creative thinking) in a collaborative learning community or independently. Projects and internships will provide hands-on experiences that enhance student learning or understanding of issues relevant to an area of the hospitality industry. Students achieve graduate outcomes through work experiences designed to help them expand their career options, learn about the “work culture” and develop new job skills.

**Course Title: Culinary Arts 1 7100**  
Recommended Preparation: None  
Grade Level: 10  
Length of Course: 2 semesters = 10 credits

Culinary Arts 1 introduces students to the culinary arts and the world of professional food service. Students begin by learning the basics of safety and sanitation, reading recipes and other essential skills and techniques, knife identification and use, and proper laboratory procedures. Students will then continue their study of various topics in both the classroom and laboratory settings. These topics will include nutrition and healthy cooking, flavors, stocks, soups, quick breads, and cookies.

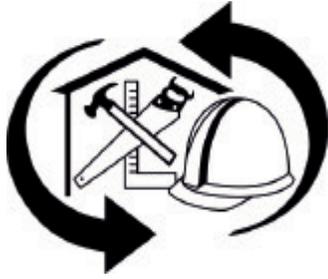
**Course Title: Culinary Arts 2 7101**  
Recommended Preparation: Culinary Arts 1  
Grade Level: 11  
Length of Course: 2 semesters = 10 credits

Culinary Arts 2 reinforces and builds upon the knowledge gained in Culinary Arts 1 in the areas of safety and sanitation, tools, equipment and techniques, knife skills, and nutrition. Students will continue their study of various topics in both the classroom and laboratory settings. Topics of study will also include communication, management, costing, serving, starches, salads, and cooking methods.

Course Title: **Commercial Foods 7751**  
Recommended Preparation: Life Skills or Teacher Recommendation  
Grade Level: 12  
Length of Course: 2 semesters, 2 periods = 20 credits

The restaurant class is designed to provide on the job training and related instruction for students preparing for a job or career in the restaurant industry. The students will spend 360 hours, 2 periods a day, in the restaurant class. Upon completion of this class, the student will be prepared to apply for jobs as baker's helper, cashier, cook's helper, dining room attendant, host or hostess, kitchen helper, salad maker, and waiter or waitress. Meets the Fine Arts/Foreign Language/CTE course requirement for graduation.





**Manufacturing Construction Technology Academy  
Monache High School  
(MCTA)**



Students must choose one track and remain on that track from 10th-12th grade

	9th Grade	10th Grade	11th Grade	12th Grade
<b>Career Pathway: Residential and Commerical Construction</b>	<b>Course Name:</b> Exploring and Manufacturing Technology <b>Course #</b> 8650 <b>Course Level:</b> Introductory	<b>Course Name:</b> Intro to Manufacturing- Drafting/CAD and Construction <b>Course #</b> 8652 <b>Course Level:</b> Concentrator	<b>Course Name:</b> Manufacturing- Construction I <b>Course #</b> 8656 <b>Course Level:</b> Concentrator  <b>Course Name:</b> Manufacturing-2D/3D Modeling and Design <b>Course #</b> 8651 <b>Course Level:</b> Capstone	<b>Course Name:</b> Construction II <b>Course #</b> 8654 <b>Course Level:</b> Capstone
<b>Career Pathway: Cabinet, Millwork, and Woodworking</b>			<b>Course Name:</b> Manufacturing Cabinetry MCTA <b>Course #</b> 8655 <b>Course Level:</b> Concentrator	<b>Course Name:</b> Product Design and Manufacturing Woods <b>Course #</b> 7111 <b>Course Level:</b> Capstone
<b>Career Pathway: Welding and Materials Joining</b>	<b>Course Name:</b> Welding and Machine Manufacturing 1 <b>Course #</b> 8425 <b>Course Level:</b> Concentrator	<b>Course Name:</b> Manufacturing Metalworking and Fabrication <b>Course #</b> 8657 <b>Course Level:</b> Concentrator		<b>Course Name:</b> Advanced Welding & Manufacturing <b>Course #</b> 8476 <b>Course Level:</b> Capstone  <b>Course Name:</b> Product Design and Manufacturing Metals <b>Course #</b> 7112 <b>Course Level:</b> Capstone
<b>College Preparation Course Sequence</b>	<b>*English *Foreign Language *Math *Science *Social Science (CSU/UC Approved)</b>			

Course Title: **Exploring Manufacturing Technology 8650**

Recommended Preparation: None

Grade Level: 9

Length of Course: 2 semesters = 10 credits

This introductory course is the first class in all course sequences of MCTA and is required for all 9th grade MCTA students. This class consists of a quarter of each of the following: Construction, Drafting, Metals, and Woodworking. Each quarter will introduce the students to measurements, tools and equipment, vocabulary and safety practices of each trade. Knowledge and skills relating to the 9th grade Integrated Project will be taught. Due to safety, space, available lab equipment and tools, each quarter is limited to 28 students maximum. 112 students total for the 4 quarter classes.

Course Title: **Introduction to Manufacturing - Drafting/CAD and Construction 8652**

Recommended Preparation: Exploring Manufacturing Technology with a grade of C or better; Teacher Approval

Grade Level: 10

Length of Course: 2 semesters = 10 credits

Introduction to Manufacturing - Drafting/CAD and Construction MCTA is one of two classes required for all 10th grade MCTA students. This is the second class in the drafting/CAD and construction sequence of courses. The course covers an overview of knowledge, modern manufacturing processes, related skills, leadership roles in industry, the interrelationship between management, technicians and labor, and skill building in all areas of manufacturing related to drafting/CAD and construction careers. Knowledge and skills relating to the 10th grade Integrated Project will be taught. Involvement in Skills USA is encouraged. Do to safety, space, available lab equipment and tools, each semester is limited to 28 students maximum. 56 total for both semester classes.

Course Title: **Manufacturing-Construction I 8656**

Recommended Preparation: Exploring Manufacturing Technology with a grade of C or better and Introduction to Manufacturing - Drafting/CAD and Construction with a grade of C or better; Teacher Approval

Grade Level: 11

Length of Course: 2 semesters = 10 credits

Manufacturing-Construction I is an 11th grade choice for all MCTA students. This is the third class in the construction sequence of courses. This class builds upon the architecture and construction knowledge and skills gained in the Sophomore year enabling the Junior student to maximize their skills development through the application of knowledge and skills required to successfully complete a comprehensive construction based projects in the following topics; Project Analysis (Plan Reading) /Measurement/Layout, Concrete and Forming, Wood Framing, Electrical and Plumbing Installation, insulation/HVAC, Building Finishing (Interior & Exterior), Roofing, and Finish Carpentry. The knowledge and skills developed in this course will relate to the 11th grade Integrated Project. Involvement in Skills USA is encouraged. Do to safety, space, available lab equipment and tools, this class is limited to 24 students maximum.

Course Title: **Manufacturing-2D/3D Modeling and Design 8651**

Recommended Preparation: Exploring Manufacturing Technology with a grade of C or better and Introduction to Manufacturing - Drafting/CAD and Construction with a grade of C or better and Architectural Design 1 with a grade of C or better; Teacher Approval

Grade Level: 11

Length of Course: 2 semesters = 10 credits

2D/3D Modeling and Design is an 11th grade choice for all MCTA students or those that have taken Architectural Design 1. This is the third class in the drafting/CAD sequence of courses. This class emphasizes development of skills directly related to 3-Dimensional part design and manufacturing. The various stages of part design as well as technical use of the Inventor 3D CAD software, and 3D printing software and practices related to computer-aided design continues to be a theme of the course. The knowledge and skills developed in this course will relate to the 11th grade Integrated Project. Involvement in Skills USA is encouraged. Do to safety, space, available lab equipment and tools, this class is limited to 24 students maximum.

**Course Title: Construction II 8654**

**Recommended Preparation:** Exploring Manufacturing Technology with a grade of C or better and Introduction to Manufacturing - Drafting/CAD and Construction with a grade of C or better and Manufacturing-Construction I with a grade of C or better; Teacher Approval

**Grade Level:** 12

**Length of Course:** 2 semesters = 20 credits (2 periods a day)

Construction II is the capstone class of the MCTA construction sequence. This class is designed for senior students to analyze and design either group or independent projects and then utilize and apply the knowledge and skills which they have gained in their previous three years of MCT A classes to fabricate their project to meet professional standards of quality and workmanship. The senior project will require students to use multiple operational skills and equipment involved with; Project Analysis (Plan Reading)/Measurement/Layout, Concrete and Forming, Wood Framing, Electrical and Plumbing Installation, insulation/HVAC, Building Finishing (Interior & Exterior), Roofing, and Finish Carpentry. Construction and business management will also be a portion of the course content. Students enrolled in this course will be required to complete OSHA 10 Safety Training. Students who successfully complete the Construction II course should have amassed sufficient knowledge and skills as to be eligible for employment in the construction industry upon graduation. The knowledge and skills developed

**Course Title: Manufacturing Cabinetry MCTA 8655**

**Recommended Preparation:** None

**Grade Level:** 11

**Length of Course:** 2 semesters = 10 credits

Manufacturing-Cabinetry is an 11th grade choice for all MCTA students. This is the third class in the woods sequence courses. This class emphasizes the development of skills directly related to modern manufacturing processes related to cabinetry. Leadership roles in industry, the interrelationship between management, technicians and labor in all areas of manufacturing related to cabinetry continues to be a theme of the course. The main project for this course is the design and construction of all cabinetry related in the building of the Pathway House project. This will include kitchen, bathroom vanities, and other cabinets throughout the home. Knowledge and skills relating to the 11th grade Integrated Project will be taught. Involvement in SkillsUSA is encouraged. Do to safety, space, available lab equipment and tools, this class is limited to 24 students maximum.

**Course Title: Product Design and Manufacturing Woods 7111**

**Recommended Preparation:** Integrated Math 1P, Integrated Math 2P or higher (can be concurrent for Integrated Math 2P or higher)

**Grade Level:** 12

**Length of Course:** 2 semesters, 2 periods = 20 credits

This class is designed for Manufacturing and Construction students to put into practice the building and manufacturing skills and techniques they have learned in the academy classes to manufacture a product(s) of sufficient size and scope. It is a project-based course that applies theories and principles of physics, materials, chemistry and scientific inquiry as students use acquired skills in designing, prototyping, constructing and evaluating. Students will use acquired skills in machining, cutting, molding, cabinetry, forming, and construction.

**Course Title: Welding and Machine Manufacturing 1 8425**

**Recommended Preparation:**

**Grade Level:** 9, 10

**Length of Course:** 2 semesters = 10 credits

This class is for students who want to learn to weld or develop the skills necessary to become a machine operator or machinist. The welding portion covers arc welding, oxy-acetylene welding, and gas metal arc welding (mig). The machine tool portion covers lathe operations, milling machine operations and an introduction to computer aided design (CAD) and computer aided manufacturing (CAM).

Course Title: **Manufacturing - Metalworking and Fabrication 8657**

Recommended Preparation: Exploring Manufacturing Technology with a grade of C or better and Introduction to Manufacturing - Woods and Metals; Teacher Approval

Grade Level: 11

Length of Course: 2 semesters = 10 credits

Manufacturing- Metalworking and Fabrication- Metals is an 11th grade choice for all MCTA students. This is the third class in the metals sequence of courses. This class emphasizes the development of student skills to analyze and design class projects and then utilize and apply the knowledge and skills which they have gained in their previous two years of MCTA classes to fabricate assigned projects to meet professional standards of quality and workmanship. These projects will require students to use multiple operational skills and equipment involved with; Product Analysis, Design/Measurement/ Layout/ Management, Cutting, Shaping/Forming, Bending, Drilling, Machining, Welding and Finishing. Manufacturing and metals business management will also be a portion of the course content. Students who successfully complete the Manufacturing- Metalworking and Fabrication course should have amassed sufficient knowledge and skills as to be eligible proceed on to the fourth year courses of the MCTA Metals sequence. Knowledge and skills relating to the 11th grade Integrated Project will be taught. Involvement in Skills USA is encouraged. Do to safety, space, available lab equipment and tools, this class is limited to 24 students maximum.

Course Title: **Advanced Welding & Manufacturing 8476**

Recommended Preparation:

Grade Level: 12

Length of Course: 2 semesters, 2 periods = 20 credits

Manufacturing techniques in metals are the major elements of this course. Students will design and produce a minimum of one project in oxy-acetylene welding and conventional electric arc welding, TIG (Heliarc) welding, MIG (semi-automatic) welding, ornamental iron and structural angel development. Students will use lathes, mills, foundry, and other available equipment for construction of projects. Manufacturing projects are encouraged.

Course Title: **Product Design and Manufacturing Metals 7112**

Recommended Preparation: Integrated Math 1P, Integrated Math 2P or higher (can be concurrent for Integrated Math 2P or higher)

Grade Level: 12

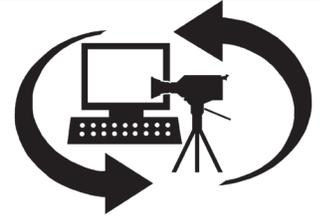
Length of Course: 2 semesters, 2 periods = 20 credits

This class is designed for Manufacturing and Construction students to put into practice the building and manufacturing skills and techniques they have learned in the academy classes to manufacture a product(s) of sufficient size and scope. It is a project-based course that applies theories and principles of physics, materials, chemistry and scientific inquiry as students use acquired skills in designing, prototyping, constructing and evaluating. Students will use acquired skills in welding, and fabrication.





**Multimedia and Technology Academy  
Monache High School  
(MTA)**



Students must choose one track and remain on that track from 10th-12th grade

	9th Grade	10th Grade	11th Grade	12th Grade
<b>Career Pathway: Design, Visual and Media Arts</b>	<b>Course Name:</b> Careers in Multimedia <b>Course # 6870</b> <b>Course Level:</b> Introductory	<b>Course Name:</b> Graphic Design I <b>Course # 6872</b> <b>Course Level:</b> Introductory	<b>Course Name:</b> Graphic Design II <b>Course # 6873</b> <b>Course Level:</b> Concentrator	<b>Course Name:</b> Graphic Design III <b>Course # 6874</b> <b>Course Level:</b> Capstone
<b>Career Pathway: Production and Managerial Arts</b>		<b>Course Name:</b> Video Productions I <b>Course # 4195</b> <b>Course Level:</b> Introductory	<b>Course Name:</b> Video Produc- tions II <b>Course # 4196</b> <b>Course Level:</b> Concentrator	<b>Course Name:</b> Advanced Media Broadcasting <b>Course # 4194</b> <b>Course Level:</b> Capstone  <b>Course Name:</b> Advanced Film Production P <b>Course # 6871</b> <b>Course Level:</b> Capstone  <b>College Courses</b> <b>Course Name:</b> Art B26 Multimedia <b>Course # TBD</b> <b>Course Level:</b> Capstone  <b>Course Name:</b> Art B43 Video Production <b>Course # TBD</b> <b>Course Level:</b> Capstone

College Preparation  
Course Sequence

\*English \*Foreign Language \*Math \*Science \*Social Science  
\*P = (CSU/UC Approved)

Course Title: **Careers in Multimedia 6870**

Recommended Preparation:

Grade Level: 9

Length of Course: 2 semesters = 10 credits

This is the introductory course for the Multimedia and Technology Academy at Monache High School. This course will introduce students to the foundational skills in both graphic design and video production as well as provide them with the understanding of what careers are available in the Arts, Media and Entertainment sector. The purpose of the Careers in Multimedia course is to increase the student knowledge to the types of skills that they will be developing as they look to pursue careers in this field. It will also help student to make a decision on which strand of the academy they will choose to pursue. The course is also designed to help students learn and practice valuable skills to help them to be career and college ready, Students will demonstrate their understanding of career paths through a variety of assessment, multimedia projects, job simulations, speeches, research assignments, on line portfolio development, and essay papers, In this course, students will develop a personalized 10-year plan that provides them with the focus and intrinsic motivation to succeed in school, at work and in life.

Course Title: **Graphic Design I P 6872**

Recommended Preparation:

Grade Level: 9, 10

Length of Course: 2 semesters = 10 credits

Graphic Design 1 is designed to introduce students to develop artistic concepts and the basic technical skills necessary for entry level employment in the graphic arts industry, to understand the basic printing process, to develop a sense of graphic design and its applications in the advertising and graphic arts industry, and to emphasize professional standards. This is the beginning Graphic Arts course in the Multimedia and Technology Academy's Graphic Design sequence. A further goal of the class is to inspire students to strive for advanced career goals in graphic arts and prepare them for instruction at the post-secondary level. Instruction will be accomplished in a combination of graphics classroom/production laboratory environment. Emphasis will be placed on developing the students' ability to work independently. The class will provide intense experience to the student in the areas of computer operation and technology, graphic related software, creative visual thinking, design, preparation of layout, deadlines, and customer relations. Upon receiving advanced instruction and developing the necessary skills in the chosen graphic arts area, the student may further his/her skills and experience through the community classroom or cooperative community classroom.

Course Title: **Graphic Design II P 6873**

Recommended Preparation:

Grade Level: 11

Length of Course: 2 semesters = 10 credits

Graphic Design II is designed to provide the student with knowledge, skill, and the hands-on applications of graphic digital imagery for publication. Students will explore digital technology in the areas of photographic imaging, video film-making and editing. Students will learn how to apply design principles to different digital art forms. Much of the course will be spent in the areas of desktop publishing, digital photography and the digital darkroom. The course will follow the Visual and Performing Arts course standards.

Course Title: **Graphic Design III P 6874**

Recommended Preparation: Graphic Design I & Graphic Design II

Grade Level: 12

Length of Course: 2 semester = 10 credits

This course will cover the fundamental principles and elements of visual communication, including the historical development of such theory in the Western world. Students will engage in a comprehensive exploration of the various aspects of visual communication including theory, technology and practice. Graphic Design 3-4 is intended for self-motivated students who wish to continue their education in the Graphic Design field and who would like to contribute in a meaningful and tangible way to the WVHS design community through service projects.

Students will familiarize themselves with design concepts beginning with hands-on problem-solving exercises and abstract visual experimentation. They will move on to interact with state-of-the-art graphic design tools, namely, Adobe Creative Cloud: Illustrator, Photoshop, and InDesign, and also gain a basic understanding of previous artistic principles and technology which has provided the foundation for current methods.

Course Title: **Video Productions II P 4196**

Recommended Preparation:

Grade Level: 11

Length of Course: 2 semesters = 10 credits

The students will demonstrate their understanding and skill of video production by producing regular broadcasts. The advanced students will have an active role in leading and managing all video productions. They will also be taught the basic skills necessary for Final Cut Pro Certified Associate certification and/or Adobe Premiere Pro certification, which will give the students a head start for the job market or as a foundation for continued education in video editing. Students will have the opportunity to move from a general understanding of video production to a level of basic broadcast production. Students will utilize the knowledge and experience gained in Video Productions 1 to further acquire skills in areas of program concepts, scripting, storyboarding, visualizing, producing, and editing. Students will produce and edit a variety of video production projects focusing on both the aesthetic and technical aspects of video production. Emphasis is placed on the conceptualization, planning, and execution of advanced television programs, as well as the creative aspect of television communication. Course includes training in all aspects of the Video Production industry and offers a community classroom component. Will include training in job skills.

Course Title: **Advanced Media Broadcasting P 4194**

Recommended Preparation: Video Production 1

Grade Level: 12

Length of Course: 2 semesters = 10 credits

Throughout this course students will be utilizing critical thinking and interpersonal skills to develop and produce video based projects. Completion of this course will provide students with an invaluable introduction to the challenging and rewarding broadcasting industry, and develop skills that will serve them for a lifetime. Students will work on broadcast news and events production, putting together a compelling news show or live event broadcast on time. Students will work in teams, participating in a series of projects, which showcases their reporting, editing, and production skills for broadcast media.

Course Title: **Advanced Film Production P 6871**

Recommended Preparation: Video Production 1 & Video Production 2

Grade Level: 12

Length of Course: 2 semesters = 10 credits

Advanced Film Production is a one year, advanced level course that meets the UC "F" requirement for admission into the UC system and builds on students' artistic design and writing skills by focusing on a variety of video production projects, including documentaries, narratives, commercials, and movie trailers. This course is intended for students planning to pursue a career or post-secondary major in film and video production.

Course Title: **Video Productions I P 4195**

Recommended Preparation

Grade Level: 9, 10

Length of Course: 2 semester = 10 credits

This is a year long course designed to advance the skills of the student in all of the following: video camera use, lighting, importing/exporting from camera to Apple computers; as well as use of video editing software (Final Cut Pro and Adobe Premiere Pro). The course guides students through all phases of digital video production, including pre-production and planning, executing and managing a video shoot, and editing and post-production techniques. Additionally, the students will be introduced to the skills necessary to produce regular broadcast segments and shows. Some of the skills that will be introduced and grade are the following: Storyboarding, interview segments, studio camera and lighting techniques, audio mixing, as well as video switchboard operation. By the completion of the course the students will have the knowledge required to produce an acceptable segment and/or video show. Students have a chance to discover the types of careers that exist in digital media and design today.

Course Title: **Art Multimedia (BC #B26)**

M

Recommended Preparation:

Grade Level: 12

Length of Course: 1 semester = 5 credits

This course introduces the close analysis of film and television texts. Examines the broad questions of form and content, aesthetics and meaning, and history and culture. Explores the diverse possibilities presented by the cinematic art form through and examination of a wide variety of productions, national cinemas, and film movements. Topics include modes of production, narrative and non narrative forms, visual design, editing, sound, genre, ideology and critical analysis. CSU/UC transferable.

Course Title: **Art Video Production (BC #B43)**

M

Recommended Preparation:

Grade Level: 12

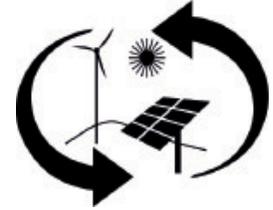
Length of Course: 1 semester = 5 credits

This course provides an introduction to the theory, terminology, and operation of single camera video production, including composition and editing techniques, camera operation, portable lighting, video recorder operation, audio control and basic editing. This course focuses on the aesthetics and fundamentals of scripting, producing, directing on location, post production, and exhibition/distribution. CSU/US transferable.





**Academy of Energy Resource Occupations  
Porterville High School  
(AERO)**



	<b>9th Grade</b>	<b>10th Grade</b>	<b>11th Grade</b>	<b>12th Grade</b>
<b>Career Pathway: Energy and Environment and Utilities</b>	<b>Course:</b> Engineering, Alternative Energy, and Green Architecture <b>Course #</b> <b>Course Level:</b> Introductory	<b>Course Name:</b> Green Technology <b>Course #</b> 6512 <b>Course Level:</b> Concentrator	<b>Course Name:</b> Engineering Technology <b>Course #</b> 6513 <b>Course Level:</b> Capstone	
	<b>Career Pathway:</b> Building and Construction Trades		<b>Course Name:</b> Building, Remodeling, Repair & Maintenance P <b>Course #</b> 8575 <b>Course Level:</b> Concentrator/ Capstone	
<b>College Preparation Course Sequence</b>	<b>*English *Foreign Language *Math *Science *Social Science</b> <b>*P = (CSU/UC Approved)</b>			

Course Title: **Engineering, Alternative Energy, and Green Architecture**  
 Recommended Preparation: None  
 Grade Level: 9  
 Length of Course: 2 semesters = 10 credits

The Engineering, Alternative, Energy, and Green Architecture class is a hands-on performance-based class that introduces students to the fields of engineering and energy. Throughout this class, students will learn about the history of architecture, the elements of design, trade-related occupations, clean energy, and how to use the engineering design process to solve engineering design challenges. Essential industry-based skills and technology will be taught as students learn how to use dimensioning and perspective to create technical sketches, orthographic projections, and 2D and 3D representations. Students will gain skills in using the Autodesk Revit and Inventor software programs as they create drawings and blueprints during team-based projects presented throughout the course. Upon completion of this course, students will be more confident in their abilities to organize ideas, communicate, collaborate, and work ideas into innovative and useful creations.

Course Title: **Green Technology 6512**  
Recommended Preparation: AERO Student  
Grade Level: 10  
Length of Course: 2 semesters = 10 credits

This course is a general introduction to sustainability and renewable energy. Often as individuals, we do not understand the impact of simple choices we make everyday. This course will attempt to offer insight into these and other decisions we make. Major topics in this STEM based course are food, shelter, water, air, energy, waste, transportation, and consumerism. Also included will be a study of the 101 things we need to know. The investigation of these topics will be at the global, national, local, and personal levels.

Course Title: **Engineering Technology 6513**  
Recommended Preparation: AERO Student  
Grade Level: 11  
Length of Course: 2 semesters = 10 credits

This course introduces students to a variety of electrical and renewable different technologies. They will gain experience with measurement tools and instruments, performing experiments with electrical circuits, mechanical and fluid systems.

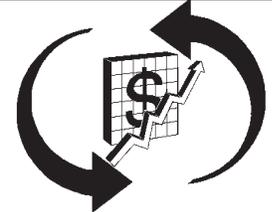
Course Title: **Building Remodeling, Repair, & Maintenance P 8575**  
Recommended Preparation: AERO Student  
Grade Level: 12  
Length of Course: 2 semesters = 10 credits (2 periods each day)

Students will have hands-on learning experiences in construction framing methods, electrical wiring, plumbing installation, drywall hanging and repair, door and window installation and replacement, concrete forming and pouring, ceramic tile installation and repair as well as brick and block skills. Students will have opportunities to construct buildings such as storage sheds and gazebos and be more able and knowledgeable in caring for and maintaining their own homes.





**Partnership Academy of Business  
Porterville High School  
(PAB)**



Students must choose one track and remain on that track from 10th-12th grade

	9th Grade	10th Grade	11th Grade	12th Grade
<b>Career Pathway: Financial Services</b>	<b>Course Name:</b> Principles of Finance P <b>Course # 6703</b> <b>Course Level:</b> Introductory  <u><b>College Course</b></u>  <b>Course Name:</b> Student Success Career Pathway P152 PAB <b>Course # CLIN5P</b> <b>Course Level:</b> Introductory	<b>Course Name:</b> Financial Planning and Services P <b>Course # 6708</b> <b>Course Level:</b> Concentrator	<b>Course Name:</b> Computer Accounting 1 P <b>Course # 6725</b> <b>Course Level:</b> Concentrator  <b>Course Name:</b> Retail Sales <b>Course #6851</b> <b>Course Level:</b> Capstone	<b>Course Name:</b> Entrepreneurship PAB P <b>Course # 6704</b> <b>Course Level:</b> Capstone  <b>Course Name:</b> Banking & Financial Services PAB <b>Course # 6710</b> <b>Course Level:</b> Concentrator  <b>Course Name:</b> Retail Sales <b>Course # 6851</b> <b>Course Level:</b> Capstone
	<b>Career Pathway: Financial Services</b>	<b>Course Name:</b> Principles of Finance P <b>Course # 6703</b> <b>Course Level:</b> Introductory  <u><b>College Course</b></u>  <b>Course Name:</b> Student Success Career Pathway P152 PAB <b>Course # CLIN5P</b> <b>Course Level:</b> Introductory	<b>Course Name:</b> Financial Planning and Services P <b>Course # 6708</b> <b>Course Level:</b> Concentrator	<b>Course Name:</b> Computer Accounting 1P <b>Course # 6725</b> <b>Course Level:</b> Concentrator
<b>College Preparation Course Sequence</b>	<b>*English *Foreign Language *Math *Science *Social Science</b> <b>*P = (CSU/UC Approved)</b>			

Course Title: **Principles of Finance P 6703**

Recommended Preparation: For Partnership Academy in Business Students

Grade Level: 9

Length of Course: 1 semester = 5 credits

This is the first course students take in the academy of Finance and introduces students to the financial world. Students develop financial literacy as they learn about the function of finance in society. They study income and wealth; examine financial institutions; learn how businesses raise capital; and study key investment-related terms and concepts. They also research how innovations have changed the financial services field. Finally, students explore careers that exist in finance today.

Course Title: **Student Success Career Pathway P152 PAB**

**CLIN5P**

INST P152 - COLLEGE AND CAREER READINESS/CAREER CHOICES

Recommended Preparation: PAB Student

Grade Level: 9

Length of Course: 1 semesters = 5 credits

This classroom-based, guidance experience teaches students a quantifiable decision-making process that will help them identify and plan for their career and education goals. The culmination of this process is the development of an online career and education 10-year plan that can be used for advisory and academic coaching purposes and updated as students' change, and/or face transitions. The personalized 10-year plan provides the focus and intrinsic motivation to succeed in college, at work and in life. (A/CSU) PC-Area A

Course Title: **Financial Planning and Services P 6708**

Recommended Preparation: Pathway Specific

Grade Level: 10

Length of Course: 1 semester = 5 credits

This course gives students an overview of banks and other financial services companies. It introduces students to the origins of money and banking and examines the early history of banking in the United States. Students study the financial services industry and the types of companies it includes in depth. They learn about the services offered by such companies and analyze the ways these companies earn profits. Finally, students examine careers in financial services. Financial Planning provides students with an overview of the job of a financial planner. Students learn to consider how all aspects of financial planning might affect a potential client, and learn about the importance of financial planning in helping people reach their life goals. This course includes lessons on saving, borrowing, credit, and all types of insurance, and covers various types of investments. Students also examine careers in financial planning.

Course Title: **Computer Accounting 1 P 6725**

Recommended Preparation: None

Grade Level: 11

Length of Course: 1 semester = 5 credits

Computer Accounting provides students with an understanding of the accounting process and how it facilitates decision making by providing data and information to internal and external stakeholders. Students learn that accounting is an integral part of all business activities. Students are first introduced to the accounting cycle through a service type of business. Students then learn accounting procedures of a merchandising business 2nd semester. Students will complete at least two accounting/business simulations (simulating the entire accounting for a month of transactions) using online software.

Course Title: **Retail Sales 6851**  
Recommended Preparation: None  
Grade Level: 11, 12  
Length of Course: 2 semester = 10 credits

Retail Sales will provide students an opportunity to operate an on-campus retail establishment as they apply concepts in the fields of marketing, selling, distribution, inventory, cross-training, and bookkeeping. Students learn how to analyze customers' needs so that the merchandise sold will satisfy those needs. Students learn to evaluate the nature of business decisions, and recognize and analyze the factors affecting those decisions. Students are exposed to a variety of guest speakers that present on current business-related topics, industry standards, and trends, and serve as mentors to the students. Meets the Fine Arts/Foreign Language/CTE course requirement for graduation. Must meet student assistant requirements.

Course Title: **Entrepreneurship PAB P 6704**  
Recommended Preparation: None  
Grade Level: 12  
Length of Course: 1 semester = 5 credits

Entrepreneurship provides students with an understanding of the critical role played by entrepreneurs in the national and global economy. Students explore the steps necessary for starting a business, including analyzing the market, finding financing, and creating a form of organization that will accommodate future growth. They learn about the operational issues that new businesses face, such as regulations, and the financial risks of starting a business. Students examine ethical issues and develop a framework for managing them. Finally, students identify the risks, returns, and other aspect of entrepreneurship as a potential career.

Integral to the curriculum is a culminating project that builds on student's ability to research the market and develop a business plan. Students work in teams to develop a business idea that fills a need in the market. In the process of completing their project, the students create a marketing plan for their business, make financial projections and assess the risks inherent in the new venture.

Course Title: **Banking and Financial Services PAB 6710**  
Recommended Preparation: Successful completion of Principles of Finance and Financial Planning and Services  
Grade Level: 11, 12  
Length of Course: 2 semester = 10 credits

This course is a capstone course that prepares students for a variety of entry-level positions with banks, credit unions, and savings associations. The on-campus financial institution is an innovative approach in Business Education, teaching students the basic principles and practices of the Financial Services Industry. Students that work in the on-campus financial institution develop a deeper understanding of how financial institutions operate. They receive training in banking operations, including teller duties, finance terminology, check cashing, deposits, communication skills, and customer sales and service. Students are introduced to supply and demand, the Federal Reserve system, and state and federal government regulations. English Language Arts and Math are integrated throughout the course while students learn current and useful job skills, including the opportunity to become certified in Microsoft Word and Excel, as well as train for a job or career in the Financial Services Industry. This course offers students an internship through work-based learning opportunities to learn, participate, and work with confidence alongside financial institution professionals.

Course Title: **Intro to Business PAB (PC #BSAD P101) CLBS01**  
Recommended Preparation: None  
Grade Level: 12  
Length of Course: 1 semester = 5 credits

Total lecture 54 hours. Introductory study of American business providing a multidisciplinary examination of how culture, society, economic systems, legal, international, political, financial institutions, and human behavior interact to affect a business organization's policy and practices within the U.S. and a global society. Demonstrates how the influences impact the primary areas of business including: organizational structure and design; leadership, human resource management, organized labor practices; marketing; organizational communication; technology; entrepreneurship; legal, accounting, financial practices; the stock and securities market; and therefore affect a business' ability to achieve its organizational goals.

Course Title: **Principles of Marketing (PC# MKTG P124) CLMK24**  
Recommended Preparation: Eligible for English level 2, INST 152, and INFO 100  
Grade Level: 12  
Length of Course: 1 semester = 5 credits

Total lecture 54 hours. This course is designed to provide an active-learning approach involving students in the operational, promotional and developmental problems of marketing from the entrepreneurial perspective to the corporate perspective; focusing on local, national, and global issues. Topics include buying, pricing, sales promotion, salesmanship, public relations, stock control and record keeping.





**Porterville Academy of Health Sciences  
Porterville High School  
(PAHS)**



	9th Grade	10th Grade	11th Grade	12th grade
<b>Career Pathway: Patient Care</b>	<b>Course Name:</b> Foundations in Health Science P <b>Course # 3440</b> <b>Course Level:</b> Introductory	<b>Course Name:</b> Global Health PAH P <b>Course # 3432</b> <b>Course Level:</b> Concentrator	<b>Course Name:</b> Essentials of Nursing <b>Course # 3462</b> <b>Course Level:</b> Concentrator  <u><b>College Courses</b></u>  <b>Course Name:</b> Health Education P112 <b>Course #CLH12P</b> <b>Course Level:</b> Concentrator	<b>Course Name:</b> Sports Medicine/ Athletic Training P PAHS <b>Course # 5411</b> <b>Course Level:</b> Capstone
<b>Career Pathway: Patient Care</b>	<b>Course Name:</b> Foundations in Health Science P <b>Course # 3440</b> <b>Course Level:</b> Introductory	<b>Course Name:</b> Global Health PAH P <b>Course # 3429</b> <b>Course Level:</b> Concentrator  <b>Course Name:</b> Biotechnology <b>Course # 8944</b> <b>Course Level:</b> N/A	<b>Course Name:</b> Essentials of Mental Health and Nursing PAHS <b>Course # 3463</b> <b>Course Level:</b> Concentrator	<u><b>College Course</b></u>  <b>Course Name:</b> Introduction to Kinesiology 101 <b>Course # CLKI01</b> <b>Course Level:</b> Capstone
<b>College Preparation Course Sequence</b>	<b>*English *Foreign Language *Math *Science *Social Science *P = (CSU/UC Approved)</b>			

**Course Title: Foundations in Health Sciences P 3440**

Recommended Preparation: For Partnership Academy in Health Sciences Students

Grade Level: 9

Length of Course: 2 semesters = 10 credits

Foundations in Health Sciences is a college preparatory course designed by Paxton Patterson. It is a survey course designed to introduce students to a broad spectrum of health careers. The course is based on a learning system that prepares high school students for careers related to medicine, nursing, and health science programs- from Biomedical Engineering to Veterinary Medicine. Students rotate learning modules every few weeks and gain hands on skill like creating dental molds and learning to splint injured limbs.

**Course Title: Biotechnology 8944**

Recommended Preparation: For Partnership Academy in Health Sciences Students

Grade Level: 10

Length of Course: 2 semesters = 10 credits

Biotechnology course is designed to give students an introduction to the scientific concepts and laboratory research techniques currently used in the field of biotechnology. Students develop laboratory skills, critical thinking and communication skills currently used in the fields of genetics, microbiology and biotechnology. Through extensive reading, laboratory work and workplace experiences, students will gain workplace competency skills in the field of biotechnology.

**Course Title: Global Health PAH P 3429**

Recommended Preparation: None. For Partnership Academy in Health Sciences Students.

Grade Level: 10

Length of Course: 2 semester = 10 credits

Global Health introduces students to public health on a global scale. Students learn what disease is and investigate how it impacts world populations. By studying different societies, they learn about the relationship between health and socio-economic development. Students learn how environmental, nutritional, and behavioral risk factors jeopardize health. They learn how communities, governments, and cooperative global efforts can intervene to improve health. In many lessons, students practice deciphering and interpreting the data they find in tables, charts, graphs, and maps. Students are exposed to working with information compiled by the foremost global health agencies, such as the World Health Organization, the Centers for Disease Control and Prevention, the World Bank, and UNICEF. Based on standards from Section B. of the California Department of Education CTE Model Curriculum Standards for Health Science and Medical Technology, this course provides rigorous, standards-driven instruction and assessment, integrates academic and career-technical concepts, and contributes significantly to students' academic achievement. At the conclusion of the course, students have a chance to explore what it would be like to have a career in global health. Meets the "g" requirements for A-G.

**Course Title: Essentials of Nursing 3462**

Recommended Preparation: For Partnership Academy in Health Sciences Students

Grade Level: 11

Length of Course: 2 semester = 10 credits

This course is an introduction to the foundation of nursing practice. It includes a brief history of the nursing profession. Concepts related to professionalism and nursing ethics and nursing process is introduced. Basic medical terminology the basics of nutrition related to healthcare of the client is learned.

**Course Title: Health Education P112**

**CLH12P**

Recommended: Preparation: None

Grade Level: 11

Length of Course: 1 semester = 5 credits

A course in health education based upon the fundamental concepts of human biology. Includes a study of diseases, sex education, drug abuse, emotional health, environmental health, nutrition, and consumer health.

Course Title: **Sports Medicine/Athletic Training 5411**

Recommended Preparation: Health Occupations II and one year of science with a "C" or better.

Recommended that student have taken or be currently enrolled in the Nurse Assistant AND concurrent enrollment in Physiology P.

Grade Level: 12

Length of Course: 2 semesters, 2 periods = 20 credits

Class provides an emphasis in prevention, care, and rehabilitation of athletic injuries. Students will obtain background knowledge in basic anatomy and physiology, medical terminology, ethical and legal issues as they relate to the field of sports medicine, and sport psychological theories. Students will receive training and optional certification in First Aid and Car-diopulmonary Resuscitation (CPR) as well as use of Automated External Defibrillator's (AED). All students are required to observe and participate in a variety of settings including theory, Skills Lab practice, and after-school sporting events. Meets the Fine Arts/Foreign Language/CTE course requirement for graduation.

Course Title: **Essentials of Mental Health and Nursing PAHS 3463**

Recommended Preparation: None

Grade Level: 11

Length of Course: 2 semesters = 10 credits

Essentials of Mental Health and Nursing will provide students with insight into the professional world of nursing and will teach them strategies for coping, especially in times of crisis or trauma. Students will learn, practice, and use key medical terminology as they review the scope of practice and responsibilities as specified by the California Board of Registered Nursing and will demonstrate essential collaboration and teamwork skills through practical application of nursing assistant skills.

Course Title: **Introduction to Kinesiology 101 (PC #KIN P101) CLK101**

Recommended Preparation: For Pathway Academy in Health Sciences Students

Grade Level: 12

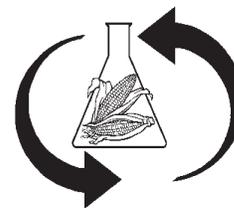
Length of Course:

This is a dual-enrollment course with Porterville College. The course covers the history and trends in physical education, kinesiology, fitness, and sport. Areas covered include an orientation to major subfields such as exercise physiology, bio-mechanics, motor learning, sport sociology, and exercise psychology. The course also explores available career opportunities and pathways in the areas of allied health, sport, fitness, physical therapy, teaching, and coaching.





**Academy of Emerging Agricultural Technology  
Strathmore High School  
(EAT)**



	9th Grade	10th Grade	11th Grade	12th Grade
<b>EAT CTE Course Sequence</b>	<b>Course Name:</b> Intro to Ag Eat <b>Course # 6102</b> <b>Course Level:</b> Introductory	<b>Course Name:</b> Plant & Soil Science EAT <b>Course # 6003</b> <b>Course Level:</b> Capstone	<b>Course Name:</b> Sustainable Ag EAT <b>Course # 5710</b> <b>Course Level:</b> Concentrator	<b>Course Name:</b> EAT Capstone <b>Course # 5928</b> <b>Course Level:</b> Capstone
<b>College Preparation Course Sequence</b>	<b>*English *Foreign Language *Math *Science *Social Science</b> <b>*P = (CSU/UC Approved)</b>			

Course Title: **Plant and Soil Science** **6003**  
 Recommended Preparation: EAT Pathway Student  
 Grade Level: 12  
 Length of Course: 2 semester = 10 credits

Plant and Soil Science is a lab-based, hands-on course that introduces students to the basic science of plants, such as structures, functions, and growth requirements as it relates to agronomy. The plant type focus will primarily be on field crops and the production and management of crops grown in hydroponic and aquaponics units. Students will also be introduced to the study, management, and conservation of soils. This course will cover basic concepts of soil science including composition genesis; physical, chemical, and biological properties; soil water; classification and mapping; and soil fertility and productivity.

Course Title: **Introduction to the Agriculture Industry** **6102**  
 Recommended Preparation: EAT Pathway Student  
 Grade Level: 9, 10  
 Length of Course: 2 semester = 10 credits

Introduction to Agriculture is a lab-based, hands-on course covering key concepts in biology, chemistry, earth science, and environmental science that relates to plant propagation, soil health, pest management, and sustainability. Students will develop essential agricultural skills and gain an understanding of global agricultural systems as they complete lab work, conduct research, and grow plants/crops on the Spartan farm.

Course Title: **Sustainable Ag P 5710**  
Recommended Preparation : EAT Pathway Student  
Grade Level: 11  
Length of Course: 2 semester = 10 credits

Students taking Sustainable Agriculture will gain an understanding of agro-ecological management principles and practices, learn about integrated pest management, think critically about where their food comes from, and be able to analyze the environmental, economic, and social costs and benefits in delivering food from farm to market. Students learn how to operate various technology systems, such as drones, remote sensing, sensors, and satellite imagery, that help promote more efficient and sustainable farming practices and will apply the knowledge and concepts learned while operating and managing two indoor farming systems and while growing crops on the Spartan farm.

Course Title: **EAT Capstone 5928**  
Recommended Preparation: EAT Pathway Student  
Grade Level: 12  
Length of Course: 2 semester = 10 credits

Eat Capstone course requires students to think critically as they use the skills and knowledge gained in their Emerging Agriculture Technology Pathway classes to research, test, and present a solution to an agricultural problem of their choosing. Suggested topics may include Agriculture Technology and Practices; Agriculture Policy and Societal issues; Farming Systems; Water Resources; Farm Energy Use; Conservation; Weed or Pest Management; Food Quality and Safety; Soil Management; Organic Certification; Farm Marketing Approaches; Erosion Control; Composting; and any other innovative project ideas. Integral to this course is mentorship provided by industry partners in the field of agriculture.



## PORTERVILLE MILITARY ACADEMY

Students apply for admission to Porterville Military Academy (PMA). Credit requirements for graduation are different than other PUSD high schools. PMA students participate in extra-curricular activities through a multi-campus agreement with Strathmore High School.

### PORTERVILLE MILITARY ACADEMY HIGH SCHOOL GRADUATION REQUIREMENTS

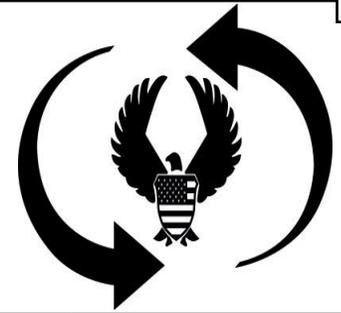
Subject	Semester Credits
<b>ENGLISH</b>	<b>40</b>
<b>HISTORY / SOCIAL SCIENCE</b> World History United States History Civics Economics	<b>30</b> 10 10 5 5
<b>MATHEMATICS</b> All students must pass Algebra or Integrated Math or an approved sequence of courses covering the Algebra standards (Ed. Code 51224.5) in grades 7-12. All students must complete three levels of Mathematics and are encouraged to take Math all 4 years to be college and career ready.	<b>30</b>
<b>SCIENCE</b> Laboratory Physical Science - Chemistry Laboratory Biological Science - Biology *All Students are required to take science their Freshman, Sophomore, and Junior years	<b>20</b> 10 10
<b>PHYSICAL EDUCATION / HEALTH</b>	<b>20</b>
<b>FINE ARTS</b>	<b>10</b>
<b>FOREIGN LANGUAGE</b>	<b>20</b>
<b>ELECTIVES</b>	<b>90</b>
<b>TOTAL TO GRADUATE</b>	<b>260</b>

#### COMPETENCIES:

**Technology:** All students must demonstrate computer competency through a computer course or challenge exam.



**Leadership Science and Aviation  
Porterville Military Academy**



	<b>9th Grade</b>	<b>10th Grade</b>	<b>11th Grade</b>	<b>12th Grade</b>
<b>Career Pathway: Leadership Science</b>	<b>Course Name:</b> CA Cadet Corp PMA <b>Course # 5080</b> <b>Course Level:</b> Introductory	<b>Course Name:</b> CA Cadet Corp PMA <b>Course # 5081</b> <b>Course Level:</b> Concentrator	<b>Course Name:</b> Applied Leadership 300 <b>Course # 5087</b> <b>Course Level:</b> Concentrator	<b>Course Name:</b> Applied Leadership 400 <b>Course # 5088</b> <b>Course Level:</b> Capstone
<b>Career Pathway: Transportation</b>	<b>Course Name:</b> Aviation Technology 1 <b>Course # 5090</b> <b>Course Level:</b> Introductory	<b>Course Name:</b> Aviation Technology 2 <b>Course # 5091</b> <b>Course Level:</b> Concentrator	<b>Course Name:</b> Aviation Technology 3 <b>Course # 5092</b> <b>Course Level:</b> Capstone	TBD
<b>College Preparation Course Sequence</b>	<b>*English *Foreign Language *Math * Science * Social Science *</b> <b>(CSU/UC Approved)</b>			

Course Title: **CA Cadet Corp 1 5080**

Recommended Preparation:

Grade Level: 9

The class is designed to be an applied leadership laboratory to teach leadership skills and hierarchical governmental structure, which ultimately enhances school pride, spirit and culture as well as the student's individual knowledge of a working government, private organizations and business. The class will focus on standards designed by the California Association of Directors of Activities and Common Core State Standards, including public speaking, written communication, service learning, presentation skills, community service, government hierarchy, personal and social development, goal setting, group dynamics, marketing, finance accounting, advertising, the bidding process and purchase within the constructs of the state procurement system. (Counts towards P.E. credits)

Course Title: **CA Cadet Corp 2 5081**

Recommended Preparation:

Grade Level: 10

Length of Course: 2 semester = 10 credits

The second year of study uses the personal life skills, self-discipline and professionalism developed during the first year, combined with the learned importance of functioning as part of a team, being capable of problem-solving and thinking critically as the base for a more advanced study in applied leadership. Students will study leadership traits and principles and be able to apply their new knowledge in ever increasing positions of responsibility. Second-year cadets will explore the different styles of leadership positions at the squad and platoon level. The second year of study creates the groundwork for the remaining two years of the applied leadership pathway. They will work at the operational and strategic levels of leadership coordination personnel and resources.

**Applied Leadership 300            5087**

Recommended Preparation: Completed CA Cadet Corp & CA Cadet Corp 2 (CA Cadet Corp waivable at the Commandant's discretion)

Grade Level: 11

Length of Course: 2 semester = 10 credits

The third year of study uses the knowledge gained in the previous years to now become primary players in the development of other students in their first and second year of study. As mid-level management and leaders of the applied leadership program, students evaluate corporate culture and climate and assist students in their fourth year of study as they develop vision for the academy. Students learn how management of both human and material resources, communication between departments or agencies, and prediction of markets, trends and public sentiment determines the success of any endeavor. Most importantly students will gain an appreciation of how their ability to influence behavior affects morale and

**Course Title:    Applied Leadership 400            5088**

Recommended Preparation: Completed CA Cadet Corp & CA Cadet Corp 2 & Applied Leadership 300 (CA Cadet Corp waivable at the Commandant's discretion)

Grade Level: 12

Length of Course: 2 semester = 10 credits

The culminating year for students in the Applied Leadership program is a synthesis of knowledge and skills developed in the 100, 200 and 300 level courses. 400 level students occupy senior level leadership or staff positions in a fully functioning hierarchical structure that plans, coordinates and operates all applied leadership level activities and events and provides a majority of the instruction to 100, 200 and 300 level students closely monitored by GTE credentialed teachers in the Public Service pathway. Students are required to complete a final project where a critical analysis is conducted of their previous years in the program to identify areas of growth, experiences that were most influential in their preparation for college or the workforce and most significant mistake made and how the student recovered. This will be completed in collaboration with the ELA department.

**Course Title:    Aviation Technology 1            5090**

Recommended Preparation:

Grade Level: 9

Length of Course: 2 semesters = 10 credits

Aviation 1 is a first year CTE course introducing aviation and engineering career opportunities. Using "Hands On" flight simulator training, students apply classroom math, science and engineering in project-based aircraft operations. Students will be capable of explaining how and airplane is constructed and powered to fly and support this with fact and formulas. Exploring the math and science in aviation leads to successful careers in aviation, coding, engineering, aviation repairs, air traffic control, logistics, aviation instrument repair or aviation business operations. Students work in Flight Crews of 3 students in both classroom and simulation activities to promote collaborative learning. Understanding the influence of Engineering Design on the history of aviation can explain how trial and error and engineering solved complex problems. Students will have the opportunity to sit for the FAA Drone Pilot or Private Pilot license. Mentors will be invited into the classroom and this course will offer trips to local airfields and museums helping to ignite further careers.

**Course Title:    Aviation Technology 2            5091**

Recommended Preparation: None

Grade Level: 10

Length Of Course: 2 semesters = 10 credits

This course will introduce students to basic aircraft and UAS structures and their major components, principles of flight, and the fundamental physical laws affecting flight. Students will learn about basic aerodynamics and forces that act on aircraft in flight. This course will also introduce the main systems found on large and small airplanes and UAS.

Course Title: **Aviation Technology 3**      **5092**  
Recommended Preparation: Aviation Technology 2  
Grade Level: 11, 12  
Length Of Course: 2 semesters = 10 credits

This course is foundational for both manned and unmanned aviation, and will prepare students to take either of two Federal Aviation Administration tests: the Private Pilot Knowledge Test or the Part 107 Remote Pilot Knowledge Test. Topics include: per-flight procedures, airspace, radio communications, aviation phraseology, regulations, airport operations, aviation safety, weather, cockpit management and emergency procedures.



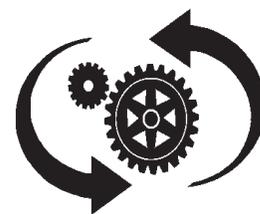
## HARMONY MAGNET ACADEMY

Students apply for admission to Harmony Magnet Academy. Credit requirements for graduation are different than other PUSD high schools. There are specialized courses offered in the School of Engineering and the School of Performing Arts. Harmony students participate in extra-curricular activities through a multi-campus agreement with Strathmore High School.

Subject	Semester Credits
<b>ENGLISH</b>	<b>40</b>
<b>HISTORY / SOCIAL SCIENCE</b> World History United States History Civics Economics	<b>30</b> 10 10 5 5
<b>MATHEMATICS</b> All students must pass Algebra or Integrated Math or an approved sequence of courses covering the Algebra Standards (Ed. Code 51224.5) in grades 7-12. All students must complete three levels of Mathematics and are encouraged to take math all 4 years to be college and career ready. Engineering students must complete three levels of Mathematics and be scheduled in a Math class all 4 years.	<b>30</b>
<b>SCIENCE</b> Laboratory Physical Science - Chemistry Laboratory Biological Science - Biology *All Students are required to take science their Freshman, Sophomore and Junior years	<b>20</b> 10 10
<b>PHYSICAL EDUCATION / HEALTH</b>	<b>20</b>
<b>FINE ARTS</b>	<b>10</b>
<b>FOREIGN LANGUAGE</b>	<b>20</b>
<b>ELECTIVES</b>	<b>90</b>
<b>TOTAL TO GRADUATE</b>	<b>260</b>



**Academy of Engineering  
Harmony Magnet Academy  
(AOE)**



	9th Grade	10th Grade	11th Grade	*12th Grade
<b>Career Pathway: Architectural Design</b>	<b>Course Name:</b> Introduction to Engineering Design P <b>Course # 8931</b> <b>Course Level:</b> Introductory	<b>Course Name:</b> Digital Electronics PLTW P <b>Course # 8106</b> <b>Course Level:</b> Concentrator	<b>Course Name:</b> Principles of Engineering P <b>Course # 8930</b> <b>Course Level:</b> Capstone  <b>Course Name:</b> Civil Engineering and arch P <b>Course # 8932</b> <b>Course Level:</b> Concentrator	
<b>Career Pathway: Engineering Technology</b>	<b>Course Name:</b> Introduction to Engineering Design P <b>Course # 8931</b> <b>Course Level:</b> Introductory	<b>Course Name:</b> Digital Electronics PLTW P <b>Course # 8106</b> <b>Course Level:</b> Concentrator	<b>Course Name:</b> Computer Science Principles P <b>Course # 4163</b> <b>Course Level:</b> Capstone  <b>Course Name:</b> Environmental Sustainability P <b>Course # 3023</b> <b>Course Level:</b> Capstone	
<b>Career Pathway: Engineering Design</b>	<b>Course Name:</b> Introduction to Engineering Design P <b>Course # 8931</b> <b>Course Level:</b> Introductory	<b>Course Name:</b> Digital Electronics PLTW P <b>Course # 8106</b> <b>Course Level:</b> Concentrator	<b>Course Name:</b> Computer Integrated Manufacturing <b>Course # 8111</b> <b>Course Level:</b> Concentrator  <b>Course Name:</b> Engineering Design and Development P <b>Course # 8941</b> <b>Course Level:</b> Capstone  *12th Grade students are required to enroll in an additional Engineering course	
<b>College Preparation Course Sequence</b>	<b>*English *Foreign Language *Math * Science *Social Science</b> <b>*P = (CSU/UC Approved)</b>			

**Course Title: Introduction to Engineering Design P 8931**

Recommended Preparation: Concurrent enrollment in a math class is required

Grade Level: 9

Length of Course: 2 semesters = 10 credits

Students use a problem-solving model to improve existing products and invent new ones. Using three-dimensional modeling software, students communicate the details of the products. Emphasis is placed on analyzing potential solutions and communicating ideas to others. Students will be expected to complete assignments and projects resulting in a products.

**Course Title: Digital Electronics PLTW P 8106**

Recommended Preparation: Introduction to Engineering and Principles of Engineering with grade of "C" or better  
Concurrent enrollment in math

Grade Level: 10

Length of Course: 2 semesters = 10 credits

This course teaches applied logic through work with electronic circuitry, which students also construct and test for functionality.

**Course Title: Principles of Engineering P 8930**

Recommended Preparation: Concurrent enrollment in a math class is required

Grade Level: 11, 12

Length of Course: 2 semesters = 10 credits

This introductory course explores the wide variety of careers in engineering and technology and looks at various technology systems and manufacturing processes. Using activities, projects, and problems, students learn first hand how engineers and technicians use math, science, and technology in an engineering problem-solving process to benefit people.

**Course Title: Civil Engineering and Architecture P 8932**

Recommended Preparation: Introduction to Engineering and Principles of Engineering with grade of "C" or better.  
Concurrent enrollment in a math class is required.

Grade Level: 11, 12

Length of Course: 2 semesters = 10 credits

Students apply what they learn about various aspects of civil engineering and architecture to the design and development of a property. Working in teams, students explore hands-on activities and projects to learn the characteristics of civil engineering and architecture. In addition, students use 3D design software to help them design solutions to solve major course projects. Students learn about documenting their project, solving problems and communicating their solutions to their peers and members of the professional community of civil engineering and architecture.

Course Title: **Computer Science Principles P 4163**

Recommended Preparation:

Grade Level: 11, 12

Length of Course: 2 semesters = 10 credits

Students create apps for mobile devices, automate tasks in a variety of languages, find patterns in data, and interpret simulations. Students collaborate to create and present solutions that can improve people's lives. Students practice problem solving with structured activities and progress to open-ended projects and problems that require them to develop planning, documentation, communication, and other professional skills. Problems aim for ground-level entry with no ceiling so that all students can successfully engage the problems. Students with greater motivation, ability, or background knowledge will be challenged to work further.

Course Title: **Environmental Sustainability P 3023**

Recommended Preparation: Successful completion of IM1; successful completion of/ or concurrent enrollment of IM2; successful completion of/pr concurrent enrollment in two laboratory science courses.

Grade Level: 11, 12

Length of Course: 2 semesters = 10 credits

This course specializes in PLTW Engineering. Students will investigate and design solutions to solve real-world challenges related to clean drinking water, a stable food supply, and renewable energy. Students are introduced to environmental issues and use the engineering design process to research and design potential solutions.

Course Title: **Computer Integrated Manufacturing P 8111**

Recommended Preparation: Introduction to Engineering and Principles of Engineering with grade of "C" or better  
Concurrent enrollment in math

Grade Level: 11, 12

Length of Course: 2 semesters = 10 credits

This course enhances computer modeling skills by applying principles of robotics and automations to the creation of models of three-dimensional designs.

Course Title: **Engineering Design and Development P 8941**

Recommended Preparation: Introduction to Engineering, Principles of Engineering, and Computer Integrated Manufacturing with grade of "B" or better. Digital Electronics recommended.  
Concurrent enrollment in a math class is required.

Grade Level: 12

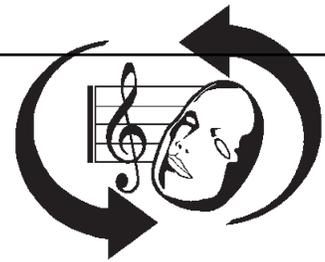
Length of Course: 2 semesters = 10 credits

Engineering Design and Development is a research course that requires students to formulate the solution to an open-ended engineering question. With a community mentor and skills gained in their previous courses, students create written reports on their applications, defend the reports, and submit them to a panel of outside reviewers at the end of the school year. This course requires students to formulate the solution to an open-ended engineering question. In this capstone course, teams of students spend the year solving problems of their own choosing. The teams apply principles developed in the four preceding PLTW core courses and are guided by a community mentor. They brainstorm possibilities, research current patents and regulations, construct a working model, test the model in real life situations (or simulation), document their designs, and present and defend the design to a panel of experts. With a community mentor and skills gained in their previous courses, students create written reports on their applications, defend the reports, and submit them to a panel of outside reviewers at the end of the school year.





**Academy of Performing Arts  
Harmony Magnet Academy  
(APA)**



	<b>9th Grade</b>	<b>10th Grade</b>	<b>11th Grade *12th Grade</b>
<b>Career Pathway: Design, Visual &amp; Media Arts Animation</b>	<b>Course Name:</b> Graphic Design P <b>Course # 6678</b> <b>Course Level:</b> Introductory	<b>Course Name:</b> Motions Graphics P <b>Course # 4184</b> <b>Course Level:</b> Concentrator	<b>Course Name:</b> Advanced Motion Graphics P <b>Course # 4189</b> <b>Course Level:</b> Capstone
<b>Career Pathway: Performing Arts Dance Choreography</b>	<b>Course Name:</b> Dance Elements Interpretation P <b>Course # 4330</b> <b>Course Level:</b> Introductory	<b>Course Name:</b> Dance Technologies II P <b>Course # 4331</b> <b>Course Level:</b> Concentrator  <b>Course Name:</b> Dance Elements Inter- pretation P <b>Course # 4330</b> <b>Course Level:</b> Introductory	<b>Course Name:</b> Dance Technologies III P <b>Course # 4333</b> <b>Course Level:</b> Capstone
<b>Career Pathway: Performing Arts Professional Music (Orchestra)</b>	<b>Course Name:</b> Beginning Orchestra P <b>Course # 4910</b> <b>Course Level:</b> Introductory	<b>Course Name:</b> Intermediate Orchestra P <b>Course # 4915</b> <b>Course Level:</b> Concentrator	<b>Course Name:</b> Advanced Orchestra P HMA <b>Course # 4920</b> <b>Course Level:</b> Capstone
<b>Career Pathway: Performing Arts Professional Theatre</b>	<b>Course Name:</b> Theatre Performance I P <b>Course # 4355</b> <b>Course Level:</b> Introductory	<b>Course Name:</b> Theatre Performance II P <b>Course # 4356</b> <b>Course Level:</b> Concentrator	<b>Course Name:</b> Theatre Performance III P <b>Course # 4357</b> <b>Course Level:</b> Capstone
<b>Career Pathway: Performing Arts Stage Technology</b>	<b>Course Name:</b> Technical Theatre P <b>Course # 4342</b> <b>Course Level:</b> Introductory	<b>Course Name:</b> Technical Theatre II P <b>Course # 4341</b> <b>Course Level:</b> Concentrator	<b>Course Name:</b> Performing Arts Capstone P <b>Course # 5955</b> <b>Course Level:</b> Capstone
		*10th Grade	*Required for 12th Grade Students

<b>College Preparation Course Sequence</b>	<b>*English *Foreign Language *Math *Science *Social Science *P = (CSU/UC Approved)</b>
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Course Title: **Graphic Design Production Principles P 6678**

Recommended Preparation: None

Grade Level: 9

Length of Course: 2 semesters = 10 credits

An introductory course to basic principles of graphic design and digital media. Students learn to think conceptually and develop their skills of visual communication, digital drawing, imaging, and creating visual compositions utilized in advertising, publishing, interactive media, and web design. They gain knowledge about the design principles of typography, layout, photography, and illustration and the part they play in graphic design.

Course Title: **Motion Graphics P 4184**

Recommended Preparation: Introduction to Video and Audio Production

Grade Level: 10

Length of Course: 2 semesters = 10 credits

This course gives an introduction to principles of motion graphics using After Effects. Research and design for motion graphics will be covered, from concept and storyboard, through production and then to final delivery as a compressed movie. Students will create After Effects projects, using the basics of key-frame animation, multi-layered compositions, design with effects, transparency, motion typography, audio, and rendered compressed movie files. A unit devoted to Premiere/Final Cut will focus on video, including filming, capture, and editing.

Course Title: **Advanced Motion Graphics P 4189**

Recommended Preparation: Motion Graphics

Grade Level: 11, 12

Length of Course: 2 semesters = 10 credits

This course provides intermediate and advanced AfterEffects techniques, using standard and production tools for color keys, compound effects, scripting, particles and advanced tools for type animation. Students will work on production of a variety of motion graphics using After Effects, and will be incorporating source material from video and programs such as Photoshop, Illustrator and Flash. A study of contemporary motion graphics trends, projects, and practices will be included.

Course Title: **Dance Elements and Interpretation P 4330**

Recommended Preparation: None

Grade Level: 9, 10

Length of Course: 2 semesters = 10 credits

Students learn basic dance terminology and dance techniques. Focus will be on proper alignment and the elements of dance. Students will learn dances of many cultures. Students will perform for schools, the community and in competitions.

Course Title: **Dance Technologies II P 4331**

Recommended Preparation: Dance Elements and Interpretation with a grade of "C" or better

Grade Level: 10

Length of Course: 2 semesters = 10 credits

Students will study advanced beginning to intermediate principles of dance technique. Each class will include a warm-up, center, and across the floor combinations for the purpose of developing strength, flexibility, coordination and correct body alignment. Students will study the technique, vocabulary and history of various disciplines including ballet, modern, and jazz. Written exams and dance performance reviews will be required. There will be mandatory performances.

Course Title: **Dance Technologies III P 4333**

Recommended Preparation: Dance Elements and Interpretation P and Dance Technologies II P with a grade of "C" or better and Teacher Approval

Grade Level: 11, 12

Length of Course: 2 semester = 10 credits

Students will study advanced principles of ballet, modern and jazz. Each class will include a warm-up, center and across the floor combinations. Emphasis will be on execution of movement, memory, dance vocabulary, artistic expression and performance. Lectures and discussion that cover dance related topics would be included. There will be mandatory performances.

Course Title: **Beginning Orchestra P 4910**

Recommended Preparation: None

Grade Level: 9

Length of Course: 2 semesters = 10 credits

This introductory course is designed to develop or improve proper playing techniques of the orchestral instrument, develop music reading techniques, and develop an appreciation of music. The goal of the course is to prepare students for performance.

Course Title: **Intermediate Orchestra P 4915**

Recommended Preparation: Prior string study and teacher approval

Grade Level: 10

Length of Course: 2 semesters = 10 credits

This performance course is for the developing player who wishes to improve his or her technique, eventually progressing to more advanced orchestral literature. Independence as a performer is stressed through sequential technical instruction, and performance.

Course Title: **Advanced Orchestra P 4920**

Recommended Preparation: Prior string study and teacher approval

Grade Level: 11, 12

Length of Course: 2 semesters = 10 credits

This college preparatory performance course stresses independence as a performer and teamwork while exploring the full range of historical orchestral works. Technical instruction, drill, theory, sociological implications of music performance, and performance are stressed. Performance is required.

Course Title: **Theatre Performance P 4355**

Recommended Preparation: Introduction to Stagecraft Technology or teacher approval

Grade Level: 9

Length of Course: 2 semesters = 10 credits

A course designed to involve students in all phases of musical theatre production, including technical theatre, performance theatre, and music. Through formal instruction, classroom activities and projects, as well as working on actual theatrical productions, students will gain knowledge and experience in the following areas: actor training, choreography, vocal training, technical training, and the production process.

Course Title: **Theatre Performance II P 4356**

Recommended Preparation: Musical Theatre Production with a grade of "C" or better

Grade Level: 10

Length of Course: 2 semesters = 10 credits

An advanced course in which students continue to develop in many phases of musical theatre production, including actor training, choreography, vocal training, technical training, and the production process. Students will also study the history of Musical Theatre in America, from the early 20th century to the beginning of the 21st century.

Course Title: **Theatre Performance III P 4357**

Recommended Preparation: Musical Theatre Production, Musical Theatre Production II and Teacher Approval

Grade Level: 11, 12

Length of Course: 2 semesters = 10 credits

Musical Theatre Production III is an advanced course in which students continue to develop in many phases of musical theatre production, including actor training, choreography, vocal training, technical training and the production process. Students will also create a senior project that will culminate in a public performance. This course is a continuing study of the history, styles and works of the Musical Theatre genre. Students will rehearse and perform portions of musicals and other theatrical works. Students will study and perform choreography for the theatre. Students will also continue training in basic musicianship skills, including vocal training and reading music. Participation in theatrical productions at Harmony Magnet Academy is mandatory.

Course Title: **Technology Theatre P 4341**

Recommended Preparation: Introduction to Stagecraft Technology or Teacher Approval

Grade Level: 9

Length of Course: 2 semesters = 10 credits

This course will introduce many technical aspects of theatre production to participating students. Through formal instruction, designing and building models, as well as working on actual theatrical productions, students will gain both knowledge and experience in the following areas: set design and construction, theatrical sound and lighting, make-up and costumes, theatre business, and the production process.

Course Title: **Technical Theatre II P 4342**

Recommended Preparation: Theater Technology and Teacher Approval

Grade Level: 10

Length of Course: 2 semesters = 10 credits

Students will continue to gain both knowledge and experience in the areas of set design and construction, theatrical sound and lighting, make-up and costumes, theatre business and the production process. Class activities will include working with power tools, painting and other forms of construction. Technical Theatre II students can expect to be placed in leadership design teams and theatrical production teams. Participation in theatrical productions at Harmony Magnet Academy is mandatory.

**Course Title: Performing Arts Capstone P 5955**

**Recommended Preparation:** Introduction to Stagecraft Technology P, Graphic Design and Production Principles, Dance Elements and Interpretation P and Music Theory, as well as 30 units in a chosen field of study in the performing arts (Dance, Orchestra, Theatre Arts, Band, Choir, or Media Production)

**Grade Level:** 12

**Length of Course:** 2 semesters = 10 credits

The Performing Arts Capstone course is the final class in a four-year sequence designed to introduce students to the different creative arts offered at Harmony Magnet Academy. It integrates information learned in stagecraft, media production, dance, music and theatre performance. Students will research various careers in the creative arts, learn marketing and finance for the arts, and write a self-analysis essay. They will write a research report on a topic related to their chosen area of study. This project will include all aspects of the production process. It may be a senior recital, a self-directed performance art production, a business project related to their internship, an educational project directed at local elementary or middle schools, or a community-based project in partnership with local business partners.



**Additional Performing Arts Classes offered**  
**Please See Counselor**

**Course Title: Fundamentals of Guitar P I 4505**

Guitar II 4510P

Recommended Preparation: None

Grade Level: 9,10,11,12

Length of Course: 2 semesters = 10 credits

This introductory course is designed to develop or improve proper playing techniques of the guitar, develop music reading techniques, and develop and appreciation of a wide variety of music styles. The goal of the course is to prepare students for a performance.

**Course Title: Fundamentals of Guitar II P 4510**

Recommended Preparation: Fundamentals of Guitar I, or prior playing experience and permission of instructor

Grade Level: 9,10,11,12

Length of Course: 2 semesters = 10 credits

This course is for the developing guitar student who has mastered the fundamental performance skills in Fundamentals of Guitar I, and who wishes to further develop techniques to include classical, folk, rock and roll, pop, and show music performance styles. Individual and group performances are goals of this course.

**Course Title: Dance Tech IV 4334**

Recommended Preparation: Dance Elements and Interpretation P and Dance Technologies II P and  
Dance Technologies III P with a grade of "C" or better

Grade Level: 12, or by audition

Length of Course: 2 semesters = 10 credits

Students will study advanced principles of ballet, modern and jazz. Each class will include a warm-up, center and across the floor combinations. Emphasis will be on execution of movement, memory, dance vocabulary, artistic expression and performance. There will be an in-depth study of choreography, and students will take an active roll in productions. Lectures and discussions that cover dance related topics would be included. There will be mandatory performances

**Course Title: Solo and Ensemble Preparation 4928**

Recommended Preparation:

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

This course is designed for the performing arts students who are currently participating in one of the large ensembles at HMA and is looking for more rehearsal / performance opportunities. The course focuses on developing the knowledge and skills needed to prepare for auditions and skills that are used to perform in solo situations and small ensembles. This course has broad application to students specializing in music, dance, and theater.

**Course Title: Beginning Class Piano (PC# MUSC P143 A) CLM43A**

Recommended Preparation: None

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

This Dual Enrollment course is designed to develop advanced beginner skills through practical keyboard facility, music reading, knowledge of major keys and primary chords, and performance of advanced beginner piano literature.

## Career Technical Education Articulated and Dual Enrollment Courses

Many advanced CTE courses at PUSD high schools can also earn college credits at Porterville College. These courses are termed “articulated” or “dual enrollment” courses.

The following classes are current courses where PUSD students can earn these college credits. Procedures for gaining college credit should be discussed with individual course instructors as procedures vary.

### PUSD Articulated Courses with Porterville College

PUSD Course	High School	Porterville College Course #
Careers in Education Internship	GHHS	BSAD P162 Entrepreneur Mentor/Internship
Student Success Career Pathways	GHHS	INST P152 College and Career Readiness
ESA Internship	MHS	BSAD P162 Entrepreneur Mentor/Internship
Get Focused Stay Focused P	MHS	INST P152 College and Career Readiness
Internship - PAH	PHS	BSAD P162 Entrepreneur Mentor/Internship
Internship - PAB	PHS	BSAD P162 Entrepreneur Mentor/Internship
Anatomy and Physiology	PHS	ANAT P052 Introduction and Survey of Anatomy and Physiology
Student Success Career Pathways AERO	PHS	INST P152 College and Career Readiness
College and Career Readiness	PMA	INST P152 College and Career Readiness

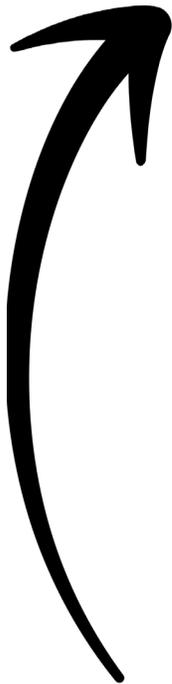
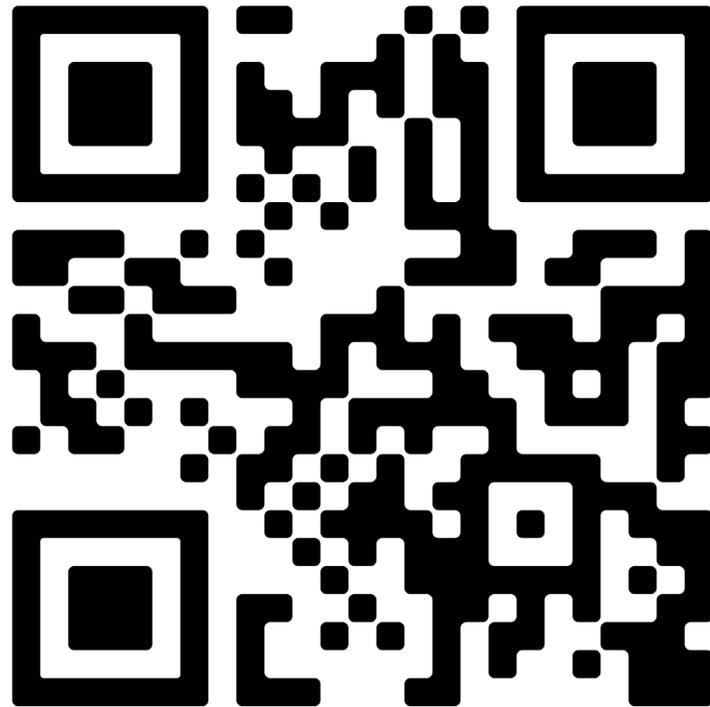
**PUSD Dual Enrollment Courses with Porterville College**

<b>PUSD Course</b>	<b>PC Course</b>	<b>High School</b>	<b>Porterville College Course #</b>
ART B26 Multimedia	Multimedia	MHS	ART B26
ART B43 Video Production	Video Production	MHS	ART B43
PC Intro to Business PAB	Intro to Business	PHS	BSAD P101
PC Biology P110	Principles of Biology	GHHS	BIOL P110
Introduction to Communication	Introduction to Communication	PHS	COMM P101
Career Path	Career Pathways	PHS	INST P152
Infant Toddler Development P	Infant/Toddler Development	Butterfield	CHDV P121
Child Growth & Development P	Child Growth and Development	Butterfield	CHDV P223
Principles of Microeconomics	Microeconomics	PHS, GHHS	ECON P101
PC English 101A	English	PHS, MHS, GHHS, PMA	ENG 101A
PC English 101B	English	PHS, MHS, GHHS	ENG 101B
US History 117	US History	PHS	HIST P117
US History 118	US History	PHS	HIST P118
Health Education	Health Education	PHS, GHHS, MHS	HLED P112
Introduction to Info Systems	Intro to Information Systems	PHS	INFS P100

**PUSD Dual Enrollment Courses with Porterville College**

<b>PUSD Course</b>	<b>PC Course</b>	<b>High School</b>	<b>Porterville College Course #</b>
Info and Communication Tech Essentials	Info and Communication Tech Essentials	GHHS	INFO P110
Data Communications & Networking	Data Communications & Networking	GHHS	INFS P220
Intro to Kinesiology	Introduction to Kinesiology	PHS, MHS	KIN P101
Precalculus I	Precalculus I	MHS, PHS	MATH P100
Precalculus II	Trigonometry	MHS, PHS	MATH P101
Music P143B Intermediate Piano	Intermediate Class Piano	HMA	MUSIC P143 B
Principles of Marketing	Principles of Marketing	PHS	MKTG P124
Music Appreciation to 1800	Music Appreciation	MHS	MUSC P111
Music Appreciation 1800 - Now	Music Appreciation	MHS	MUSC P111
Music Appreciation 1800 - Now	Music Appreciation	MHS	MUSC P112
PC American Government	American Government	PHS, GHHS	POLS P101
Spanish P101 Elementary Spanish	Spanish I	PHS	SPAN P101
Spanish P102 Elementary Spanish	Spanish II	PHS	SPAN P102
Spanish 101A Elementary Spanish	Spanish Literature I	PHS	SPAN P101A
Spanish 102A Elementary Spanish	Spanish Literature II	PHS	SPAN P102A

**For the most updated  
Course Catalog  
information click on  
QR code below**



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