



Porterville Unified School District
Creating Opportunities: Changing Lives



2020-2021

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 West Pioneer Avenue
Director: Dawn Crater
Office: 782-7057

<http://butterfield.portervilleschools.org>

CITRUS HIGH SCHOOL



261 East Mulberry Avenue
Principal: Scott Braden
Office: 782-7130

<http://citrus.portervilleschools.org>

GRANITE HILLS HIGH SCHOOL



1701 East Putnam Avenue
Principal: Apolinar Marroquin
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



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>

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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>

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**Course/Credit Requirements for High School Diploma (See Page 90 for Porterville Military Academy/
See Page 93 for Harmony Magnet Academy)**

SUBJECT	Credits Required
<p>ENGLISH English Credit: English 1, 2, 3, 4, Expository Reading and Writing P, ELD Beginning, Intermediate, Advanced (credits must be earned at 3 different grade levels). Senior Year English Electives: Beginning Journalism, Journalism, Yearbook, Speech, Creative Writing, Film As Literature P. ELD credits may not exceed 10 per year for English credit.</p>	40
<p>FINE ARTS/FOREIGN LANGUAGE/CTE COURSES 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>	10
<p>MATHEMATICS 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. Math Credit: 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. Elective Credit Only: Repeated Math class if student passed the class previously (elective credit only), Academic Enrichment.</p>	20
<p>PHYSICAL EDUCATION (PE Exemption information on page 10) Required for all 9th grade students. One additional P.E. course is required between grades 10-12. Count as P.E. for 9th Grade: 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. Count as P.E. Credit for 10th and Above: Cadets, Athletic Conditioning, Basketball, Tennis, Combatives, Dance (if it is not used for Fine Art), Band Auxiliary</p>	20
<p>SCIENCE Biology/Life Science and Earth & 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>	30
<p>SOCIAL SCIENCE World History U.S. History Civics Economics</p>	10 10 5 5
<p>HEALTH Health 1, Introduction to Medical Integrated Science or Global Health.</p>	5
<p>ELECTIVES Computer Literacy: Option of 5 credits of computer courses (See Business Department section for appropriate courses to meet competency) or pass Computer Challenge Exam.</p>	105
<p>TOTAL CREDITS REQUIRED FOR GRADUATION</p>	260

NOTE: A student shall receive a diploma from the school where he/she 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

INGLES	40
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.)	
ARTES FINAS/LENGUA EXTRANJERA	10
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.	
MATEMÁTICAS	20
Matemática Integrada además 10 unidades de matemática de alto nivel es requerido. Estudiantes inscritos en la clase de Destrezas de Matemática integrada en el noveno grado pueden acumular 5 créditos electivos el primer semestre y 5 créditos de matemática en el segundo semestre. Matemática integrada durante el 8vo grado requieren 20 créditos de matemáticas a nivel de escuela preparatoria. Crédito de matemáticas: Matemática Integrada hasta el cálculo. Los estudiantes que no tengan los créditos para graduarse pueden tomar matemática del consumidor que satisfará el requisito de matemática. 10 de los 20 créditos requeridos deben de ser en matemática integrada. Crédito electivo únicamente: clases de matemáticas repetidas si el estudiante pasa la clases previamente (crédito electivo únicamente).	
EDUCACIÓN FÍSICA	20
Necesarios 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.)	
CIENCIA	30
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 Educacion 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).	
CIENCIAS SOCIALES	30
Historia Mundial Historia de los Estados Unidos Educación Cívica Economía	
SALUD	5
Salud 1	
Electivos	105
Informática: Opción de 5 creditos en la clase de Computacion (véase sección del Departamento de negocios para los cursos apropiados que satisfacen esta competencia) o pasar examen de reto de Computacion.	
TOTAL DE CREDITOS REQUERIDOS PARA GRADUARSE	260
Nota: Un estudiante recibirá un diploma de la PREPARATORIA donde completa los requisitos para la graduación.	
CURSOS DEL COLEGIO COMUNITARIO	
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 appointment
- Attend Porterville College financial aid workshop in the fall (FAFSA application opens October 1st)
- Attend on-campus presentations
- Use reference materials
- www.collegeboard.org
- www2.calstate.edu/apply
- www.californiacolleges.edu

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) **SAT:** Subject Tests

CALIFORNIA STATE UNIVERSITIES, UNIVERSITY OF CALIFORNIA:

The **University of California** requires the student to take the **ACT** or **SAT Reasoning** test with essay and highly recommends two **SAT Subject** tests (depending on major).

The **California State Universities** accept either the SAT Reasoning or ACT as the college entrance examination. Some private colleges and universities require the ACT. See specific school of interest for testing requirements.

Students are recommended to take the SAT at the end of their junior year and also in the fall of their senior year if they wish. Please see www.collegeboard.org or www.act.org to check site and date availability. Students from any campus may access these testing sites.

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.

Planificación para la universidad

CÓMO OBTENER MAS INFORMACIÓN:

- Hable con el personal de consejería
- Asista a las presentaciones en la escuela
- www.collegeboard.org
- Escriba o llame para recibir materiales de información o folletos
- Uso de materiales de referencia
- www.californiacolleges.edu
- Asista a las presentaciones del colegio acerca de la ayuda financiera www2.calstate.edu/apply

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 o 11^o 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.

PLAN: Se recomienda el PLAN en el grado 10^o como una preparación para el examen ACT y se da en noviembre, En Strathmore y Harmony.

ACT: Examen Americano del Colegio **SAT:** Examen de Razonamiento (Scholastic Assessment Test) : **SAT:** Exámenes de Materias Especificas

UNIVERSIDADES DEL ESTADO DE CALIFORNIA, Universidad de California:

La Universidad de California requiere que el estudiante tome el examen ACT o SAT de Razonamiento y se le recomienda encarecidamente dos exámenes de materias SAT.

Las **Universidades Estatales de California** aceptan el Examen de Razonamiento-SAT o ACT como el examen de ingreso.

Algunos colegios y universidades privadas requieren el ACT. Vea que escuelas especifican de interés para los requisitos de pruebas.

Se recomienda que los estudiantes tomen el SAT en el final de su tercer año de preparatoria (11), y también en el otoño de su último años (12) si así lo desean. Por favor, consulte www.collegeboard.org o www.act.org que les da el sitio y la fecha disponible para los estudiantes; y dan información desde cualquier campus pueden acceder a estos sitios de prueba.

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: (www.universityofcalifornia.edu/admissions)

California State Universities: (www2.calstate.edu/apply)

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, at least seven of the fifteen required classes must be taken during the junior and senior years.

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. Laboratory 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 ___ / ___

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 grade point average and SAT or ACT scores are also determining factors in your qualifying for admission to a college or university. The SAT Reasoning (with essay) or ACT should be taken no later than the fall semester of the senior year. *The SAT Subject Exam, Math II and a Science is highly recommended by the U.C. system and should be taken before December of the senior year.

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)

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) website.

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

Plantel de la Universidad de California: (www.universityofcalifornia.edu/admissions)

Universidades del Estado de California: (www.csumentor.edu)

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 de Laboratorio (2 años requeridos, 3 recomendados)

Biología ___ / ___ Química ___ / ___ Física ___ / ___ Fisiología ___ / ___ 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)

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

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 printout.
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. 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®, IB, 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. Also remember:

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 to be recognized as CSF Seal Bearers.
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.

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.

*District will revisit the Valedictorian Requirements once CAASPP Scale Scores and Golden State Seal Merit criteria has been determined and approved by California Department of Education.

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 spring. An AP® examination costs approximately \$94. Financial aid and scholarships 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.

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 course in course sequences where an AP® test and course are offered. Students and parents should consult with 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.

Dual Enrollment

Some Porterville College dual courses, offered on campus, may receive a weighted grade. See your counselor for more information.

STATE SEAL OF BI-LITERACY

(Amended by Assembly Bill 1142 November 7, 2017; effective January 1, 2018)

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.
 - d) Pass the Scholastic Assessment Test II (SAT-II) Foreign Language Exam with a score of 600 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 of his/her 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 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.

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
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 includes specifically designed academic instruction in English.

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 redesignation 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)

The District does not discriminate against any person the basis of gender, race, color, religion, national origin, ethnic group, actual or perceived sexual orientation, marital or parental status, physical or mental disability. The District will take steps to assure that the lack of English will not be a barrier to admission or participation in District programs. Complaints alleging noncompliance with this policy of nondiscrimination should be directed to Dr. Julissa Leyva. A copy of the District's Uniform Complaint Policy is available at 559.793.2453.



Key for school codes

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

C = Citrus High School
M = Monache High School

G = Granite Hills 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" Lab 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.

Course Title: **Advanced Agriculture** **5575** **G**
Recommended Preparation: Agriculture Earth & Space Science or Agriculture Biology
Grade Level: 10, 11, 12
Length of Course: 2 semesters = 10 credits

This class is designed to build upon what was taught in Agriculture Earth & Space Science. The class will prepare the student to enter Agricultural Biology, Veterinary Science, Small Animal Care and Management, and Plant Science. Emphasis will be placed on developing leadership skills and class projects as well as on furthering the development of SOEP and the Future Farmers of America skills and activities.

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 write – 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: **Agriculture Science** **5550**

G

Recommended Preparation: None

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

This is an introductory class to the agriculture industry in California. The course is science and vocational in nature, the student learns by hands on assignments. The units to be taught include: California Agriculture, Future Farmers of America, Animal Science, Plant Science, Computer Record Books, Leadership Skills, Employability, and Careers.

Course Title: **Ornamental Horticulture/Plant Science 5875** **G M S P**
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 Management G (Perkins ONLY) 5930 P (Non-Perkins) 5931** **G**
Recommended Preparation: None
Grade Level: 11, 12
Length of Course: 2 semesters = 10 credits

Floral Management is a course offered to students interested in the further studies of specific areas of ornamental horticulture. The two specific areas that will be covered will include floriculture and floristry. Floral Management will also offer activities that will include cultural aspects of propagation, growing and marketing of different flower crops. Included will be the designing of fresh flower arrangements for seasonal, special occasions, and holidays. Floral shop operations and floral wire service will be offered within the course. The areas covered will cross over as needed skills in other areas of ornamental horticulture, such as nursery and landscape operations. After successful completion of this course, students will develop minimum entry skill for employment proficiency. Meets the Fine Arts/Foreign Language/CTE 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: **Small Animal Care and Management** **6225** **G**
Recommended Preparation: Ag. Biology P or Teacher Approval
Grade Level: 10, 11, 12
Length of Course: 2 semesters = 10 credits

Small Animal Management is designed to expose the student to the vast world of small animals—either to be raised as pets or for laboratory use. A hands-on class, students will learn about both warm and cold-blooded animals, their systems, habitats, and handling techniques. Meets the Fine Arts/Foreign Language/CTE or Life Science course requirement for graduation.

Course Title: **Greenhouse Management** **(Perkins ONLY) 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: **Independent Agriculture** **6300** **G P S**
Recommended Preparation: Ag. Earth & Space Science, Advanced Agriculture, Agriculture Biology P,
Ag Mechanics or Floral Design (one or more of these courses)
Grade Level: 10, 11, 12
Length of Course: 2 semesters = 10 credits

Students must maintain an updated Farm Record Book on their ongoing projects, to be graded quarterly. The students must actively participate in FFA activities throughout the year—a minimum of 300 FFA points per semester must be earned through these activities. The student must meet with their Ag instructor once per week, during lunch or after school, in order to discuss activities and their projects.

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**
Recommended Preparation: Teacher Approval
Grade Level: 11, 12
Length of Course: 2 semesters = 10 credits

G M P S

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

Course Title: **Agriculture Sales/Crop Science 6000**
Recommended Preparation: Agricultural Biology P or Teacher Approval
Grade Level: 11
Length of Course: 2 semesters = 10 credits

P

Agricultural Sales—A survey of job opportunities and skills needed in agricultural sales and service jobs. How to sell, telephone skills, job interviews and marketing is taught. Computerized “Power Point” slide presentations will be taught. Crop Science—How to grow common field crops produced in Tulare County. Field trips, speakers, and student projects are part of the course content. F.F.A. participation, project books and home projects are part of the grading process. Meets the Fine Arts/Foreign Language/CTE course requirement for graduation.

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

G P

Computers in Agriculture is a one-year 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**
Recommended Preparation: Agriculture Earth & Space Science
Grade Level: 10 (with instructor permission), 11, 12
Length of Course: 2 semesters = 10 credits

P

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**
Recommended Preparation: Agricultural Biology P
Grade Level: 11, 12
Length of Course: 2 semesters = 10 credits

G M S

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.

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

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 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 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

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

G H M S

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

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

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 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

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** **G 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, 2
Grade Level: 9, 10, 11, 12
Length of Course: 2 semesters = 10 credits

This course is for the student who has very limited ability to use English. General skills for development in English are stressed.

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 has some, but still only limited, ability to use 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, 5
Grade Level: 9, 10, 11, 12
Length of Course: 2 semesters = 10 credits

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: **Journalism** **9400 (9-11)** **9401 (12)** **C 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**

G 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)**

A G H S

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**

M 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 H M P S

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 H M P S

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 H M P S

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**

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 M P

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 M P

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)** **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 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 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 H

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.

Course Title: **French 3P 3750**

H

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

Grade Level: 11, 12

Length of Course: 2 semesters = 10 credits

This course is a continuation of French 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: **French 4P/AP® Language & Culture 3775**

H

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

Grade Level: 12

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

This course will prepare the students to take the Advanced Placement Exam in the French 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.**

HEALTH AND HEALTH OCCUPATIONS

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

A 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

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 G 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.

Course Title: **Nurse Assistant P (Perkins ONLY) 3476**
Recommended Preparation: PPD Skin Test, Physical Exam, Current Vaccinations, Background Criminal Screening. Health Academy Student. Must have a "B" grade average in first semester to be recommended for second semester clinical portion. Must complete the required hours of instruction as approved by CDPH.
Grade Level: 11, 12 (Seniors have priority)
Length of Course: 2 semesters (2 periods) = 20 credits (after school hours)

G M P S

AFTERSCHOOL PROGRAM District Wide

1. Must be committed to 3 hours after school M-F (excluding school holidays) Theory
2. Must be a in the 11th or 12th grade (for employment purposes, should be 18 or nearing your 18th birthday upon completing of the class).
3. Must have a VALID SOCIAL SECURITY NUMBER (required to register with CDPH and to obtain a background clearance)
4. Must submit to a DOJ background and be criminally cleared (Fingerprinting)
5. Must receive recommendation from Instructor of record to move to the Clinical portion of the training
6. Clinical Training will include evenings (4 hours) and Saturday mornings (8 hours)
7. Must have a government California issued ID or DL to take State Boards.
8. Must attend an Orientation/Informational meeting for additional 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

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: **Cross-Age Tutoring 9025**
Recommended Preparation: Teacher Approval, same requirements as Student Assistant page 11
Grade Level: 11, 12
Length of Course: 2 semesters = 10 credits

A C G M P

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: **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 M

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**

M

Recommended Preparation: Life Skills or Teacher Recommendation

Grade Level: 11, 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.

Course Title: **Advanced Foods 7725**

M

Recommended Preparation: None

Grade Level: 10, 11, 12

Length of Course: 2 semesters = 10 credits

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.

Course Title: **Independent Living 7625**

G M P S

Recommended Preparation: None

Grade Level: 12

Length of Course: 2 semesters = 10 credits

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.

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 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 1P A/B**
2940 Fall IM1-A (Elective credit); 2935 Spring IM1-A (Math credit)
2950 Fall IM1-B (Elective credit); 2955 Spring IM1-B (Math credit)
Recommended Preparation: 8th Grade Mathematics
Grade Level: 9, 10, 11
Length of Course: 4 semesters = 10 credits in math & 10 credits in electives

G M

Integrated Math 1P A/B is a two-year Integrated Math I sequence where students will complete Integrated Math IP-A in year one and integrated Math I-B in year two. This two year long course satisfies the California common core standards for Integrated Math I focusing on algebraic expressions, linear functions, and solving equations and inequalities, and geometric congruence proofs and construction methods. In addition, students will be provided the opportunity to strengthen basic arithmetic and algebraic skills needed for success in math.

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

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**

A G H M P S

Recommended Preparation: Integrated Math 2P or Teacher Recommendation

Grade Level: 10, 11, 12

Length of Course: 2 semesters = 10 credits

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: **Math P101 Trigonometry (PC #MATH P101) CLM101**

M

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: **Math P102 Pre-Calculus Functions/Graphs (PC #MATH P102) CLM102**

M

Recommended Preparation: Successful completion of Math P101 Trigonometry or high school Pre-Calculus with grade of C or higher both semesters

Grade Level: 11, 12

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

This course is a rigorous preparation for a 3-semester calculus sequence. Main topics include the following: functions and their graphs--logarithmic, exponential, radial, absolute value, linear, polynomial, and trigonometric--as well as analytic geometry and polar coordinates. CSU/UC transferable

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

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

G M

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.

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: **Statistics P/AP® 0047**

M P

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

Grade Level: 10, 11, 12

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

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. Students who successfully complete the course and exam may receive credit, advanced placement, or both for a one-semester introductory college statistics course. **Students are expected to take the AP® Statistics Exam to receive weighted credit. Refer to page 9 for weighted scale.**

PHYSICAL EDUCATION

Course Title: **Physical Education 1 5025**

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 M 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

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

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 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

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**

G H 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**

G H M 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: **P.E. Athletic Weight Conditioning 5300**

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

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**

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 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: **Band Auxiliary 5175**

G M P

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

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.

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.

Course Title: **Biology P/AP® 3100**

G M S H

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 M P

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

Grade Level: 11, 12

Length of Course: 1 semesters = 5 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 M P S

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: **Introduction to Chemical Principals P106 (PC #CHEM P106) CLCH06**

H P S

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

Grade Level: 11, 12

Length of Course: 1 semesters = 10 credits (2 periods) (Weighted grade if student earns a "C" or better) (PC=4 Units)

Total lecture 54 hours, laboratory 54 hours. Emphasis on concepts and principles of chemistry: measurement, chemical formulas and equations, stoichiometry, energy, chemical reactions, atomic structure, bonding, molecular geometry, and properties of solids, liquids, and gases.

Course Title: **General Chemistry 1 (PC #CHEM P101A) CLCH1A**

P

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

Grade Level: 11, 12

Length of Course: 1 semesters = 10 credits (2 periods) (Weighted grade if student earns a "C" or better) (PC=4 Units)

Total lecture hours 54, total laboratory hours 108. Stresses the concepts and principles of chemistry. Chemical formulas and equations, thermo-chemistry, behavior of gases, electronic structures of atoms, chemical bonding, and physical properties.

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

G H

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 H**
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.

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.

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: 2 semesters = 10 credits (Weighted grade)

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

A G M P S

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

C

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)

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: **Economics P 1425**
Recommended Preparation: None
Grade Level: 12
Length of Course: 1 semester = 5 credits

G H M P S

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: **Civics P 1325**
Recommended Preparation: None
Grade Level: 12
Length of Course: 1 semester = 5 credits

G H M P S

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 #POLS P101) CLP001**
Recommended Preparation: None
Grade Level: 12
Length of Course: 1 semester = 5 credits

G P

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**
Recommended Preparation: Teacher Approval
Grade Level: 12
Length of Course: 1 semester = 5 credits (Weighted grade)

G H M S

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 and 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 psychologists use in their science and practice. **Students are expected to take the AP® exam in order to receive the weighted grade. Refer to page 9 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 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 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**

G M P S

Recommended Preparation: None

Grade Level: 9, 10, 11, 12

Length of Course: 1 semester = 5 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,

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: "C" grade or better in Exploring Applied Technology each quarter

Grade Level: 9, 10, 11, 12

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 automotive engine works. Course will show how sciences, mathematics, etc., 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: 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 be introduced to hands-on work experience. Students will also 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: Auto Technology 1 & Auto Technology 2 or Teacher approval
Grade Level: 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 repair 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: **Mill Cabinetry 8626** **M**
Recommended Preparation: Teacher approval and 16 years of age
Grade Level: 10, 11, 12
Length of Course: 2 semesters, 2 periods = 20 credits

This is a vocational course with practical experience in cabinet making and mill-work. Skills are applied by working on the cabinetry for the building trades project house. Mass production of items is covered. Outside cabinet projects are also constructed. No student projects are constructed. Punctuality and good attendance are required. **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** **G 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** **G 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** **G 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** **G 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: **Computer Aided Drafting and Design (CADD) 8825** **G**
Recommended Preparation: Architectural Design P/ Engineering Design/ or Teacher approval
Grade Level: 11, 12
Length of Course: 2 semesters, 2 periods = 20 credits

This course will include information and drafting practices pertaining to drafting as a profession. The first semester is classroom training. The second semester the students may receive training in a drafting related job in a community classroom. **Meets the Fine Arts/Foreign Language/CTE course requirement for graduation.**

Course Title: **Applied Automotive Engineering and Design 8301** **P**
Recommended Preparation: Teacher approval
Grade Level: 11, 12
Length of Course: 2 semesters, 2 periods = 20 credits **(Meets after school for 2 periods)**

This course provides students with classroom and laboratory experience in learning and applying academic and vocational skills from high school classes to the industry of automobile racing. Students will be able to experience stock car racing and the racing industry in a real-world scenario. **Meets the Fine Arts/Foreign Language/CTE course requirement for graduation. Class meets after school.**

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.**

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.**

VISUAL AND PERFORMING ARTS

ART

(All classes meet High School Fine Arts requirement)

Course Title: **Art 1 4000** **C G**
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: **Art 2P 4025** **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**
Recommended Preparation: Art 1 or Photography or Foundations in Visual Arts P
Grade Level: 10, 11, 12
Length of Course: 2 semesters = 10 credits

G P S

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

G M P

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**
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

G P

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**
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

M P S

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

P

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: **Computer Graphics 4160**
Recommended Preparation: Teacher recommendation
Grade Level: 10, 11, 12
Length of Course: 2 semesters = 10 credits

G

Computer Graphics course will introduce students to the field of digital photography, digital photo retouching and manipulation, digital video editing, presentation technologies, digital and traditional graphic art, logo design, web page and web site creation and management, and animation.

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: **Foundations in Visual Arts P 4430**

A 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.

Course Title: **Commercial Art 4200**

P

Recommended Preparation: Art 1 or teacher recommendation

Grade Level: 10, 11, 12

Length of Course: 1 semesters = 5 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: **Foundations in Visual Art and Design P 4431**

G P

Recommended Preparation: None

Grade Level: 10, 11, 12

Length of Course: 2 semesters = 10 credits

Foundations in Visual Arts is a unique, year-long course that teaches fine arts techniques and design principles. Students learn art techniques as well as 21st century skills through projects to design and create media products using project-based assignments, portfolio development, and journal reflections. This course meets the UC "F" Fine Art requirement.

Course Title: **Yearbook: Digital Media Design P 9427**

M P

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

This course is 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 will follow the 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.

DRAMA

(All classes meet High School Fine Arts requirement)

Course Title: **Play Production P 4425**

P

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**

M 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**

G 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.

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

G M P S

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

G M P S

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**
Recommended Preparation: Prior instruction in instrument concerned and instructor approval
Grade Level: 9, 10, 11, 12
Length of Course: 2 semesters = 10 credits

G H M P S

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)

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** **G**
Recommended Preparation: None
Grade Level: 9, 10, 11, 12
Length of Course: 2 semesters = 10 credits

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** **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** **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** **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.

Course Title: **Student Council 9150** **G P 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 H M**
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: **Link Crew 7201**
Recommended Preparation: Election or appointment
Grade Level: 9, 10, 11, 12
Length of Course: 2 semesters = 10 credits

M

Link Crew is a high school orientation and transition program that increases freshman success. Members of the sophomore, junior and senior class are trained to be Link Crew Leaders who act as positive role models, motivators, student mentors and teachers that help guide the freshmen to discover what it takes to be successful during their high school transition. As freshman success increases, the benefits to the school climate and culture become apparent; Link Crew schools report having greater student connection, increased extracurricular participation, fewer discipline issues and improved academic performance. Link Crew schools (and us here at Monache High School) value the service-learning and character development achieved through this proven high school orientation program.

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

A 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**

M 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: **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**

G H M P S

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: **G.I.V.E. (Growing in Vocational Experience) 9050** **G M P**
Class offered at Porterville Developmental Center
Recommended Preparation: Counselor approval. Must meet same requirements for Student Assistant course #9000.
Grade Level: 11, 12
Length of Course: 2 semesters, 2 periods = 20 credits (No letter grade - Pass/Fail credit only)

G.I.V.E. combines education, career information and an opportunity to work with a professional in the medical/mental health field at Porterville Developmental Center. The student may request assignment in such areas as, physical therapy, occupational therapy, nutrition, nursing, psychiatric technology, social work, recreation therapy, teaching, music therapy, medical records. The students are at the Center two periods a day, five days a week; transportation provided.

Course Title: **Directed Course Work 9475** **A G H M P S**
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** **G 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** **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 S**
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 **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/Math Enrichment (2)
9313 - English/Math Enrichment (1)

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** **G H M P S**

Recommended Preparation: None

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

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 7515**

G H M P S

Recommended Preparation: None

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

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**

G H M P S

Recommended Preparation: None

Grade Level: 9, 10, 11, 12

Length of Course: 1 semesters = 5 credits

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**

G H M P S

Recommended Preparation: None

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

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: **Health Education P112 (PC# HLED P112) CLHL12**

G M P

Recommended Preparation: None.

Grade Level: 11, 12

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.

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: Success Community School

Prerequisite: Placement is made by Court and Probation referrals

Grade Level: 9, 10, 11, 12

Location: Vine Community Day School

Prerequisite: Placement is by expulsion

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

GRANITE HILLS HIGH SCHOOL



Computer Operations & Development Education (CODE)

Course Name	Course #	Level
Essentials of Computer Science	4162	Introductory
Computer Science Principals P	4167	Concentrator
Computer Science A P	4168	Concentrator
AOIT Computer Networking	TBD	Capstone

Course Title: **Essentials of Computer Science** **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: **Computer Science Principles P** **4167**
Recommended Preparation:
Grade Level: 10
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 A P** **4168**
Recommended Preparation:
Grade Level: 11
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: **AOIT Computer Networking (NAF)**

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

Grade Level: 12

Length of Course: 2 semester = 10 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: **Cybersecurity** **6885**

Recommended Preparation:

Grade Level: 12

Length of Course: 2 semester = 10 credits

Students explore the tools and concepts of Cybersecurity and create solutions that allow people to share computing resources while protecting privacy.

Course Title: **Graphic Design P** **4666**

Recommended Preparation:

Grade Level:

Length of Course: 2 semesters = 10 credits

Graphic Design provides a hands-on introduction in the technical and creative skills of a professional graphic designer. Students learn the distinguishing features of communicating visually through graphic design, and gain technical skills in Adobe Photoshop to equip them for graphic design work. Students master the basic principles of graphic design, and then delve into the elements of graphic design, such as color, typography, and images. Students will acquire knowledge and skills in graphic development and manipulation, basic video and desktop multimedia production, project planning, animation and critical analysis of multimedia work. Students will learn to create multimedia stories, messages and imagery using film, text, visual effects graphics animation, sound and special effects.

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

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

Grade Level: 10

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 P/AP®** **6884**

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

Grade Level: 11

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.

GRANITE HILLS HIGH SCHOOL



Academy of Careers of Education (ACE)

Course Name	Course #	Level
Career Exploration in Education	9104	Introductory
Career Pathways in Education 1	9105	Concentrator
Career Pathways in Education 2	9106	Concentrator
Careers in Education Internship P ACE	7580	Capstone

Course Title: **Career Exploration in Education** **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. (This class is articulated with Porterville College; may be eligible for college credit.)

Course Title: **Career Pathways in Education 1** **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 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 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.



GRANITE HILLS HIGH SCHOOL



Academy of Law, Justice and Ethics (LJE)

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

Public Services-Legal Practices		
Course Name	Course #	Level
Intro to Law & Justice	4451	Introductory
Foundations in Law P	4450	Concentrator
Mock Trial 1	9241	Concentrator
Mock Trial 2	9242	Capstone

Public Services-Public Safety		
Course Name	Course #	Level
Intro to Law & Justice	4451	Introductory
History of Public Safety P	4456	Concentrator
Crime Scene Investigation P	4455	Concentrator
Law, Justice, Ethics Capstone P	4457	Capstone

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 Ethics** 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 in Law P** 4452

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.

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: **History of Public Safety P** 4456

Recommended Preparation:

Grade Level: 10

Length of Course: 2 semester = 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: **Crime Scene Investigation P 4455**

Recommended Preparation: Intro to Law & Foundations in Criminal Justice

Grade Level: 11

Length of Course: 2 semester = 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 semester = 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 upon 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 representing different professional applications from public safety, emergency response, disaster preparedness, PSA games, multimedia presentations, and asset and financial responsibility. This course culminates with a graduation portfolio and its presentation 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 involve 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.

MONACHE HIGH SCHOOL



Academy of Environmental Science (ESA)

Course Name	Course #	Level
ESA I: Intro to Environmental Science	9232	Introductory
ESA II: California Natural Resources	9236	Concentrator
ESA III: Alternative Energy Resources	9240	Concentrator
ESA Internship	5421	Capstone

Course Title: **Environmental Science 1 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 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.)



MONACHE HIGH SCHOOL



Academy of Hospitality (AH)

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

Culinary Arts		
Course Name	Course #	Level
Principles of Hospitality & Tourism	5429	Introductory
Culinary Arts 1	7100	Concentrator
Culinary Arts 2	7101	Concentrator
Commercial Foods	7751	Capstone

Hospitality, Tourism, & Recreation		
Course Name	Course #	Level
Principles of Hospitality & Tourism	5429	Introductory
Hospitality 1	5430	Concentrator
Hospitality 2	5431	Concentrator
Hospitality Management	TBD	Capstone

Course Title: **Freshman Seminar** **9229**
 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: 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: 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.

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 Management (TBD)

Recommended Preparation:

Grade Level: 12

Length of Course: 2 semesters = 10 credits

In this course, students will apply 21st Century skills (Critical Thinking, Collaboration, Communication, Creative Thinking) as they dive deeper into the duties and responsibilities of management positions found throughout the hospitality industry. They will learn to manage departments according to the expectations of the “Production Team” or Production Handbook, and will create customer-based solutions to real-world scenarios found in various branches of the Hospitality and Tourism Industry from Airlines to Bed and Breakfast establishments.



MONACHE HIGH SCHOOL



Academy of Multimedia and Technology (MTA)

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

Graphic Design		
Course Name	Course #	Level
Careers in Multimedia	6870	
Graphic Design 1	6872	Introductory
Graphic Design 2	6873	Concentrator
MTA Capstone	4188	Capstone

Video Production		
Course Name	Course #	Level
Video Production 1	4195	Introductory
Video Production 2	4196	Concentrator
Advanced Media Broadcasting	4194	Capstone
Advanced Film Production	6871	Capstone

Course Title: Careers in Multimedia 6870

Recommended Preparation:

Grade Level: 9

Length of Course: 2 semesters = 10 credits

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 this 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 students 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 assessments, multimedia projects, job simulations, speeches, research assignments, online 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 1 6872

Recommended Preparation:

Grade Level: 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 2 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: Multimedia and Technology Capstone 4188

Recommended Preparation:

Grade Level:

Length of Course: 2 semesters = 10 credits

The Multimedia and Technology capstone course is the final course in a four-year sequence designed to develop the students into digital storytellers and introduce students to the different multimedia and technology programs to prepare the students for a career in the field of Arts, Media, and Entertainment. Integrating concepts learned in graphic design, video production, web design, and game design, as well as in animation, art, and photography, students will create multimedia projects focusing on the Career and Technical Education standards for the Arts, Media, and Entertainment field. All materials will be placed in a professional portfolio and presented to industry professionals, as well as showcased during a senior exhibition that students have created themselves.

Course Title: Video Productions 1 4195

Recommended Preparation:

Grade Level: 9

Length of Course: 2 semesters = 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 graded 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: Video Productions 2 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 Film Production 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: Advanced Media Broadcasting 4194

Recommended Preparation: Video Production 1

Grade Level: 11, 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.

MONACHE HIGH SCHOOL



Students must choose one track and remain on that track from 10th-12th grade
Manufacturing Construction Technology Academy (MCTA)

Construction Sequence		
Course Name	Course #	Level
Exploring Manufacturing Technology	8650	Introductory
Intro to Manufacturing-Drafting/CAD and Construction	8652	Introductory
Manufacturing-Construction	8656	Concentrator
Construction II	8654	Capstone

Metals Sequence		
Course Name	Course #	Level
Exploring Manufacturing Technology	8650	Introductory
Intro to Manufacturing-Woods & Metals	8653	Introductory
Manufacturing-Metal & Fabrication	8657	Concentration
Product Design and Manufacturing-Metals	7110	Capstone

Drafting/CAD Sequence		
Course Name	Course #	Level
Exploring Manufacturing Technology	8650	Introductory
Intro to Manufacturing-Drafting/CAD and Construction	8652	Introductory
Manufacturing 2D/3D Modeling & Design	8651	Concentration
TBD	TBD	Capstone

Woods Sequence		
Course Name	Course #	Level
Exploring Manufacturing Technology	8650	Introductory
Intro to Manufacturing-Drafting/CAD and Construction	8652	Introductory
Manufacturing Cabinetry	8651	Concentration
Production Design and Manufacturing Woods	7110	Capstone

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 MCT A 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 and 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: **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 MCTA 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 in this course will relate to the 12th grade Integrated Project. Involvement in Skills USA is encouraged. Do to safety, space, available lab equipment and tools, this class is limited to 20 students maximum.

Course Title: **Introduction to Manufacturing - Woods and Metals** **8653**
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 - Woods and Metals MCTA is one of two classes required for all 10th grade MCTA students. This is the second class in the woods and metals 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 woodworking and metalworking 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 - 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: **Product Design and Manufacturing** **7110**
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, machining, cutting, molding, cabinetry, forming, fabrication and construction.

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 MCT A 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: **Manufacturing - Cabinetry 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 Cabinetry is an 11th grade choice for all MCTA students. This is the third class in the woods sequence of courses. This class emphasizes the development of skills directly related to the 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 of this course is the design and construction of all cabinetry related in the building of the Pathway House project. This will include the 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.



PORTERVILLE HIGH SCHOOL



Alternative Energy Resource Occupations (AERO)

Course Name	Course #	Level
Intro to Renewable Energy/Career Pathways	6510/CLIN52	Introductory
Green Technology	6512	
Engineering Technology	6513	
Building Remodeling & Repair	8575	Concentrator/Capstone

Course Title: **Introduction to Renewable Energy** **6510**
 Recommended Preparation: AERO Student
 Grade Level: 9
 Length of Course: 1 semesters = 5 credits

Energy provides a political, economic and technical framework for the study of scientific concepts and methodology. Energy utilization is dependent on development of advanced technical skills: engineering research and design, electrical power production, transmission and utilization, manufacturing, transportation modeling, and urban planning and design among others. Students will be introduced to and study Energy, Fossil Fuels and Climate, Home Energy Use, Building Energy Efficiency, Solar Energy, Wind Energy, Transportation, Biomass and Biofuels, Geothermal Energy, and Hydro-power.

Course Title: **Student Success Career Pathways (PC# INST P152)** **CLIN52**
 Recommended Preparation: AERO Student
 Grade Level: 9
 Length of Course: 1 semesters = 5 credits

This course is designed to provide students with an interactive, experiential program that teaches a process for making not only career choices but life choices as well. It ignites the intrinsic motivation required to succeed in both post-secondary studies and in the workforce. Students will gather the information and develop the skills to write a comprehensive and meaningful 10-year plan personalized to their unique goals, personality, and mission in life.

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 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 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.



PORTERVILLE HIGH SCHOOL



Academy of Finance (PAB)

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

Course Name	Course #	Level
Principles of Finance/Career Pathways	6703/CLIN5P	
Financial Planning & Services	6707	Concentrator
Computer Accounting	6725	Concentrator
Intro to Business (PC #BSAD P101) Fall Semester Principles of Marketing (PC # MKTG 124) Spring Semester OR Entrepreneurship	CLBS01 CLMK24 6704	Capstone

*Additional Capstone classes students can take are:

Course Name	Course #	Level
Banking & Financial Services	TBD	Capstone
Retail Sales	6851	Capstone

Course Title: **Principles of Finance** **6703**
 Recommended Preparation: For Partnership Academy in Business Students
 Grade Level: 9
 Length of Course: 1 semester = 5 credits

Principles of Finance gives students a thorough introduction to the concepts, tools, and institutions of finance. Students learn the basics of financial literacy and the function of finance in society. Students also study income and wealth, including budgeting, personal banking, credit and borrowing, planning for retirement, as well as examine financial institutions and the role of finance in organizations.

Course Title: **Student Success Career Pathways (PC# INST P152)** **CLIN5P**
 Recommended Preparation: PAB Student
 Grade Level: 9
 Length of Course: 1 semesters = 5 credits

This course is designed to provide students with an interactive, experiential program that teaches a process for making not only career choices but life choices as well. It ignites the intrinsic motivation required to succeed in both post-secondary studies and in the workforce. Students will gather the information and develop the skills to write a comprehensive and meaningful 10-year plan personalized to their unique goals, personality, and mission in life.

Course Title: **Financial Planning & Services 6707**
Recommended Preparation: Pathway Specific
Grade Level: 10
Length of Course: 1 semester = 5 credits

Financial Planning provides students with an overview of the job of a financial planner. Students look at financial planning in an objective way that requires them to regard all aspects of financial planning as relevant to a potential client (even if a particular aspect may not yet be relevant to students). Financial Planning introduces students to the job of a financial planner. It discusses financial planning and its importance in helping people reach their life goals. It describes how to set personal financial goals and a budget, and explains the factors that shape these goals. It also discusses the ethics of financial planners, time-and-money relationships, and tax reduction strategies. The course concentrates on saving, borrowing, credit, and all types of insurances. It discusses various types of investments, including income and growth investments, such as passbook savings, money market accounts, stocks, bonds, mutual funds, and real estate. The course also discusses retirement and estate planning. Finally, students get a chance to examine careers in financial planning. Financial Services provides students with an overview of banks and other financial services companies. It is one of the core courses offered by the Academy of Finance. Financial Services introduces students to the complex world of financial services companies. It begins with an introduction of the origins of money and of banking, and explores the early history of banking in the U.S. Students then move into an in-depth study of the financial services industry and explore the types of companies that make up this industry. Students learn about the services offered by such companies, and analyze the ways these companies earn profits. This course also introduces students to the main concepts behind investing and discriminates among different ways to invest money. Students examine contemporary issues including the level of personal saving in the U.S.; ethics in the financial services industry; and the industry's effect on communities and families. Finally, students get a chance to consider the types of careers that exist in financial services companies.

Course Title: **Computer Accounting 6725**
Recommended Preparation: None
Grade Level: 11, 12
Length of Course: 1 semester = 5 credits

This course introduces students to elementary accounting terms, reports, and procedures. Students are first introduced to the accounting cycle through a service type of business. Students then learn accounting procedures through a merchandising business. Students complete a reinforcement activity and a business simulation. Students learn to do general ledger, accounts payable, accounts receivable, payroll on the computer, operate calculators, and complete income tax forms. In addition, this course introduces students to career preparation, job acquisition, and job retention. Students will understand the career preparation and job acquisition skills required for employment, professional growth, and employment transitions in the field of business occupations. They will demonstrate competency by researching career options, applying job acquisition skills, preparing job search documentation, and modeling appropriate workplace demeanor.

Course Title: **Intro to Business (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: 10
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.

Course Title: **Entrepreneurship 6704**
Recommended Preparation: None
Grade Level: 11, 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 to starting a business, including financing, forms of organization, and business plans, They learn about the operational issues that new businesses are faced with, such as taxation, licensing, and liabilities, as well as the financial risks of starting a business. Students examine ethical issues and develop a framework for managing them.

Course Title: **Banking & Financial Services TBA**
Recommended Preparation: Successful completion of Principles of Finance, Financial Services, & Financial Planning. Also requires teacher recommendation & interview
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: **Retail Sales 6851**
Recommended Preparation: None
Grade Level: 11, 12
Length of Course: 2 semester = 10 credits

Will provide the student an opportunity to evaluate the field of selling or distribution in relation to his own vocational aspirations. The student learns the methods of analyzing customer's needs so that the merchandise sold would satisfy those needs. The student needs to be aware of the nature of business decisions and the ability to recognize and analyze the factors affecting the business decision. Students during the second semester will use the community as a classroom and work in community stores. Transportation provided. Meets the Fine Arts/Foreign Language/CTE course requirement for graduation. Must meet student assistant requirements.

PORTERVILLE HIGH SCHOOL



Academy of Health Sciences (PAHS)

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

Course Name	Course #	Level
Foundations in Health Science	3440	Introductory
Global Health & Nutrition or Biotechnology (Pick one)	3432/8944	Concentrator
Essentials of Nursing or Strategies of Nursing & Success	3462/5415	Concentrator
Emergency Medical Technician (EMT) or Sports Medicine	5410/5411	Capstone

*Additional Class after school (Optional) (2 periods) – Sometimes offered in summer

Course Name	Course #	Level
Certified Nurse's Assistant	3476	Capstone

Course Title: **Foundations in Health Science** **3440**
 Recommended Preparation: For Partnership Academy in Health Sciences Students
 Grade Level: 9
 Length of Course: 2 semester = 10 credits

Foundations in Health Science provides a student experience that develops career-ready practices through career exploration in the context of project-based learning (PBL). All knowledge and skills are based on career cluster and pathway standards to promote college and career readiness. Seventeen Healthcare Areas (HCA) include Biomedical Engineering, Biotechnology R&D, Clinical Lab Practices, Dentistry, Emergency Medical Technician, Environmental Health & Safety, Forensics, Health Information Management, Medical Imaging, Mental Health, Nursing, Ophthalmology, Pharmacology, Speech Therapy, Sports Medicine, Therapeutic Services, and Veterinary Medicine. Students will: work productively in small teams of 2, use technology to enhance productivity, plan education and career paths, utilize critical thinking, define problems and persevere in solving them, demonstrate creativity and innovation, employ valid and reliable research methods, and apply appropriate academic & technical skills. Every unit requires that students submit evidence of learning for each project, write in context (narrative & argumentative), and complete 2 objective assessments as proof of knowledge and skill attainment.

Course Title: Global Health & Nutrition 3432

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: 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: Essentials of Nursing 3462

Recommended Preparation: For Partnership Academy in Health Sciences Students

Grade Level: 11

Length of Course: 2 semesters = 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: Strategies of Nursing & Success 5415

Recommended: For Partnership Academy in Health Science Students

Grade level: 11

Length of course: 2 semesters = 10 credits

This is a dual credit class with Porterville College. This course is designed to prepare students for successful completion of a nursing program. The student will be given an overview of the program requirements and expectations, and he/she will acquire information and skills that facilitate student success once admitted into a nursing program pr. Students will also explore nursing career options which will guide the development of their educational plan.

Course Title: Emergency Medical Technician 5410

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 = 10 credits

This course is designed to train students for emergency care of individuals who have encountered some situation requiring emergency care. The content will include, but not be limited to CPR, First Aid, and the emergency components of the medical, law, and fire occupations. Meets the Fine Arts/Foreign Language/CTE course requirement for graduation. (This class will be integrated with the Homeland Security Pathway developed by the Cal State Fresno/USC campus)

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: 11, 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 Cardiopulmonary 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: Certified Nurse's Assistant 3476

Recommended: For Partnership Academy in Health Science Students

Grade level: 11 or 12 (seniors have priority)

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

AFTERSCHOOL PROGRAM District Wide

1. Must be committed to 3 hours after school M-F (excluding school holidays) Theory
2. Must be a in the 11th or 12th grade (for employment purposes, should be 18 or nearing your 18th birthday upon completing of the class).
3. Must have a VALID SOCIAL SECURITY NUMBER (required to register with CDPH and to obtain a background clearance)
4. Must submit to a DOJ background and be criminally cleared (Fingerprinting)
5. Must receive recommendation from Instructor of record to move to the Clinical portion of the training
6. Clinical Training will include evenings (4 hours) and Saturday mornings (8 hours)
7. Must have a government California issued ID or DL to take State Boards.
8. Must attend an Orientation/Informational meeting for additional requirements

SUMMER PROGRAM PAHS Students Only

Only 6 week course Monday - Friday 8 hour days

All of the above requirements except the following: MUST be Health Academy Student Incoming Seniors have FIRST PRIORITY Incoming Juniors then will be allowed in until the class is filled to 15 students.

STRATHMORE HIGH SCHOOL



Academy of Emerging Agricultural Technology (EAT)

Course Name	Course #	Level
Intro to Ag Industry	6102	Introductory
Plant and Soil Science	TBD	
Sustainable Agriculture	5710	Concentrator
EAT Capstone	5928	Capstone

Course Title: **Introduction to the Agriculture Industry** **6102**

Recommended Preparation: EAT Pathway Student

Grade Level: 9

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: **Plant and Soil Science**

Recommended Preparation: EAT Pathway Student

Grade Level:

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 and genesis; physical, chemical, and biological properties; soil water; classification and mapping; and soil fertility and productivity.

Course Title: **Sustainable Ag 5710**
Recommended Preparation: EAT Pathway Student
Grade Level:
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
ENGLISH	40
HISTORY / SOCIAL SCIENCE World History United States History Civics Economics	30 10 10 5 5
MATHEMATICS 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.	30
SCIENCE Laboratory Physical Science - Chemistry Laboratory Biological Science - Biology *All Students are required to take science their Freshman, Sophomore, and Junior years	20 10 10
PHYSICAL EDUCATION / HEALTH	20
FINE ARTS	10
FOREIGN LANGUAGE	20
ELECTIVES	90
TOTAL TO GRADUATE	260

COMPETENCIES:

Technology: All students must demonstrate computer competency through a computer course or challenge exam.

PORTERVILLE MILITARY ACADEMY



Military & Leadership		
Course Name	Course #	Level
CA Cadet Corp PMA	5080	Introductory
CA Cadet Corp 2 PMA	5081	Concentration
Applied Leadership 300	5087	Concentration
Applied Leadership 400	5088	Capstone

Course Title: **CA Cadet Corp 5080**
 Recommended Preparation:
 Grade Level: 9
 Length of Course: 2 semester = 10 credits

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.

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 and their effectiveness to influence human behavior while serving in direct line 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 learn to work at the operational and strategic levels of leadership coordinating personnel and resources.

Course Title: **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 impacts the endurance of the organization to meet its mission.

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 s/he recovered. This will be completed in collaboration with the ELA department.

Course Title: **Aviation Technology 5090**

Recommended Preparation:

Grade Level: 9, 10, 11, 12

Length of Course: 2 semester = 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 an airplane is constructed and powered to fly and support this with facts 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.

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.

HARMONY MAGNET ACADEMY HIGH SCHOOL GRADUATION REQUIREMENTS

Subject	Semester Credits
ENGLISH	40
HISTORY / SOCIAL SCIENCE World History United States History Civics Economics	30 10 10 5 5
MATHEMATICS 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.	30
SCIENCE Laboratory Physical Science - Chemistry Laboratory Biological Science - Biology *All Students are required to take science their Freshman, Sophomore, and Junior years	20 10 10
PHYSICAL EDUCATION / HEALTH	20
FINE ARTS	10
FOREIGN LANGUAGE	20
ELECTIVES	90
TOTAL TO GRADUATE	260

COMPETENCIES:

Technology: All students must demonstrate computer competency through a computer course or challenge exam.

HARMONY MAGNET ACADEMY



Academy of Engineering (AOE)

Architectural Design		
Course Name	Course #	Level
Intro to Design P (PLTW)	8933	Introductory
Principles of Engineering P	8930	Concentration
Civil Engineering & Architecture P	8932	Capstone
Environmental Sustainability P	3023	Capstone

Engineering Technology		
Course Name	Course #	Level
Intro to Design P(PLTW)	8933	Introductory
Digital Electronics	8106	Concentration
Computer Science	4163	Capstone

Engineering Design		
Course Name	Course #	Level
Intro to Design P/PLTW	8933	Introductory
Computer Integrated Manufacturing	8111	Concentrator
Engineering Design and Development	8941	Capstone

Course Title: **Introduction to Engineering Design (IED) 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 product.

Course Title: **Intro Design P (PLTW) 8933**
Recommended Preparation: Concurrent enrollment in a math class is required
Grade Level: 9
Length of Course: 2 semesters = 10 credits

This is the first course in the Project Lead the Way Engineering sequence. The major focus for this course is to expose students to the elements and principles of visual design using the engineering design process. Projects will focus on design factors such as aesthetics, format, geometric shape & form, perspective drawing, scale, proportion, and presentation techniques.

Course Title: **Digital Electronics 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 (POE) P 8930**
Recommended Preparation: Concurrent enrollment in a math class is required
Grade Level: 11
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: **Environmental Sustainability P 3023**
Recommended Preparation: Successful completion of IM1; successful completion of/or concurrent enrollment of IM2; successful completion of/or concurrent enrollment in two laboratory science courses
Grade Level: 11
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 automation to the creation of models of three-dimensional designs.

Course Title: Civil Engineering and Architecture (CEA) 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:

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: 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.

Course Title: **MESA P 8838**
Recommended Preparation: None
Grade Level: 9, 10, 11, 12
Length of Course: 2 semesters = 10 credits

The Mathematics Engineering Science Achievement (MESA) Schools Program at CSU Fresno has been serving students in the Central San Joaquin Valley since 1980. Since its founding at UC Berkeley in 1970, MESA has encouraged students to learn about math, engineering, and science in new and exciting ways. MESA has a tradition of preparing students to go to four-year colleges and universities. MESA students and advisors participate in a variety of activities, including four Saturday Academies, preliminary and regional MESA Day competitions, a new online course, two robotics competitions, and monthly student leadership meetings.

Course Title: **Principles of Biomedical Science P 3480**
Recommended Preparation: Successful completion of Integrated Math 1P (or Algebra 1P). Successful completion of, or concurrent enrollment in Integrated Math 2P.
Grade Level: 11, 12
Length of Course: 2 semesters = 10 credits

In the Project Lead The Way (PLTW) Principles of Biomedical Science course, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

Course Title: **Lab Assistant 3280**
Recommended Preparation: Biology P or AP®, and Chemistry P or AP®, excellent attendance, 3.0 GPA or higher, and Teacher Recommendation
Grade Level: 11, 12
Length of Course: 2 semesters = 10 credits

Student 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.

HARMONY MAGNET ACADEMY



Academy of Performing Arts (APA)

Design, Visual, & Media Arts-Animation		
Course Name	Course #	Level
Graphic Design Production Principles P	6678	Introductory
Motion Graphics P	4184	Concentrator
Advanced Motion Graphics P	4189	Capstone

Performing Arts-Dance Choreography		
Course Name	Course #	Level
Dance Elements and Interpretation P	4330	Introductory
Dance Technologies II P	4331	Concentrator
Dance Technologies III P	4333	Capstone

Performing Arts-Professional Music (Orchestra)		
Course Name	Course #	Level
Beginning Orchestra P	4910	Introductory
Intermediate Orchestra P	4915	Concentrator
Advanced Orchestra P	4920	Capstone

Performing Arts-Professional Music (Keyboarding)		
Course Name	Course #	Level
Music Keyboarding Skills P	7233	Introductory
Music Keyboarding Skills II P	7234	Concentrator
Music Keyboarding III P	7235	Capstone

Performing Arts-Professional Music (Guitar)		
Course Name	Course #	Level
Fundamentals of Guitar P	4505	Introductory
Fundamentals of Guitar II P	4510	Concentrator

Performing Arts-Professional Music (Choir)		
Course Name	Course #	Level
Bass Clef P	4526	Introductory
Treble Choir P	4626	Introductory
Concert Choir P	4701	Concentrator
Advanced Concert Choir P	TBA	Capstone

Performing Arts-Professional Theatre		
Course Name	Course #	Level
Theatre Performance I P	4355	Introductory
Theatre Performance II P	4356	Concentrator
Theatre Performance III P	4357	Capstone

Performing Arts-Stage Technology		
Course Name	Course #	Level
Theatre Tech P	4342	Introductory
Tech Theatre II P	4341	Concentrator
Performing Arts Capstone P	5955	Capstone

Course Title: Introduction To Stagecraft Technology P 4410

Recommended Preparation: None

Grade Level: 9

Length of Course: 2 semesters = 10 credits

A course designed to involve students in all phases of theatre production, including technical theatre, performance theatre, and instrumental music. The class will be studying the entire process through production of short and long performances. Students can choose to specialize in a specific area of theatre. The culmination of the course will be public presentation of a theatre production.

Course Title: Graphic Design NAF P 4186

Recommended Preparation: None

Grade Level: 9, 10, 11, 12

Length of Course: 1 semester = 5 credits

NAF Graphic Design provides a hands-on introduction in the technical and creative skills of a professional graphic designer. Students learn the distinguishing features of communicating visually through graphic design, and gain technical skills in Adobe Photoshop to equip them for graphic design work. Students master the basic principles of graphic design, and then delve into the elements of graphic design, such as color, typography, and images. Students will acquire knowledge and skills in graphic development and manipulation, project planning, and critical analysis of multimedia work.

Course Title: Introduction to Video and Audio Production 4170

Recommended Preparation: None

Grade Level: 9, 10

Length of Course: 2 semesters = 10 credits

This course introduces students to video and audio production and editing. Topics include: the physics of sound, signal path, microphones and microphone placement, understanding hardware, video equipment, sets, lighting, video production, basic broadcast production, multi-track editors, and effects. Students will produce and edit a variety of video and audio production projects.

Course Title: Graphic Design Production Principles P 6678

Recommended Preparation: None

Grade Level: 9, 10, 11, 12

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, 11, 12

Length of Course: 2 semesters = 10 credits

This course gives an introduction to principles of motion graphics using AfterEffects. 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 AfterEffects 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 4185

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 AfterEffects, 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: Music Keyboarding Skills P 4860

Recommended Preparation: None

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

This introductory course is designed to develop piano playing technique using state of the art keyboard and music software technology. An introduction of basic music theory, scoring and arranging fundamentals is also a major component of this class.

Course Title: Music Keyboarding Skills II P 4865

Recommended Preparation: Completion of Music Keyboarding Skills with "C" or better

Grade Level: 10, 11, 12

Length of Course: 2 semesters = 10 credits

This course is a continuation of Music Keyboarding Skills. In this course students will further develop their piano playing technique and be expected to perform in one recital during the school year. Additionally, students will further develop their music theory, scoring/arranging and composition skills. The goal of this course is to prepare students for performance.

Course Title: Music Keyboarding Skills III P 4870

Recommended Preparation: Music Keyboarding Skills II P or instructor's approval

Grade Level: 10, 12

Length of Course: 2 semesters = 10 credits

This course is designed for the performing arts students who have developed a passion for piano keyboarding to continue to grow as pianists. Course work focuses on advanced musical performance skills, intermediate to advanced keyboarding skills, 4-part harmonic analysis and composition, and keyboarding literature music history. This course has broad application to students specializing in music, dance, and theater. Students who pursue music in college will be able to place in higher piano courses, decreasing their academic work load.

Course Title: Voice Class P 4501

Recommended Preparation: None

Grade Level: 11, 12

Length of Course: 2 semesters = 10 credits

This course is designed for the performing arts students interested in the study of voice. It introduces students to fundamental elements of music which are necessary for both academic musical pursuits and later professional endeavors. The course focuses on advanced work in musical performance, textual analysis, basic keyboarding skills, ear training, sight singing, melodic and rhythmic dictation, IPA, music history, vocal health, and the anatomy and physiology of the voice. This course has broad application to students specializing in music, dance, and theater and serves as an introduction to the course to vocal students in many colleges. Upon completion of this course, student will have five college level musical audition selections.

Course Title: Theatre Technology P 4342

Recommended Preparation: Introduction to Stagecraft Technology or Teacher Approval

Grade Level: 10, 11, 12

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 4341

Recommended Preparation: Theater Technology and Teacher Approval

Grade Level: 10, 11, 12

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 positions in both design teams and theatrical production teams. Participation in theatrical productions at Harmony Magnet Academy is mandatory.

Course Title: Theatre Performance P 4355

Recommended Preparation: Introduction to Stagecraft Technology or teacher approval

Grade Level: 10, 11, 12

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: Dance Elements and Interpretation P 4330

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.

Course Title: Dance Technologies II P 4331

Recommended Preparation: Dance Elements and Interpretation with a grade of "C" or better

Grade Level: 10, 11

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: 10, 11, 12

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. Lectures and discussion that cover dance related topics would be included. There will be mandatory performances.

Course Title: Dance Technologies IV P 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: 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 a local elementary or middle schools, or a community-based project in partnership with local business partners.

Course Title: Fundamentals of Guitar P 4505

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 an 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: Beginning Orchestra P 4910

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 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: 9, 10, 11, 12

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, drill, and performance.

Course Title: Advanced Orchestra P 4920
Recommended Preparation: Prior string study and teacher approval
Grade Level: 9, 10, 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: Studio Orchestra P 4921
Recommended Preparation: Prior string study and teacher approval
Grade Level: 9, 10, 11, 12
Length of Course: 2 semesters = 10 credits

This advanced performance course is for the experienced performers who will explore a wide range of musical genres: classical, show and movie music, jazz, rock and roll, electronic, country, and alternative styles of music. This ensemble, "Harmonix", will perform throughout the community.

Course Title: Beginning Band P 4960
Recommended Preparation:
Grade Level: 9, 10, 11, 12
Length of Course: 2 semesters = 10 credits

This course is designed for performing arts students who have little to no previous experience in band to learn one or more instruments and begin to prepare for performance level high school music. Beginning Band practices with the Intermediate Band, however they get extra rehearsal (individual, sectional, and ensemble) with one-on-one instrument instruction with the director. Students will also spend time developing music theory and aural training skills

Course Title: Intermediate Band P 4965
Recommended Preparation: Audition and Instruction
Grade Level: 9, 10, 11, 12
Length of Course: 2 semesters = 10 credits

This course is designed for performing arts students who have previous experience in band and are prepared for the performance level of high school level music. Intermediate Band performs with the Advanced Band, however they get extra rehearsal (individual, sectional, and ensemble) with one-on-one instrument instruction with the director. Students will also spend time developing music theory and aural training skills.

Course Title: Symphony P 4930
Recommended Preparation: Audition and Instruction
Grade Level: 9, 10, 11, 12
Length of Course: 2 semesters = 10 credits

This course is designed for performing arts students who have previous experience in band and are past the beginning/intermediate level. The course focuses on advanced musical performance skills, advanced instrumental skills, and reading and interpretation of different musical genre's and era's. 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: 1 semesters = 5 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.

Course Title: Intermediate Class Piano (PC# MUSC P143 B) CLM43B

Recommended Preparation: Beginning Class Piano and/or Instructor Approval

Grade Level: 9, 10, 11, 12

Length of Course: 1 semesters = 5 credits

This Dual Enrollment course is designed to develop advanced beginner skills through practical keyboard facility, music reading, knowledge of major/minor keys and primary chords (inversions), intervallic relations, and performance of advanced beginner piano literature.

Course Title: Intermediate Class Piano (PC# MUSC P143 C) CLM43C

Recommended Preparation: Beginning and Intermediate Class Piano and/or Instructor Approval

Grade Level: 9, 10, 11, 12

Length of Course: 2 semesters = 10 credits

This Dual Enrollment course is designed to develop intermediate skills through practical keyboard facility, music reading, knowledge of musical modes, 7th chords (inversions), identify and perform basic musical forms, and performance of intermediate piano literature.

