Selma High School
Program Planning Guide
2022-2023
Students and Parents:

For the Latest Information
Pertaining to You...

Visit Selma High School's Website:

www.selmausd.org/Domain/8

Parents, Guardians, Pupils, and Teachers:

Pursuant to California Education Code Section 35186, you are hereby notified that:

1. There should be sufficient textbooks and instructional materials. That means each pupil, including English learners, must have a textbook or instructional materials, or both, to use in class and to take home.

2. School facilities must be clean, safe, and maintained in good repair.

3. There should be no teacher vacancies or mis-assignments. There should be a teacher assigned to each class and not a series of substitutes or other temporary teachers. The teacher should have the proper credential to teach the class, including the certification required to teach English learners if present. Teacher vacancy means a position to which a single designated certificated employee has not been assigned at the beginning of the year for an entire year, or if the position is for a one semester course, a position to which a single designated certificated employee has not been assigned at the beginning of a semester for an entire semester. Mis-assignment means the placement of a certificated employee in a teaching or services position that the employee is not otherwise authorized by statute to hold.

4. A complaint form may be obtained at the School office, district office, or downloaded from the school's website at: http://www.selmausd.org/Domain/8
   You may also download a copy of the California Department of Education complaint form from the following web http://www.cde.ca.gov/re/cp/
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Course Title Descriptions Codes:
P = Meets UC honors admittance requirements
H = Meets UC honors admittance requirements
AP = Advanced Placement
® = Valley ROP Course
SELMA HIGH SCHOOL MISSION STATEMENT

Every Student Achieving High Expectations

VISION

Selma High School reflects the characteristics of a California Distinguished High School

- Rigorous standards and graduation requirements
- Visionary and collaborative leadership
- Research-based curriculum and instructional practices
- Learning support services for all students including those with special needs
- Modern technology to support student learning
- Relevant professional development
- Extensive family participation
- Partnerships with business and community
- Safe, clean, and healthy learning environment
Principal’s Message

Welcome to Selma High School. The mission of Selma High School is "Every Student Achieving High Expectations" and all staff are committed to moving towards our mission each and every day. Our mission statement was designed and agreed upon by the high school community by reevaluating our core beliefs and desired outcomes for student success. The high school's curricular emphasis has both a solid foundation in the depth and breadth of California State Standards, while maintaining particular attention to the various learning styles and needs represented by all students. Selma High continues to recognize positive behavior from students and staff that provide a safe and positive learning environment for all stakeholders. We have a belief in the Selma High Five (Believing, Encouraging, Accepting, Respecting, Supporting), which provides the foundation for all students and staff related to expected behaviors on campus. Establishing a safe and positive learning environment for all students and staff remains a high priority for the school and district. Co-curricular and extracurricular clubs and athletic teams provide students the opportunity to become engaged with school beyond the classroom setting. With over 80 clubs on campus, and with a multitude of athletic teams for all students, there are many ways to become involved. Please visit the Selma High School website and/or call the school any time for more information on the school.

Dr. Scott Pickle

Selma High Schoolwide Learner Outcomes

We BELIEVE every student can make a contribution to society through furthering their education, entering the workforce, or serving others. To reach these goals students will engage at Selma High in a rigorous curriculum adhering to the California Common Core State Standards, projects, community service tasks, and extra-curricular events.

We ENCOURAGE students to become involved in their campus and their community through academics, leadership, MTSS, clubs, extracurricular opportunities, youth organizations, and community events.

The Selma High Community is ACCEPTING of all students and their unique gifts and talents that make them a BEAR. Students are exposed to a variety of cultures, faiths, and belief systems through content curriculum, classroom interactions, on-campus clubs, and school and community events encouraging diversity and acceptance.

RESPECTING each individual, students, staff, or community member is a foundational belief for all Member of the Selma High School community. Students will engage in and demonstrate respectful behavior while on campus, at a school event, and outside of school both during their time at Selma High but also as they move on to a post-secondary setting.

Through a SUPPORTING and nurturing environment, which allows students to participate and take risks, our students will develop the communication skills needed to become effective verbal and written communicators demonstrating mastery of content.
**Standards of Proficiency**

**A. DIPLOMA REQUIREMENTS**

1. Students must earn at least 220 credits to earn a Selma High School diploma (see page ten for specific course requirements).

2. California Education Code requires that students pass Algebra 1 (or its equivalent) in order to receive a high school diploma. Relevant sections from the Education Code are reproduced below:

   51124.5 (a) The adopted course of study for grades 7 to 12 inclusive, shall include **Algebra** as part of the mathematics area of study pursuant to subdivision (f) of Section 51220.

   (b) At least one course, or combination of the two courses in mathematics required to be completed pursuant to subparagraph (B) of paragraph (1) of subdivision (a) of Section 51225.3 by pupils while in grades 9 to 12, inclusive, prior to receiving a diploma of graduation from high school, shall meet or exceed the rigor of the content standards for Algebra 1, as adopted by the State Board of Education pursuant to Section 60605.

   (c) If at any time in any of grades 7 to 12, inclusive, or in any combination of those grades, a pupil completes coursework that meets or exceeds the academic content standards for Algebra. Those courses shall apply towards satisfying the requirements of subparagraph (B) of paragraph (1) of subdivision (a) of Section 51225.3.

**B. DIFFERENT STANDARDS AND ASSESSMENT PROCEDURES**

Differential standards and assessment procedures can be adapted for a student in Special Education. The process must include a review by the Special Education Department, along with written specifications in the student’s Individualized Education Program (IEP).

**Extra-and Co-Curricular and Activities Code**

**IT IS A PRIVILEGE, NOT A RIGHT, TO REPRESENT YOUR SCHOOL IN AN ACTIVITY OR SPORT.**

The staff of Selma High School recognizes the need to generate the code of conduct for those students involved in the privilege of representing SHS in school sponsored activities. The code is aimed primarily at helping the student by providing guidelines and rules of conduct. The parent and student shall indicate their understanding of the code and the penalties for violations by signing this document and returning it to the athletic department/advisor.

In order to be eligible for participation in extra/co-curricular activities, a student must pass at least 25 units during the previous grading period with a 2.0 GPA (4.0 average). A student may not have more than 1 F during the grading period. At the end of the current grading period, any student who has not met the eligibility criteria for two consecutive grading periods will not be eligible to participate.

**RULES OF CONDUCT**

A student involved in extra/co-curricular activities must understand that these rules are supplemental to the District Discipline Code. This code will be in effect 24 hours per day/seven days per week while student is participating in a sport or extra-curricular/co-curricular activity.

1. Students shall not use or possess alcohol, drugs, or tobacco which includes androgenic/anabolic steroids or non-prescribed drugs at any time (24 hours per day/seven days per week).

**INFRACTIONS** for students who use or possess alcohol, drugs, or tobacco: First Infraction: The student will be removed from all extra/co-curricular activities for 45 school days. The advisor/coach and activity/athletic director shall hold a parent conference prior to suspending the student from an activity. The student may reduce the suspension by choosing to work off up to 10 days by completing up to 20 hours of community service on campus before or after school (2 hours equals 1 day). **A student athlete may not practice for the next season of sport until the current season in which the infraction took place is completed.**

Second Infraction: The student will be suspended from ALL activities for up to 365 calendar days from the time of the violation. The student can choose to reduce the suspension to 180 days if he/she voluntarily completes a drug/alcohol program that is approved by the activity/athletic director/site administrator.

2. Students shall not commit theft, assault, vandalism, or felony at any time (24 hours per day/7 days per week) as determined by school officials.

**INFRACTIONS** for students who commit theft, assault, vandalism, or felony as determined by school officials:

First Infraction: the student will be removed from all extra/co-curricular activities for up to 45 school days as determined by school officials. The advisor/coach and activity/athletic director shall hold a parent conference prior to suspending the student from an activity. The student may reduce the suspension by choosing to work off up to 10 days by completing up to 20 hours of community service on campus before or after school (2 hours equals one day). **A student athlete may not practice for the next season of sport until the current season in which the infraction took place is completed.**

Second Infraction: The student will be suspended from ALL activities for up to 365 calendar days from the time of the violation.

3. Students shall attend school for the entire day in order to practice or play/perform. If a performance/game is conducted on a Saturday or holiday, the student shall attend school for the entire day before the event. Students are responsible for clearing their absence with the Principal/Athletic Director prior to the absence. A student who is suspended OFF CAMPUS is counted as absent under this rule. If a student is suspended OFF CAMPUS, a student cannot be in any extra-curricular practice or contest. If a student athlete is suspended ON CAMPUS, he/she will be able to practice and compete in a contest. The student is also responsible for informing the coach/advisor if he/she has been absent for all or part of the day.

First Infraction: If it has been determined by school officials that a student has been absent from school and subsequently participated in a performance/game without proper permission, the student will be suspended for the next full game/performance.

Second Infraction: If it has been determined by school officials that a student has been absent from school for a second time and subsequently participated in a performance/game without the proper permission, the student shall be removed from the team/activity.

4. Any student who quits or is released from an activity once the team/performers have been chosen will forfeit ALL awards and recognition for that activity and will be suspended from all extra/co-curricular activities for 30 school days. In sports, the athlete will not be allowed to participate in the next season of sports.

5. A student who becomes academically ineligible will forfeit all awards and recognition from the activity at the time of ineligibility.

6. Students are subject to consequences for violation of any school conduct/behavior rules which are broken during any extra/co-curricular activity.

*Decisions made by school officials regarding this Activities Code may be appealed to the Athletic Director, Assistant Principal, and Principal.**

**Students must attend school all periods in order to participate in any extra/co-curricular activity on that day.**

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**Non-Discrimination Notice**

**NON-DISCRIMINATION IN DISTRICT PROGRAMS AND ACTIVITIES**

The Selma Unified School District is committed to equal opportunity for all individuals in education. District programs, activities, and practices shall be free from unlawful discrimination, including discrimination against an individual or group based on race, color, ancestry, nationality, national origin, ethnic group identification, age, religion, marital, pregnancy, or parental status, physical or mental disability, sex, sexual orientation, gender, gender identity or expression, or genetic information; a perception of one or more of such characteristics; or association with a person or group with one or more of these actual or perceived characteristics.

Designated Compliance Officer:

Wayne Dixon
Selma Unified School District
3036 Thompson Avenue
Selma, California 93662
(559) 898-4500 Ext. 46548
Academic Policies

MAXIMUM CREDIT GUIDELINES
1. A regular Schedule consists of six classes of 30 credits/semester.
2. A student may take an additional 10 credits per semester through
   a continuation of the regular schedule. Credit Recovery, etc.
   (with a Learning Director’s permission).
3. No student will be allowed to take more than 80 credits in a given
   school year (not including summer school).

PASS (Grade of P) WHEN 'P' RECEIVED
(Not reflective in GPA) A student receives credit, but the grade is not
used in computing the student’s GPA.

PROGRESS REPORTS & REPORT CARDS
Progress reports are mailed to parents/guardians every three weeks.
Three report cards are issued per semester-at six weeks, at twelve
weeks, and at eighteen weeks. All report cards, twelve-week
progress/deficiency grade reports and 18 week (semester) transcript
grades are mailed to parents/guardians.

WITHDRAWAL/FAILURE (WF)
A student may initiate the dropping of a class, without penalty, until
the end of the second week of each semester. After that date, a
withdrawal will result in a “WF” grade on the student’s transcript.

The Governing Board directs the Superintendent to establish
Administrative Regulations to implement this policy.

COMPUTING GRADE POINT AVERAGE
A student receives five semester credits or units for each class during a
semester in which a passing grade (A, B, C, D, P) is earned. No credit
is awarded at the six-week or twelve-week report cards. Grades, at
those times, are progress reports to the student and parent. The
cumulative grade point average is computed by awarding grade points
(A=4, B=3, C=2, D=1, F=0) for all classes with the exception that the
scale (a+5, B=4, C=3, D=2) is used for classes that the District submits
to the University of California for the awarding of an extra grade point
(Advanced Placement). The class rank for graduating seniors is
based upon the cumulative grade point average for eight semesters.

REPEATING A COURSE
A student may petition to substitute a grade by repeating a course with
the following understanding and conditions:
1. The site principal must grant approval on a petition form.
2. Only the course taken in Selma Unified School District (original
   or repeated) can be considered on this petition.
3. A student may substitute a grade only once for a particular course
   and for only once previous attempt.
4. The petition will be denied if the student has taken additional
coursework in the same department (since the original attempt)
   where the original course is listed as a prerequisite for the next
   sequential course (e.g. a semester of Integrated Math 1 could not
   be repeated once a student has begun work in Integrated Math 2).
   Any special circumstance must be noted and approved.
5. The original grade will remain on the student’s transcript
   indicated as a repeated course. The original course grade will not
   count toward the student’s GPA calculation. The student’s GPA
   will be calculated using the grade from the second attempt. If
   credit was earned on the original attempt (“D” grade or better), it
   will remain on the student’s transcript counting towards the
   student’s total earned credits.

6. A student who substitutes a grade by repeating a course will not
   qualify for the Valedictorian Award at graduation if the revised
   grade point average is 4.0.

PROGRESS TOWARD GRADUATION
Students who do not make the minimal progress toward graduation as
outlined (see pg. 7), will be reclassified to the grade level for the
number of credits he/she has accumulated.

Advanced Placement
The Advanced Placement (AP) program is a cooperative endeavor
that helps high school students complete college-level courses and
permits colleges to evaluate, acknowledge, and encourage that
accomplishment through granting of appropriate credit and/or
placement. The AP program is national in scope; its policies are
determined by representatives of the College Board member
institutions and agencies throughout the country (public and
private secondary schools, colleges, and universities) and are
implemented by the College Board. Advanced Placement exams
are offered each spring. Students successful in AP courses
generally have adequate preparation for these three hour long,
comprehensive exams. Each exam is administered once a year,
during the second and third weeks in May. The universities will
grant an additional grade point for a passing grade in an AP class
when computing its grade point average for admission review. The
University of California grants credit for all College Board
Advanced Placement Tests on which a student scores a 3 or higher.
The credit may be subject credit, graduation credit, or credit
toward general education or breadth requirements, as determined
by evaluators at each campus. College entrance with sophomore
standing is available through the AP through cooperating colleges.
Additional information about the AP program is available in the
learning director’s offices. Students who take an AP Examination
are subject to a test fee which is charged by the College Board.

Academic Policies (Co-Curricular & Extracurricular Participation)

COLLEGE PREPARATORY COURSE (P in the title)
Any course designated by “P” is a college preparatory course that satisfies one of the criteria established by the CSU/UC system in its A-G college entrance requirements.

HONORS LEVEL CLASS (H)
An honors level class designated by “H” is an honors level (i.e. English 1H) course that satisfies the criteria established by the University of California and California State University systems.

Honors sections of other selected classes are offered at the school level that enriches the course of study of the regular course.
INCOMPLETE GRADE (I)
A semester incomplete (I) grade may be issued by a teacher, with administrative approval when a student has not completed the course requirements due to an extended absence or extenuating circumstances.

**The student will have up to two weeks in order to complete the required work and receive a passing grade. An incomplete grade not resolved by that time will be changed to an “F.”**

Co-Curricular & Extracurricular Participation
The Board establishes the following standards with the intention that any student participating in a co-curricular or extracurricular activity, grades 9-12, will maintain a grade point average for all classes and minimum progress toward high school graduation that demonstrates satisfactory course work. Each school site is directed to develop a plan to provide monitoring and assistance to individual students in order to satisfy these standards. The adoption of this policy concurrently satisfies the requirements of the California Education Code (Section 35160.5) and the California Interscholastic Federation (By law 205).

A. GRADE POINT AVERAGE REQUIREMENT
A student must earn at least a 2.0 grade point average in all enrolled classes for the prior grading period in order to participate during the current grading period (grades 9-12). A student who fails to achieve at least a 2.0 grade point average will be placed on probation for the current grading period. A student who does not achieve at least a 2.0 grade point average during the probationary period shall not be allowed to participate in co-curricular and extracurricular activities in the subsequent grading period.

B. PROGRESS TOWARD THE GRADUATION REQUIREMENT
The following number of accumulated units toward high school graduation will be the standard for minimum achievement.

Sophomore ……………… 60 credits
Junior …………………….120 credits
Senior ……………………. 180 credits

A student who does not accumulate the required number of credits toward high school graduation may be placed on probation for the current semester. A student who does not achieve the necessary number of credits by the end of the probationary semester shall not be allowed to participate in co-curricular and extracurricular activities in the following semester.

C. WRITTEN NOTIFICATION
The school will provide written notification whenever a student is placed on probation or becomes ineligible for co-curricular and/or extracurricular participation under the standards of this policy.

D. SUMMER SCHOOL
Summer school grades for repeated coursework may be combined with grades from the last grading period in computing the grade point average to determine athletic eligibility for the 1st grading period of the next school year.

E. END OF GRADING PERIOD/SEMESTER
A school must declare students eligible, ineligible, or on probation on the same day following the close of the previous grading period. This date should be set to allow for accuracy in the issuance of grades and the determination of grade point averages.

F. TRANSFER STUDENTS
A transfer student is subject to all conditions of the grade point average requirement. If a transfer student is below the standards for accumulated credits toward high school graduation, a school can implement a probationary period if the following conditions are met:

1. A written plan of coursework for the student to catch up on credits within twelve months (or the graduation ceremony for a senior) is developed. The plan is to be submitted to the high school Principal for approval.

Valedictorian & Salutatorian Policies

VALEDICTORIAN
Summa Cum Laude – Highest GPA, 4.21 or above
Magna Cum Laude – GPA, 4.11 - 4.2
Cum Laude – GPA, 4.0 – 4.1

All students who have maintained a 4.0 or above cumulative GPA by the second semester, second 6-week grading period, will be considered a Selma High School Valedictorian. Students must maintain their GPA through the end of the school year.

SALUTATORIAN
Students who have the next highest cumulative GPA under 4.0 by the second semester, second 6-week grading period, will be considered a Selma High School Salutatorian. Students must maintain their GPA through the end of the school year.

Secondary Enrollment Criteria
Expelled Students: Students returning from an expulsion will begin at Heartland. Seniors who start the school year with 140 credits may take six (6) classes with an additional ten (10) credits each semester of concurrent enrollment in Credit Recovery or Independent Study (ISP). Seniors who start the school year with 130 credits may take six (6) classes with an additional ten (10) credits each semester of concurrent enrollment in Credit Recovery or ISP. Also includes five (5) credits each semester for Early Bird class.

Seniors who start the school year with 120 credits may take six (6) classes with an additional ten (10) credits each semester of concurrent enrollment in Credit Recovery or ISP. Also may include five (5) credits each semester for Early Bird class and will not participate in the June graduation ceremony. Student must attend Summer School to complete the remaining ten (10) credits.
**Scholarships & Financial Aid**

During recent years, education costs have risen steadily. As a result, students and their families must carefully weigh the monetary investment of an education and also thoroughly investigate possible sources of financial assistance. The primary goal of financial aid is to make possible student access to educational/training opportunities by removing financial barriers, which would exclude financially needy, but otherwise eligible, students from specific schools and programs. Although certain scholarships are awarded solely on the basis of academic excellence, high competitive test scores, and other non-need factors, the expression “financial aid” normally assumes the existence of some degree of financial need. The simple need definition, or equation is:

\[
\text{(Education costs)} - \text{(Family resources)} = \text{Need}
\]

In general, if students are uncertain regarding their ability to meet an expected educational budget, they should submit the Free Application for Federal Student Aid (FAFSA), Cal Grant GPA Verification, CSS/Financial Aid PROFILE (to those schools who require it) and apply to the college of their choice for financial aid. The priority filing time for the FAFSA and Cal Grant is now October 1 – March 2. Seniors who are enrolled students at Selma High School as of November 1 will have their GPA Verification submitted for them by the Guidance Department. The FAFSA is available online at [www.fafsa.ed.gov](http://www.fafsa.ed.gov). Students should also apply directly for any scholarships sponsored by individuals, organizations, and institutions for which they might qualify. For additional sources of financial assistance see the monthly Outside Scholarship List and the Local Scholarship Handbook (available in January). See page 42 for Scholarship Search Engines.

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**Testing (Pre-College & Career Guidance)**

**College Entrance Exams**

*American College Test (ACT)* is an achievement test emphasizing analytical thinking and problem solving skills. Scores are given in English, math, reading, and science reasoning; career guidance information is provided. The test is administered six times a year. This is a college admission test taken in the spring of the junior year or the fall of the senior year.

*Preliminary Scholastic Aptitude Test (PSAT/NMSQT)* measures verbal (vocabulary and reading comprehension) and math abilities. The test is an excellent exposure to pre-college testing and when taken in the junior year is the qualifying test for the National Merit Scholarship competition. This test is administered once a year in October.

*Scholastic Aptitude Test I (SAT I)* measures verbal and mathematics abilities. This college admission test is given seven times a year. *Scholastic Aptitude Test II (SAT II)* or SAT Subject Tests fall into five general subject areas: English, History and Social Studies, Math, Science, and foreign languages. Many competitive colleges require tests in three areas (writing, mathematics, and the third of the student’s choice). Check college catalogs to determine which subject tests are required. Many colleges use Subject Tests for admission, for course placement, and to advise students about course selection. Some colleges specify the Subject Tests they require for admission or placement; others allow applicants to choose which tests to take. Up to three tests may be taken on one date, but the SATII cannot be taken on the same day that a student takes the SAT I. This test is best taken upon completion of the related course.

Additional information and applications for the college admission tests are available in the Learning Director’s offices.

**Test fee reductions or waivers are available to students with demonstrated financial need. Contact your Learning Director as soon as possible before registering for the exam.**

**Career Guidance Measures** The *Armed Services Vocational Aptitude Battery (ASVAB)* consist of ten short sections designed to measure skills and knowledge essential to military and civilian career specialties. Taking this free test does not obligate one to the armed forces, but may provide valuable insight for a career choice for the student.

**Interest Inventories** are available through our Career Technician. Additional information about career guidance is available at the school site.
### Career Pathways

The State of California has identified 15 Industry Sectors. Each sector contains multiple career pathways in which to develop students’ programs of study.

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<tr>
<td></td>
<td></td>
<td>Electrician/Electronics, Industrial Engineer/Technician</td>
</tr>
<tr>
<td><strong>Fashion &amp; Interior Design</strong></td>
<td>Fashion Design, Manufacturing &amp; Merchandising, Interior Design, Furnishings &amp; Maintenance</td>
<td>Fashion Designer, Pattern Maker, Stylist, Fashion Buyer</td>
</tr>
<tr>
<td><strong>Finance &amp; Business</strong></td>
<td>Accounting Services</td>
<td>Accountant, Loan Officer, Bookkeeper, Auditor</td>
</tr>
<tr>
<td></td>
<td>Banking and Related Services</td>
<td>Bank Teller, Credit Analyst, Actuary, Appraiser</td>
</tr>
<tr>
<td></td>
<td>Business Financial Management</td>
<td>Loan Officer, Tax and Claims Examiner, Economist</td>
</tr>
<tr>
<td><strong>Health Science &amp; Medical Technology</strong></td>
<td>Biotechnology Research &amp; Development</td>
<td>Biomedical Chemist, Clinical Trials Researcher, Biostatistician</td>
</tr>
<tr>
<td></td>
<td>Diagnostic Services</td>
<td>Medical Laboratory Aide, Geneticist, Radiologist</td>
</tr>
<tr>
<td></td>
<td>Health Information, Therapeutic and Support Services</td>
<td>Medical Records Clerk, Medical Coder</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Medical Assistant, Exercise Physiologist, Dentist</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Industrial Hygienist, Mortician, Central Supply Aide</td>
</tr>
<tr>
<td><strong>Hospitality, Tourism &amp; Recreation</strong></td>
<td>Food Service and Hospitality</td>
<td>Line Cook, Baker, Caterer</td>
</tr>
<tr>
<td></td>
<td>Tourism &amp; Recreation</td>
<td>Event/Wedding Planner, Concert Promoter</td>
</tr>
<tr>
<td></td>
<td>Food Science, Dietetics &amp; Nutrition</td>
<td>Dietary Aide, Personal Chef, Food Scientist</td>
</tr>
<tr>
<td><strong>Information Technology</strong></td>
<td>Information Support &amp; Services</td>
<td>Technical Writer, Software Engineer, Database Administrator</td>
</tr>
<tr>
<td></td>
<td>Media Support &amp; Services</td>
<td>Website Developer, Multimedia Designer, Animators, Network Systems Analyst</td>
</tr>
<tr>
<td></td>
<td>Network Communications</td>
<td>Computer Security Specialist, Computer Engineer, Computer Systems Analyst</td>
</tr>
<tr>
<td></td>
<td>Programming &amp; Systems Development</td>
<td></td>
</tr>
<tr>
<td><strong>Manufacturing &amp; Product Development</strong></td>
<td>Graphic Arts Technology</td>
<td>Publisher, Editor, Industrial Designer</td>
</tr>
<tr>
<td></td>
<td>Integrated Graphics Technology</td>
<td>Special Effects Animator, Web Designer</td>
</tr>
<tr>
<td></td>
<td>Machine &amp; Forming Technology</td>
<td>Assembler, Computer Programmer, Design Engineer</td>
</tr>
<tr>
<td></td>
<td>Welding Technology</td>
<td>Welder, Blacksmith, Ironworker</td>
</tr>
<tr>
<td><strong>Marketing Sales &amp; Service</strong></td>
<td>E-Commerce</td>
<td>Customer Support Specialist, E-Commerce Entrepreneur, E-Commerce Marketing Specialist, Franchisee, Buyer, Business Owner</td>
</tr>
<tr>
<td></td>
<td>Entrepreneurship</td>
<td>Route Sales, Shipping and Receiving, Economist</td>
</tr>
<tr>
<td></td>
<td>International Trade</td>
<td>Telemarketer, Account Executive, Public Relations</td>
</tr>
<tr>
<td><strong>Public Services</strong></td>
<td>Human Services</td>
<td>Child Care, Psychologist, Emergency Services</td>
</tr>
<tr>
<td></td>
<td>Protective Services</td>
<td>Police Officer, Paramedic, Security Guard</td>
</tr>
<tr>
<td></td>
<td>Legal and Government Services</td>
<td>Judge, Criminologist, Lawyer</td>
</tr>
<tr>
<td><strong>Transportation</strong></td>
<td>Aviation &amp; Aerospace, Transportation, Vehicle Maintenance, Service &amp; Repair &amp; Refinishing</td>
<td>Ticket Agent, Pilot, Aviation Engineer</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Service Writer, Parts Runner, Shop Foreman</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Auto Detailer, Glass Installer, Vehicle Restoration</td>
</tr>
</tbody>
</table>
# Opportunities in California Higher Education

## California Community Colleges

**Information:**
- **Number of:** Approximately 116 statewide
- **School Examples:** Fresno City, Reedley, College of the Sequoias (COS), Merced
- **Length:** Two years
- **Course Work:** Career and Job Entry Majors
- **Transfer Credits:** To four year educational institutions
- **Degrees or Certificates:** Vocational Certificates
- **Associate of Science (AS) and Associate of Arts (AA)**
- **Costs:** (Tuition and Books): About $2,500.00 per year

## Admission Requirements
- **Core Subject Requirements:**
  - There are no subject requirements.
- **Grade Point Average (GPA):**
  - There are no minimum GPA requirements
- **Educational Background:**
  - Be at least 18 years old or a high school graduate
- **Assessments:** Placement tests for English and mathematics

## California State University (CSU)

**Information:**
- **Number of:** Twenty-three statewide accepting the top 1/3 of graduates
- **Examples:** CSU Fresno, CSU Bakersfield, CSU Stanislaus, Cal Poly
- **Length:** Four years with graduate programs
- **Course Work:**
  - Pre-professional training, Various Majors
  - Teaching credentials
  - Bachelor of Arts (BA) and Bachelor of Science (BS)
  - Various masters Degrees
- **Costs:** (Tuition of and books) About $8,000 per year

## Admission Requirements
- **Core Subject Requirements:**
  - These requirements are the same as the University of California. See UC core subject requirements
- **Grade Point Average (GPA):**
  - Students must maintain a “C” or better GPA. GPA is combined with SAT 1 scores to determine eligibility
- **Educational Background:**
  - Graduate from high school or hold a valid California High School Proficiency Examination Certificate and meet the subject requirements
- **Assessments:** American College Test (ACT) Scholastic Assessment Test (SAT I: Reasoning)

## University of California (UC)

**Information:**
- **Number of:** Nine (9) undergraduate statewide, accepting the top 12.5% of graduates
- **Schools:** Berkeley, Davis, Irvine, Los Angeles, Merced, Riverside, San Diego, Santa Barbara, Santa Cruz
- **Length:** Four years with graduate and professional programs
- **Course Work:**
  - Pre-professional training
  - Various majors
- **Degrees:**
  - Bachelor of Arts (BA) and Bachelor of Science (BS)
  - Various master’s degrees and doctorate degrees
  - At some universities teaching credentials
- **Costs:** (Tuition and Books): About $14,700 per year

## Admission Requirements
- **Core Subject Requirements:**
  - English (b) – 4 years of college preparatory.
  - Mathematics (c) – 3 years, 4 yrs. recommended
  - Science (d) – 2 years of lab science to include Biology, 3 yrs recommended
  - History/Social Science (a) – 2 yrs to include US and Govt/Economics, Foreign Language (e) – 2 yrs of same language 3 yrs recommended,
  - Visual Performing Arts (f) – 1 year of college preparatory, Electives (g) – 1 yr from one: of the above electives
- **Grade Point Average (GPA):**
  - Maintain a GPA of “C” or better. GPA is combined with test scores to determine eligibility.
- **Educational Background:**
  - Graduate from high school or hold a valid California High School Proficiency Examination Certificate and meet the core subject requirements.
- **Assessments:** American College Test (ACT) Scholastic Assessment Test (SAT I: Reasoning) Scholastic Assessment Test (SAT II: Subject test in math, English composition, and an elective area)

## Private Colleges and Universities

**Information:**
- **Number of:** Approximately 112 statewide
- **Examples:** Fresno Pacific University, University of Southern California (USC), Pepperdine, University of the PACIFIC (UOP), Stanford, Claremont College
- **Length:** Four + years
- **Course Work:** Curriculum, programs, and professional programs vary according to the size or specialty of the college/university
- **Degrees:** At least a BA/BS, but may offer up to a doctorate
- **Cost (Tuition and books):** About $25,000- $65,000 per year.

## Admission Requirements
- **Core Subject Requirements:**
  - Vary by college or university. Usually students have met or exceeded the UC core subject requirements and Assessment requirements
Selma Unified School District High School Educational Plan

Table 1 lists the required credits by content area for a student to graduate from Selma Unified School District and receive a high school diploma. Table 2 provides an example of the course that would satisfy the credit and course requirements for a diploma. There are many class/course options available based upon student and ability for Tables 2 & 4. Your Learning Director can provide you with helpful information.

Table 1

<table>
<thead>
<tr>
<th>Core Subject Area</th>
<th>Credit Requirements for SHS Diploma</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4 years/8 semesters/40 credits</td>
</tr>
<tr>
<td>Mathematics</td>
<td>*2 years/4 semesters/20 credits</td>
</tr>
<tr>
<td>Science</td>
<td>*2 years/4 semesters/20 credits</td>
</tr>
<tr>
<td>History/Social Science</td>
<td>3 years/6 semesters/30 credits</td>
</tr>
<tr>
<td>Visual Performing Arts/</td>
<td>1 year/2 semesters/10 credits</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>Course specific</td>
</tr>
<tr>
<td>Physical Education</td>
<td>2 years/4 semesters/20 credits</td>
</tr>
<tr>
<td>Core Required Credits</td>
<td>140</td>
</tr>
<tr>
<td>Electives</td>
<td>80</td>
</tr>
<tr>
<td>Total Credits needed to</td>
<td>220</td>
</tr>
</tbody>
</table>

*Selma Unified School District Requirement

Note* Students must complete *220 credits with a “D” or better as well as complete the required number of credits for each Core Subject Area. Please note that the above tables apply to the students graduating in the Class of 2022, Class of 2023, and the Class of 2024. Starting with the class of 2025 the graduation requirements are *230 credits and include one additional year of math and one of science.

SUSD’s Educational Plan for Meeting UC/CSU Admission Requirements

Table 3 lists the required credits by subject area for a student to be considered for UC/CSU acceptance and graduate from Selma High School. The fourth table provides an example of the courses that would satisfy the credit and course requirements for admission to CSU/UC and earn a SUSD diploma. When UC credits differ from those of CSU, the credits appear in ( ). “P” means the course must be college preparatory and UC/CSU approved. * Students wishing to be admitted to UC/CSU must complete 220 credits with a “C” or better as well as complete the required number of credits for each core subject.

Table 3

<table>
<thead>
<tr>
<th>Core Subject Area</th>
<th>Credit Requirements for UC/CSU &amp; SUSD Diploma</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4 years/8 semesters/40 credits</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3 years/6 semesters/30 credits</td>
</tr>
<tr>
<td>Science</td>
<td>2 years/4 semesters/20 credits</td>
</tr>
<tr>
<td>History/Social Science</td>
<td>3 years/6 semesters/30 credits</td>
</tr>
<tr>
<td>Visual Performing Arts</td>
<td>1 year/2 semesters/10 credits</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>2 years/4 semesters/20 credits</td>
</tr>
<tr>
<td>Electives</td>
<td>4 years/8 semesters/40 credits</td>
</tr>
<tr>
<td>Physical Education</td>
<td>2 years/4 semesters/20 credits</td>
</tr>
<tr>
<td>Total Credits Needed to</td>
<td>220 credits</td>
</tr>
</tbody>
</table>

4 Year UC/CSU & SUSD HS Graduation Plan

<table>
<thead>
<tr>
<th>Core Subject Area</th>
<th>Credit Requirements for UC/CSU &amp; SUSD Diploma</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4 years/8 semesters/40 credits</td>
</tr>
<tr>
<td>English</td>
<td>2 years/4 semesters/20 credits</td>
</tr>
<tr>
<td>Int. Math 1P</td>
<td>3rd yr Math P recommended</td>
</tr>
<tr>
<td>Biology P</td>
<td>3rd yr science. P recommended</td>
</tr>
<tr>
<td>Visual Performing Arts</td>
<td>3rd yr FL recommended</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>3rd yr FL recommended</td>
</tr>
<tr>
<td>Visual Performing Arts</td>
<td>3rd yr FL recommended</td>
</tr>
<tr>
<td>Physical Education</td>
<td>2 years/4 semesters/20 credits</td>
</tr>
<tr>
<td>Electives</td>
<td>4 years/8 semesters/40 credits</td>
</tr>
<tr>
<td>Total Credits Needed to</td>
<td>220 credits</td>
</tr>
</tbody>
</table>

Example of a 4 year UC/CSU & SUSD HS Graduation Plan

<table>
<thead>
<tr>
<th>Grade 9</th>
<th>Grade 10</th>
<th>Grade 11</th>
<th>Grade 12</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 1P</td>
<td>English 2P</td>
<td>English 3P</td>
<td>English 4P</td>
<td>40</td>
</tr>
<tr>
<td>Int. Math 1P</td>
<td>Int. Math 2 P</td>
<td>Int. Math 3P</td>
<td>4th yr Math P recommended</td>
<td>30</td>
</tr>
<tr>
<td>Biology P</td>
<td>Chemistry P</td>
<td>3rd yr science. P recommended</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>World History P</td>
<td>US History P</td>
<td>Govt. P/ Economics P</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>Foreign Language</td>
<td>Foreign Language</td>
<td>3rd yr FL recommended</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>Visual Performing Arts</td>
<td>Visual Performing Arts</td>
<td>(10 credits)</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>FL, VPA, or 3rd yr Math or Science. (10 credits)</td>
<td>Core required</td>
<td>140</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Co-Ed PE 9</th>
<th>Co-Ed PE 10</th>
<th>Electives are spaced over the 4 years</th>
<th>Total Possible Credits</th>
<th>220</th>
</tr>
</thead>
</table>

* Note: UC and CSU are selective P courses.
Starting with the class of 2025, the graduation requirements are *230 credits and include one additional year of math and one additional year of science.

### Table 5
Selma High School Diploma Requirements

<table>
<thead>
<tr>
<th>Core Subject Area</th>
<th>Credit Requirements for SHS Diploma</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4 years/8 semesters/40 credits</td>
</tr>
<tr>
<td>Mathematics</td>
<td>*3 years/6 semesters/30 credits</td>
</tr>
<tr>
<td></td>
<td>Includes Int. Math 1P</td>
</tr>
<tr>
<td>Science</td>
<td>*3 years/6 semesters/30 credits</td>
</tr>
<tr>
<td></td>
<td>Includes Life and Physical</td>
</tr>
<tr>
<td>History/Social Science</td>
<td>3 years/6 semesters/30 credits</td>
</tr>
<tr>
<td>Visual Performing Arts / Foreign Language</td>
<td>1 year/2 semesters/10 credits</td>
</tr>
<tr>
<td></td>
<td>Course specific</td>
</tr>
<tr>
<td>Physical Education</td>
<td>2 years/4 semesters/20 credits</td>
</tr>
<tr>
<td>Core Required Credits</td>
<td>160</td>
</tr>
<tr>
<td>Total Credits needed to graduate</td>
<td>*230</td>
</tr>
</tbody>
</table>

### Table 6
Example of a SUSD High School Graduation Plan

<table>
<thead>
<tr>
<th>Grade 9</th>
<th>Grade 10</th>
<th>Grade 11</th>
<th>Grade 12</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 1P</td>
<td>English 2P</td>
<td>English 3P</td>
<td>English 4P</td>
<td>40</td>
</tr>
<tr>
<td>Int. Math 1P</td>
<td>Int. Math 2P</td>
<td>Int. Math 3P</td>
<td></td>
<td>30</td>
</tr>
<tr>
<td>Life Science</td>
<td>Physical Science</td>
<td>3rd year science</td>
<td></td>
<td>30</td>
</tr>
<tr>
<td>World History P</td>
<td>US History P</td>
<td>Govt. P/ Economics</td>
<td></td>
<td>30</td>
</tr>
<tr>
<td>Foreign Language or Visual Performing Arts (10 credits)</td>
<td></td>
<td></td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>Co-Ed PE 9</td>
<td>Co-Ed PE 10</td>
<td></td>
<td></td>
<td>20</td>
</tr>
<tr>
<td>Electives are spaced over the 4 years</td>
<td></td>
<td></td>
<td></td>
<td>70</td>
</tr>
<tr>
<td>Total Credits Required *</td>
<td></td>
<td></td>
<td></td>
<td>*230</td>
</tr>
</tbody>
</table>
High School is the chance for you to explore your areas of academic and co-curricular interests. This planning guide is provided for you to begin looking at academic courses that you want to know something about, as well as to show you the required classes for four years at a glance. Selma High School knows that as you grow and expand your knowledge base, your areas of interest may change. Therefore, a new planning guide will be provided for you each year, so you can adjust the courses you wish to explore. Selma High School students should consult with their Learning Director when selecting courses.

### Grade 9

<table>
<thead>
<tr>
<th>Core Subject</th>
<th>Course Title</th>
<th>Core Subject</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 1P</td>
<td></td>
<td>English 2P</td>
<td></td>
</tr>
<tr>
<td>Mathematics (Int. Math 1P)</td>
<td></td>
<td>Mathematics (Int. Math 2P)</td>
<td></td>
</tr>
<tr>
<td>Coed PE 9</td>
<td></td>
<td>Coed PE 10-12</td>
<td></td>
</tr>
<tr>
<td>Science</td>
<td></td>
<td>Science</td>
<td></td>
</tr>
<tr>
<td>Elective: Art/Foreign Lang.</td>
<td></td>
<td>World History P</td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td></td>
<td>Elective /2nd yr Art/FL.</td>
<td></td>
</tr>
</tbody>
</table>

### Grade 10

<table>
<thead>
<tr>
<th>Core Subject</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 3P</td>
<td></td>
</tr>
<tr>
<td>Elective Mathematics</td>
<td></td>
</tr>
<tr>
<td>US History P</td>
<td></td>
</tr>
<tr>
<td>Elective Science</td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Core Subject</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elective</td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td></td>
</tr>
</tbody>
</table>

### Grade 11

<table>
<thead>
<tr>
<th>Core Subject</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 3P</td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td></td>
</tr>
<tr>
<td>US History P</td>
<td></td>
</tr>
<tr>
<td>Elective Science</td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Core Subject</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elective</td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td></td>
</tr>
</tbody>
</table>

### Grade 12

<table>
<thead>
<tr>
<th>Core Subject</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 4P</td>
<td></td>
</tr>
<tr>
<td>Elective Mathematics</td>
<td></td>
</tr>
<tr>
<td>Govt./Economics P</td>
<td></td>
</tr>
<tr>
<td>Elective Science</td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Core Subject</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elective</td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td></td>
</tr>
</tbody>
</table>

Notes/Comments/Questions

______________________________________________________________________________________________

______________________________________________________________________________________________

______________________________________________________________________________________________

Notes/Comments/Questions

______________________________________________________________________________________________

______________________________________________________________________________________________

______________________________________________________________________________________________

Notes/Comments/Questions
Any course that is underlined receives an extra grade point at UC/CSU.

A – HISTORY/SOCIAL SCIENCE
AP European History
AP Psychology
AP United States Government and Politics
AP United States History
AP World History
Government P
US History P
Honors United States History
World History P

B- ENGLISH
AP English Language and Composition
AP English Literature and Composition
ERWC P
English 1 P
English 1P H
English 2 P
English 2P H
English 3 P
English 4 P

C-MATHEMATICS
(*May only be used for “c” requirement.)
Computer Science Principles
Integrated Math 1P*
Integrated Math 1P Honors*
Integrated Math 2P*
Integrated Math 2P Honors*
Integrated Math 3P*
Integrated Math 3 P Honors*
AP Calculus AB
AP Calculus BC
AP Statistics and Probability
Trigonometry/Pre-Calculus P

D- LABORATORY SCIENCE
Intro to Sustainable Ag P
Sustainable Ag Biology P
Ag Soil & Chemistry P
Anatomy & Physiology P
AP Biology
AP Chemistry
Biology P
Chemistry P
Chemistry Honors P
Environmental Science P
Physics P
Zoology P

E- FOREIGN LANGUAGE
(*May only be used for the “e” requirement.)
AP Spanish Language and Culture
Native Spanish 1 P*
Native Spanish 2 P
Spanish 1 P*
Spanish 2 P
Spanish 3 P

F- VISUAL/PERFORMING ARTS
(*May only be used for the “f” requirement.)
Art Animation P*
Art 1 P*
Art 2 P
Art 3 P
Bass Choir P
Beginning Guitar P
Jazz Band P*
Chamber singers P
Color Guard P
Digital Photography
Digital Design & Marketing
Digital Video Production P
Floral Design 1P*
Introduction to Graphics Design and Multimedia
Marching/Concert Band P*
Percussion Ensemble P
Folklorico Dance 1 P*
Folklorico Dance 2 P
Folklorico Dance 3 P
Theatre Arts 1P
Treble Choir P

G – ELECTIVES
Advanced Digital Animation
Ag Welding
Ag Construction
Ag Engineering & Fabrication
Construction Technology
Criminal Justice
AVID 4P
Economics P
Environmental Science P
Newspaper Production & Journalism P
Psychology P
Veterinary Science P
Urban/Rural Fire Fighting ROP
Aviation ROP
Medical Terminology
Certified Nursing Assistant
College Credit Opportunities

Dual Enrollment Program at Reedley College

Dual Enrollment consists of college classes offered at Selma High School. Students participating in this program will have to complete a Community College application for enrollment at the start of the spring semester. Participating in this program will ease the transition from high school to college and encourage you to keep pursuing post-secondary education. Upon completion of the course the student receives a community college transcript with the grade and the units of the Dual Enrollment course.

The following Dual Enrollment Classes are offered through SHS:

- Intro to Ag Mechanics (MAG 40)
- Ag Welding (MAG 41)
- Ag Fabrication (MAG 44)
- Agriculture and Natural Resources 3 units to Vet Science at Reedley College (ASC 1)
- Digital Design & Marketing- 3 units at Fresno City College
- Entrepreneurship: 3 units FCC (AT 40)
- Floral Design: (EH 37) -2 units at Reedley College
- Introduction to Teaching: 3 units of credit at Reedley College (EDUC 10)
- Introduction to Graphic Design and Multimedia: FCC 3 units (GRC 20A)
- Medical Terminology: 3 units of credit at Reedley College (HIT 10)
- Pre-CNA: 6 units of credit at Reedley College (NAT101)
- Manufacturing, Drafting, and Engineering – CAD: 3 units of credit at Fresno City College (CADD14)
- Construction Technology: 3 units of credit each at Reedley College (CONS50A and/or CONS50B)
- Art Animation (GRC 24)- 3 units at Fresno City College
- Urban/Rural Firefighting (FIRET 1)- 3 units at Fresno City College

The following courses are Dual Enrollment Classes which are off-campus:

- Aviation Maintenance Technology and Flight Training: 7 units of credit at Reedley College (FLIGHT 101- FLIGHT 102-FLIGHT 103 FLIGHT 104)
- Engineering Technician: ___ units of credit at Reedley College
- Wildland Firefighting: 5.5 units of credit at Reedley College (NR 5, NR8, NR 110, and NR 133)

High School Enrichment Program @ Fresno City & Reedley College

Under the High School Enrichment Program, all Selma High Junior and Senior students who have a qualifying GPA of 2.50 or better (GPA computed on all courses taken except PE and military science) may enroll as special part time students at Fresno City College or Reedley College. These students will be treated as new regular students and will be given a permit to register upon approval of their application for admission into the program. Applications should be made in the late Spring for the next Fall semester and in the late Fall for the next Spring semester. The student is subject to the current college fees.

Uni-Track Program @ CSU Fresno

The AP US Government and Politics, and Honors US History classes at SHS are Uni-Track classes. Students who successfully complete a Uni-Track course will receive 3 units of credit at CSU Fresno. Students pay only a $40.00 registration fee to receive Uni-Track credits. Students must complete both semesters and earn a “C” or higher to receive college credit. After receiving credit, students have the option of completing a transcript request with CSU, Fresno.

- **AP US Government and Politics:** 3 units of credit in PLS12
- **Honors US History:** 3 units of credit in HIST 12
AGRICULTURE & NATURAL RESOURCES

Intro to Sustainable Agriculture (P)
GRADE LEVEL 9 #6500
PREREQUISITE: Students must have completed or currently enrolled in Math 1P.
One-year course, 10 credits; RC, ASC 1, 3 credits
*This course meets the CSU and UC A-G entrance requirements.

Sustainable Agriculture Biology (P)
GRADE LEVEL: 10 #6505
PREREQUISITE: Students must have completed Math 1P and Intro to Sustainable Ag with a grade of "C" or higher. Students must have completed or be concurrently enrolled in Math2P.
One-year course, 10 credits
*This course meets the CSU and UC A-G entrance requirements.

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

AG CONSTRUCTION® #8023
GRADE LEVEL 11-12
PREREQUISITE: Ag Welding.
One-year course, 10 credits.
This course offers students the opportunity to acquire advanced skills in agriculture construction using skills already gained. Students will work with MIG and TIG and work with special metals like aluminum and stainless steel. FFA is an important part of the class.

AG ENGINEERING & FABRICATION®
GRADE LEVEL 11-12 #8028
PREREQUISITE: V.R.O.P. AG Construction
One-year course, 10 credits; RC MAG 44, 3 credits
This course is designed to meet the needs of the student who wishes to acquire advanced skills in agriculture mechanics. The student will complete an advanced project of his or her choice. Projects will be adjusted according to ability (Ag farm projects or projects for local farmers). FFA is an important part of the class.

AG MECHANICS WELDING 1®
GRADE LEVEL 9-10 #8140
PREREQUISITE: None.
One-year course, 10 credits; RC, MAG 40, 3 credits
This course is designed to provide students with basic modern Ag shop skills. Students will receive basic instruction in shop safety, tool identification, tool sharpening, concrete, electricity and plumbing, introduction to arc welding, and oxyacetylene welding. FFA is an important part of the class.

AG MECHANICS WELDING 2®
GRADE LEVEL 10-12 #8142
PREREQUISITE: AG Mechanics Welding 1 One-year course, 10 credits; RC, MAG 41, 3 credits.
Students will use advanced skills in electricity, wood, plumbing, and concrete work. Students will advance to more advanced welding out of position in SMAW and GMAW steel. Students will also have to complete three small projects and one project on the Ag Farm for a local farmer or the student’s family. FFA is an important part of the class.

AG SOIL & CHEMISTRY (P)
GRADE LEVEL: 11-12 #8136
PREREQUISITE: Completion of Sustainable Ag Biology (P) & Integrated Math 1P with a grade of “C” or higher and/or Agriculture teacher recommendation. Students must be concurrently enrolled in Integrated Math 2P or higher math.
One-year course, 10 credits
*This course meets the CSU and UC A-G entrance requirements.

Sustainable Agriculture is a one year course designed to integrate biological science practices and knowledge into the practice of sustainable agriculture. The course will include a basic study of Plant Science, Animal Science, and Earth and Environmental Sciences. This course will focus on the functions, interactions and the importance of plants, animals, and the earth’s processes and natural resources. The course includes instruction in the scientific method, laboratory techniques and practices, and employability skills required of technicians in the fields of science and agriculture.

FLORAL DESIGN 1P®
GRADE LEVEL 9-12 #8130
*This course meets the CSU and UC A-G entrance requirements.
PREREQUISITE: None.
**Note: This course is only open to freshmen students enrolled in one or both Intro to Sustainable Ag or agriculture mechanics.
One-year course, 10 credits; RC, EH 37, 3 credits
Students will explore elements and principles of design, two or three dimensional designs, history of floral art, arrangement styles and techniques, seasonal, holiday and occasional designs. Students will achieve this through creating, designing, identifying, explaining, and evaluating floral topics. Students will learn how to be profitable, operate spreadsheets, and shop for the best deals in materials. Students are expected to participate in FFA activities or events through this class.

FLORAL DESIGN 2®
GRADE LEVEL 10-12 #8132
PREREQUISITE: Floral Design 1P
One-year course, 10 credits
This course is designed for students who are interested in the advancement of pursuing a career in floral design; such as wedding designer, party coordinator, high-style designer, balloon designer, production designer, and many other related fields. Instruction includes the basic design skills used in everyday floral shops to elite designs, styles and weddings. Students will be responsible for setting up a floral business that will serve the school and local community demands.

FLORAL DESIGN 3®
GRADE LEVEL 11-12 #8134
PREREQUISITE: Floral Design 2
One-year course, 10 credits
This course is designed for students who are interested in the advancement of pursuing a career in floral design such as: wedding designer, party coordinator, high-style designer, balloon designer, production designer and many other related floral fields. Instruction includes the basic design skills used in everyday floral shops to elite designs, styles and weddings. Students will be responsible for setting up a floral business that will serve the school and local community.

VETERINARY SCIENCE P®
GRADE LEVEL 11-12 #8010
PREREQUISITE: Intro to Sustainable Ag and Sustainable Ag Bio P
One-year course, 10 credits
*This course meets the CSU and UC A-G entrance requirements.
This course is designed for students wishing to acquire more advanced knowledge in veterinary science and advanced animal science. Instruction includes: Animal health, animal anatomy and physiology, reproductive physiology in beef, sheep, and swine along with minor veterinary practices in these species. All units of instruction will include directed lab activities with emphasis on practical skills related to farm animals. All students will be required to keep project record-books and maintain a Supervised Occupational Experience Project (SOEP).

ARTS, MEDIA & ENTERTAINMENT

ADVANCED DIGITAL PHOTOGRAPHY®
GRADE LEVEL 11-12 # 8058
PREREQUISITE: Digital Photography.
One-year course, 10 credits.
This course is available to students who have already completed two semesters of Digital Photography. The course is designed to further the training and knowledge needed to enter the photographic field or to continue advanced photographic training at a community college or trade school through the use of digital cameras, Photoshop image editing software, printers and computers. With the completion and evaluation of numerous independent lab projects, students work directly with school and community based publications (newspaper, yearbook, newsletters, clubs, organizations) producing photography and graphic imagery, exhibitions, competitions and presentations at an advanced level. Students are also expected to assist in the operation and maintenance of the digital lab and assisting beginning digital photography students. Leadership and managing skills are emphasized.

ART 1 (P)
GRADE LEVEL 9-12 #6005
PREREQUISITE: None. One-year course, 10 credits
*This course meets the CSU and UC A-G entrance requirements.
This course will provide a broad foundation in art based on the “Visual and Performing Arts Framework for California Public Schools.” Beginning with basic drawing skills, the student will be introduced to the elements of art and principles of design using the mediums of pencil, pen and ink, charcoal, crayons, and colored pencils.

ART 2 (P)
GRADE LEVEL 10-12 #6010
PREREQUISITE: Grade “A” or “B” in Art 1P

*This course meets the CSU and UC A-G entrance requirements.
One-year course, 10 credits
An extension of Art 1P, this class emphasizes drawing, painting, and design, taught through the use of pencil, pen and ink, markers, soft pastels, printmaking, watercolor, tempera and acrylic paint. Projects will include drawing from different perspectives, portrait drawing, illustration, collage, printmaking, and sculpture. Multicultural and historical styles are studied and utilized. Individual creative talents and ideas are encouraged and developed. Sculpture projects are taught through the use of paper, cardboard, and/or wire.

ART 3 (P)
GRADE LEVEL 11-12 #6015
PREREQUISITE: Grade of “A” or “B” in Art 2P
One-year course, 10 credits
*This course meets the CSU and UC A-G entrance requirements.
This course is available to students who have already completed two semesters of Digital Photography. The course is designed for students wishing to acquire more advanced knowledge in veterinary science and advanced animal science. Instruction includes: Animal health, animal anatomy and physiology, reproductive physiology in beef, sheep, and swine along with minor veterinary practices in these species. All units of instruction will include directed lab activities with emphasis on practical skills related to farm animals. All students will be required to keep project record-books and maintain a Supervised Occupational Experience Project (SOEP).
printmaking, photographic fundamentals and design, portrait retouching, photo materials and accessories. Students additionally produce photographs for school and community publications, activities, and exhibits, presentations.

DIGITAL VIDEO PRODUCTION®
GRADE LEVEL 10-12 #8040
PREREQUISITE: None.
One-year course, 10 credits

*This course meets the CSU and UC A-G entrance requirements.

Students will learn the specialized vocabulary of the film and television industry and develop communication and design to express themselves clearly and concisely in their production of film, video, and television segments. Students throughout the course will develop ideas individually or within groups, research subject content, script, propose and produce. They will write, create live newscasts and television shows in a variety of formats, and create and produce documentaries. They will study the art and history of film-making and the creative process that precedes film and television production. Student will study the impact of film and television on society and community from a social, economic, and political viewpoint as well as the reverse impact. A variety of film will be previewed by students in class and analyzed according to historical and cultural aspects, and critiqued based on design and technological attributes. The focus of study is on the creative parts of film and how film is created and produced. Students will create a digital portfolio as a final project.

INTRODUCTION TO GRAPHIC DESIGN AND MULTIMEDIA®
GRADE LEVEL 9-12 #8060
PREREQUISITE: None.
One-year course, 10 credits
Dual enrollment: FCC, (GRC 20A), 3 units,

Students develop a foundation in Illustration and Design skills using a variety of drawing media, including graphite, charcoal, pastels, pen and ink, and digital arts related software. Some further exploration of media will take place near the end of the course. Students will create a variety of advertisements, commercials, print layouts, CD covers, business cards, T-shirts and Web pages using traditional means and digital programs found on Adobe Creative Suite.

FLORAL DESIGN 1
VIDEO PRODUCTION ADV®
GRADE LEVEL 11-12 #8052
PREREQUISITE: Digital Video Production
One-year course, 10 credits

This course is structured to provide students with entry level knowledge of multimedia production techniques, to prepare for real-world vocational opportunities. Topics of study will include: Sound Characteristics, Sound Console Layout, Audio Recording Machines, microphone design, speaker design, basic lighting, camera operation & composition, Video Recording Machines & techniques, editing and commercial production for advertising. This course will also focus on producing various hands on projects throughout the year that will give practical application to what is being taught.

ART-VISUAL/PERFORMING ARTS
BASS CHOIR

GRADE LEVEL 9-12 #7015

CHAMBER SINGERS P

GRADE LEVEL 9-12 #7015

*This course meets the CSU and UC A-G entrance requirements.

One-year course, 10 credits; RC, EH 37, 3 credits

**Note: This course is only open to freshmen students enrolled in one or both Intro to Sustainable Ag science or agriculture mechanics.

Students will explore elements and principles of design, two or three dimensional designs, history of floral art, arrangement styles and techniques, seasonal, holiday and occasional designs. Students will achieve this through creating, designing, identifying, explaining, and evaluating floral topics. Students will learn how to be profitable, operate spreadsheets, and shop for the best deals in materials. Students are expected to participate in FFA activities or events through this class.

FLORAL DESIGN 2®
GRADE LEVEL 10-12 #8132
PREREQUISITE: Floral Design 1P;
One-year course, 10 credits

The course is designed to expose students to the floriculture industry on a more technical and advanced level. This course will address the following topics: 1) importance of the floriculture industry; 2) floral crops and their characteristics; 3) tools and equipment; 4) care and management of floral crops; 5) principles and elements of design; 6) seasonal, holiday, and occasional design; 7) plant propagation; 8) wedding and high style design; and 9) merchandising and marketing of designs and arrangements. Students will develop leadership skills through FFA, maintain a Supervised Occupational Experience Program and keep a California FFA record book.

FLORAL DESIGN 3®
GRADE LEVEL 11-12 #8134
PREREQUISITE: Floral Design 2
One-year course, 10 credits

This course is designed for students who are interested in the advancement of pursuing a career in floral design such as: wedding designer, party coordinator, high-style designer, balloon designer, production designer and many other related floral fields. Instruction includes the basic design skills used in everyday floral shops to elite designs, styles and weddings. Students will be responsible for setting up a floral business that will serve the school and local community.

GRADE LEVEL 9-12 #701

PREREQUISITE: None. One-year course, 10 credits
Open to all students regardless of experience, Bass Choir is a place to explore and expand a singer’s musical abilities. This course focuses on vocal foundations and music fundamentals for singers in the bass ranges (bass, baritone, tenor and countertenor), with the goal of becoming more comfortable in our signing voice and gaining the skills necessary to think and speak like a musician. Field trips and concerts which occur outside of the school day are required as a part of this class.
This course meets the UC and CSU A-G entrance requirements.
PREREQUISITE: Open by audition only to the top 3-5 singers of each voice type. Advanced Choir is a place to explore advanced literature in a highly collaborative environment. Performance of new works, collaborations with local colleges, and a large variety of competitive and noncompetitive performance opportunities expand technique and knowledge. This course focuses on building technique and fundamentals, with the goal of expanding our voices and musicianship. Field trips, fundraisers, concerts and at least one multi-night national competition are required as a part of this class.

**FIELD SHOW BAND**
GRADE LEVEL 9-12 #7016
PREREQUISITE: None. One-year course, 10 credits
Open to all students regardless of experience, Treble Choir is a place to explore and expand a singer’s musical abilities. This course focuses on vocal foundations and music fundamentals for singers in the treble ranges (countertenor, alto, and soprano), with the goal of becoming more comfortable in our singing voice and gaining the skills necessary to think and speak like a musician. Field trips and concerts, which occur outside of the school day are required as a part of this class.

**BEGINNING GUITAR**
GRADE LEVEL 9-12 #7029
PREREQUISITE: Must be a beginner. One-year course, 10 credits which qualifies for (10) Fine Arts A-G credits.
This is an entry-level course. In this class students will learn to read tablature and standard notation. Students will also learn to play the guitar as a beginner and care for music and equipment. This course is for any SHS student who wishes to learn the guitar from the ground up. Students in this class may be required to perform for their classmates and community as part of their coursework.

**COLOR GUARD P**
GRADE LEVEL 9-12 #7038
PREREQUISITE: By audition or Director’s approval. One-year course, 10 credits and qualifies for five (5) Fine Arts A-G credits. Students will study dance, equipment work, and body movement. Students will study and perform as a soloist, ensemble performer, and as an attachment of the parade and field show bands. This class also attends competitions and festivals throughout the year for adjudication purposes. This class has required rehearsals and performances that occur during and after school hours and on weekends.

**FIELD SHOW BAND**
GRADE LEVEL 9-12 #7020 FALL (Semester-Long Class)
PREREQUISITE: By audition or Director’s approval. Must have one year of high school band/color guard or at least one year of middle school marching band/winter percussion/colorguard
Co-requisite: Must be concurrently enrolled in at least one other instrumental or vocal music class
*Qualifies for five (5) PE Credits
Field Show Band is an advanced marching band course in which students learn and apply knowledge of music, marching, dance, and artistic interpretation to perform a field show. Traveling and after school rehearsals are a part of this class and a requirement for participation. Students will be engaged in the building of challenging skill sets and will learn how to push their personal barriers. The goal is that students leave with an appreciation of the marching arts and higher self-esteem.

**JAZZ BAND P**
GRADE LEVEL 9-12 #7031
This course meets the CSU and UC A-G entrance requirements.
PREREQUISITE: By audition or Director’s approval. One-year course, and qualifies for ten (10) Fine Arts A-G (F) credits. Students will study music theory and jazz history in order to obtain a broad background in the jazz idiom. Students will perform various styles of jazz and pop music throughout the year and attend several festivals for adjudication purposes and exposure to other jazz ensembles. This class has required rehearsals and performances that occur during and after school hours and on weekends.

**MARCHING BAND/CONCERT BAND (P)**
GRADE LEVEL 9-12 #7025/7024
PREREQUISITE: By audition or Director’s approval. One-year course. *Qualifies for five (5) Fine Arts A-G (F) credits.
*Qualifies for five (5) PE Credits
This course is taken as one, but is technically two separate courses. This course is open to all students interested in performing in large ensembles. The curriculum includes one semester of Marching Band(Fall) and one semester of Concert Band(Spring) Emphasis is placed on obtaining and developing musical skills and knowledge. This class has required rehearsals and performances that occur during and after school hours and on weekends.

**PERCUSSION ENSEMBLE**
GRADE LEVEL 9-12 #7039
PREREQUISITE: By audition or Director’s approval. One-year course, 10 credits and qualifies for five (5) Fine Arts A-G (F) credits. Also qualifies for five (5) PE credits. Students will study music theory and jazz history in order to obtain a broad background in the jazz idiom. Students will perform various styles of jazz and pop music throughout the year and attend several festivals for adjudication purposes and exposure to other jazz ensembles. This class has required rehearsals and performances that occur during and after school hours and on weekends.

**FOLKLORICO DANCE 1P ®**
GRADE LEVEL 9-12 #7046
PREREQUISITE: None.
*This course meets the CSU and UC A-G requirements.
One-year course, 10 credits
History and origin of Mexican dance, from the pre-Columbian era through the arrival of the Spaniards.
Students will gain knowledge of the form, function, and symbolism of the music, musical instruments, movements, and choreography in Mexican Dance. Dances practiced and performed at the beginning level. Students gain hands-on experience through concurrent dance instruction and/or formal and informal performances in front of audiences at local community theatres and/or other professional performing arts venues.

**FOLKLORICO DANCE 2P ®**
GRADE LEVEL 10-12 #7047
PREREQUISITE: Completion of Folklorico Dance 1P and/or by audition. One-year course, 10 credits
This course introduces intermediate and advanced dancers to
dance styles in specific regions of Mexico. The class will learn
choreography in all dance styles while building technique.
Dancers will be trained in how to audition for both commercial
and concert Dance Company auditions. Students gain hands-
on experience through concurrent dance instruction and/or
formal and informal performances in front of audiences at
local community theatres and/or other professional performing
arts venues.

FOLKLORICO DANCE 3P  
GRADE LEVEL 10-12 #7048
PREREQUISITE: Completion of Folklorico Dance 2P and/or
by audition.
One- year course, 10 credits
This course introduces intermediate and advanced dancers to
dance styles in specific regions of Mexico. The class will learn
choreography in all dance styles while building technique.
Dancers will be trained in how to audition for both commercial
and concert Dance Company auditions. Students gain hands-
on experience through concurrent dance instruction and/or
formal and informal performances in front of audiences at
local community theatres and/or other professional performing
arts venues.

THEATRE ARTS 1P  
GRADE LEVEL 9-12 #1135
PREREQUISITE: None
Theatre Arts 1 offers a variety of artistic processes including
acting, stage design, technical design, costumes and
properties, and production. Students in this course will
complete a variety of assessments such as research projects,
performance art, page to screen analysis, and creative theatre
element projects. This course is designed to allow students to
implement their own artistic literacy by learning theatre skills
at a basic level to an in-depth level through the course of the
year.

BUILDING TRADES AND CONSTRUCTION SHOP MANAGER®  
GRADE LEVEL 11-12 #8146
PREREQUISITE: Construction Technology.
This advanced one year course builds on students’ shop skills,
tools and machine knowledge by providing them the
opportunity to keep tool/part/consumable inventories, repair,
adjust, and renew machinery and tools, and give students the
chance to work as a team leader in the Construction Course,
built jigs, small equipment, and install facility upgrades in a
shop management internship.

CONSTRUCTION TECHNOLOGY Interior & Exterior®  
GRADE LEVEL 11-12 #8025
Dual Enrollment: CONS50A and/or CONS50B – 3 units each
at FCC
PREREQUISITE: Introduction to Manufacturing and
Engineering, Manufacturing, Drafting and Engineering, and
must pass CAD with a “C or better.
This year- long course prepares students for the competency
skills and knowledge necessary to enter the field of residential
and light commercial construction. This year course provides
student application at all of the various areas of construction,
technology, wood products manufacturing, and interior
building construction and will have an emphasis on finish
carpentry. Included in the instruction will be specific
applications of the career performance standards.

INTRODUCTION TO MANUFACTURING AND ENGINEERING®  
GRADE LEVEL 9-12 #9206
Dual Enrollment: FCC (AT 21), 2 units
In the Introduction of Manufacturing and Engineering Design
class, students will learn through hands-on
projects, the design process and its application on industrial
manufacturing. Students use industry standard 2D and 3D
modeling software to help them design solutions to solve
proposed problems. It provides essential information that
builds a strong foundation for the entire program. Topics
include safety, manufacturing materials, manufacturing
processes, and manufacturing systems, tool usage and
manufacturing processes. Field trips are an integral part of the
course experience.

MANUFACTURING, DRAFTING AND ENGINEERING
CADD P®  
GRADE LEVEL 10-12 #8144
PREREQUISITE: Introduction to Manufacturing and
Engineering. One-year course, 10 credits
Dual enrollment: Fresno City College (CADD14), 3 units.
This is a beginning course that introduces students to the
basics of computer drafting. Students will become familiar
with AutoCAD, SolidWorks, and other drafting software
programs that will assist them in making all types of drawings
used in the industry. Students will also have the opportunity to
work with programming and building small, mobile robotics
technology. Students will learn AC/DC electrical circuits,
pneumatics, and CNC Machines. All projects encourage
teamwork, leadership, and problem solving. Students will also
have an introduction to Computer Aided Machining for CAD
Users.

AG CONSTRUCTION®  
GRADE LEVEL 11-12 # 8023
PREREQUISITE: Ag Welding. One-year course, 10 credits
This course offers the opportunity to acquire advances
skills in agriculture construction using skills already gained.
Students will work with MIG and TIG and work with special
materials like aluminum and stainless steel. FFA is an
important part of the class.

BUSINESS AND FINANCE
DIGITAL DESIGN AND MARKETING  
GRADE LEVEL 9-12 #8030
PREREQUISITE: None
Dual enrollment: FCC (AT 10), 3 Units
This course meets the CSU and UC A-G entrance
requirements for (F) Visual Arts.
This course meets the CSU and UC A-G entrance requirements.
This project-based class is designed to expose students to various
computer applications that they will encounter in both the
workforce and academic settings. This class focuses on current
topics in business and marketing including the 4 P’s: Product,
Price, Place & Promotion. Students will learn the principles of
great design and typography while using Adobe Photoshop and
Illustrator to create various projects. This is a great introductory
course for the Marketing and Entrepreneurship, Multimedia and
Construction pathways.

BEAR PRINTS  
GRADE LEVEL 11-12
PREREQUISITE: Must pass Entrepreneurship or Sports and Entertainment Marketing with a C or better.

*This course meets the CSU and UC A-G entrance requirements. Bear Prints takes students through the process of developing and operating a heat press garment shop. Students will learn the various responsibilities of running a garment business, from the design process to delivery of the end product to the customer. Students will also utilize marketing knowledge from previous concentrator courses to promote the business and products to our school and community! Once this course is completed, students will be a Marketing and Entrepreneurship pathway completer.

SPORTS AND ENTERTAINMENT & MARKETING P®
GRADE LEVEL 9-12 # 8070
PREREQUISITE: None

*This course meets the CSU and UC A-G entrance requirements.

The Multi-Media Marketing is a dynamic course using both creative and advertising systems processes and their practical applications. Students will learn how to effectively communicate with clients to discover project requirements, identify existing and new customers using traditional marketing such as “Print and display output” techniques and new channels for communicating with digital “Multi-Media” and “Social Media” tools. Students will apply their skills in teams that collaborate with school programs and the local business community to produce and develop effective Marketing campaigns projects and presentations using industry standard tools.

ENTREPRENEURSHIP P®
GRADE LEVEL 10-12 # 8160
PREREQUISITE: Sports Entertainment & Marketing
Dual Enrollment: FCC 3 Units (AT40)

*This course meets the CSU and UC A-G entrance requirements.

Entrepreneurship is a simulated business that is set up and run by students to prepare them for working in a real business environment. Students learn about Economics--micro and macro—and its relationship to and impact on business operations in the private enterprise system. The students study supply and demand, the Federal Reserve System, taxation by local, state, and federal governments, business organizations, the stock market, and international transactions. The students determine the nature of their business, its products and services, its management and structure, and learn the daily operations of a business under the guidance of a consultant with the support of a real business partner. They use current business software packages and the Internet for business transactions using Economics as a factor in decision making.

DANCE-VISUAL/PERFORMING ARTS

FOLKLORICO DANCE 1 P®
GRADE LEVEL 9-12 #7046
PREREQUISITE: None.

*This course meets the CSU and UC A-G requirements.

One-year course, 10 credits
History and origin of Mexican dance, from the pre-Columbian era through the arrival of the Spaniards. Students will gain knowledge of the form, function, and symbolism of the music, musical instruments, movements, and choreography in Mexican Dance. Dances practiced and performed at the beginning level. Students gain hands-on experience through concurrent dance instruction and/or formal and informal performances in front of audiences at local community theatres and/or other professional performing arts venues.

FOLKLORICO DANCE 2 P®
GRADE LEVEL 10-12 #7047
PREREQUISITE: Completion of Folklorico Dance 1P and/or by audition.
One-year course, 10 credits
This course introduces intermediate and advanced dancers to dance styles in specific regions of Mexico. The class will learn choreography in all dance styles while building technique. Dancers will be trained in how to audition for both commercial and concert Dance Company auditions. Students gain hands-on experience through concurrent dance instruction and/or formal and informal performances in front of audiences at local community theatres and/or other professional performing arts venues.

FOLKLORICO DANCE 3 P®
GRADE LEVEL 10-12 #7048
PREREQUISITE: Completion of Folklorico Dance 2P and/or by audition.
One-year course, 10 credits
This course introduces intermediate and advanced dancers to dance styles in specific regions of Mexico. The class will learn choreography in all dance styles while building technique. Dancers will be trained in how to audition for both commercial and concert Dance Company auditions. Students gain hands-on experience through concurrent dance instruction and/or formal and informal performances in front of audiences at local community theatres and/or other professional performing arts venues.

EDUCATION, CHILD DEVELOPMENT AND FAMILY SERVICES

INTRODUCTION TO TEACHING®
GRADE LEVEL 11-12 #8018
PREREQUISITE: Open to juniors and seniors with a 2.75 GPA or better, teacher/Learning Director approval.
Dual enrollment: Reedley College, (EDUC 10), 3 units.
One-year course, 10 credits at SHS. Introduction to Teaching is a 360-hour course that focuses on the nature and scope of the school system, duties, and opportunities of the professional teacher; factors relative to success in teaching; and credentialing requirements. It requires observations of teacher-pupil interaction, instructional approaches, classroom management in elementary, secondary, and/or middle schools. Students will study education and the issues surrounding the past, present, and future of educational institutions. Students may interview and shadow principals, teachers, custodial staff, or food service personnel. They are assigned positions in the grade level or specialty area of their choice. They observe and then work in small groups with the children under the guidance of the classroom teacher. Students will research what further education is required to reach their professional goals and calculate courses and finances needed. The California Language Arts Standards for Grade 12 are integrated into this curriculum.

ENGINEERING & DESIGN

INTRODUCTION TO MANUFACTURING AND ENGINEERING®
GRADE LEVEL 9-10 #9206

22
PREREQUISITE: None. One-year course, 10 credits.
Dual enrollment: FCC, (AT 21), 2 units.

Students will learn through hands-on projects, the design process and its application on industrial manufacturing. Students use industry standard 2D and 3D modeling software to help them design solutions to solve proposed problems. It provides essential information that builds a strong foundation for the entire program. The course will also introduce concepts of robotics, covering everything from simple toys to more complex logic, automated design and manufacturing machines.

MANUFACTURING, DRAFTING AND ENGINEERING CADD P®
GRADE LEVEL 10-12 #8144
PREREQUISITE: Pass Introduction to Manufacturing and Engineering with a grade of “C” or better.
One-year course, 10 credits.
Dual enrollment: Fresno City College, (CADD14), 3 units.
This is a beginning-drafting course that introduces students to the basics of computer drafting. Students will become familiar with AutoCAD, Solid Works, and other drafting software programs that will assist them in making all types of drawings used in the industry. All projects encourage teamwork, leadership, and problem solving. Students will also have an introduction to computer aided machining for CAD users.

FOREIGN LANGUAGE

AP SPANISH LANGUAGE AND CULTURE
GRADE LEVEL 11-12 #4027
*This course meets the CSU and UC A-G entrance requirements.
PREREQUISITE: Completion of Native Speaker 2P or Spanish 3P with a grade of “B” or better, permission of the instructor recommended. Students must have completed two full years of Spanish with a grade of “B” or better.
One-year course, 10 credits
This course is a college level class requiring college level reading and writing. Students are required to learn and apply the communication process and grammar with readings, conversation, and audio. Informal and formal writing, Reading and presentations will be practiced in this course. Students prepare short speeches and presentations and persuasive essays as means to prepare for the end of the year exam. In this course, students will study thematic units provided by the AP College Board, covering the following themes: world challenges/ science and technology/ personal and public identities/ families and communities/ beauty and aesthetics. These themes are used to study and analyze the different beliefs and views in the Hispanic culture. The teacher uses Spanish exclusively in class and promotes the use of it in and out of class. Students who are interested in getting college credit take this class.

NATIVE SPANISH 1 P
GRADE LEVEL 9-12 #4045
*This course meets the CSU and UC A-G entrance requirements.
PREREQUISITE: Students must be able to converse, read and write at a basic level in Spanish or permission from instructor.
One-year course, 10 units
This course is designated for students who speak Spanish at home and have oral knowledge of the Spanish language, but have completed little or no formal study of Spanish. Practice and development of essential listening, speaking, reading, and writing skills will be covered. Formal aspects of the language will be stressed including: vocabulary, spelling, grammar, and conversations. Discussion of various topics of interest such as music, family, technology, sports, and foods will take place in the class to increase the quality and richness of the Spanish language. This course will be taught entirely in Spanish. The course consists of lectures, projects, readings, role playing, competitions, videos, movies, research, oral presentations, and written exercises.

NATIVE SPANISH 2 P
GRADE LEVEL 9-12 #4050
*This course meets the CSU and UC A-G entrance requirements.
PREREQUISITE: Grade “C” or better in Native Spanish 1P, or with permission of the instructor. Students must be willing to do homework on a regular basis. One-year course, 10 units
This course is designed for students who speak Spanish at home and need to improve their vocabulary and knowledge of grammar, as well as enhance their spelling and writing skills. The class is conducted entirely in Spanish. It will provide practice and further development and enhancement of Spanish grammar, speaking, listening, reading, and writing, as well as oral presentations on Latino culture and literature. One of the main objectives of this course is to increase and improve fluency, as well as cover an overview of the culture and life of Hispanic countries.

SPANISH 1 P
GRADE LEVEL 9-12 #4010
*This course meets the UC and CSU A-G entrance requirements.
PREREQUISITE: None. One-year course, 10 credits
This class promotes basic reading and writing skills, spelling, vocabulary, and oral communication. It also covers cultural capsules of different Hispanic countries. Students must be willing to give their best effort in completing all assignments.

SPANISH 2 P
GRADE LEVEL 9-12 #4015
*This course meets the UC and CSU A-G entrance requirements.
PREREQUISITE: Grade of “C” or better in Spanish 1P. One-year course, 10 credits
This course includes a reinforcement of grammar and vocabulary with importance placed on speaking, reading, writing, and translation. Cultural aspects and selected elementary readings in Spanish are included. Communication is the major emphasis. Students must be willing to do homework on a regular basis.

SPANISH 3 P
GRADE LEVEL 9-12 #4016
*This course meets the UC and CSU A-G entrance requirements.
PREREQUISITE: Spanish 2 or Native Spanish 2P with a grade of “C” or better.
One-year course, 10 credits
This course is designed to increase students’ understanding of the Spanish speaking world. Emphasis is placed on advanced grammar in written and oral projects. This course exposes students to literature in Spanish.
HEALTH
GRADE LEVEL 9 #5505
PREREQUISITE: None. One semester course, 5 credits
The course focuses on positive health practices emphasizing wellness for optimal health. Topics required by the Comprehensive Health Education Act will be covered. Other topics will focus on areas of concern for this age group. A lab fee will be collected for the American Red Cross unit.

HEALTH SCIENCE & MEDICAL TECHNOLOGY
MEDICAL TERMINOLOGY & FIRST AID AND SAFETY®
GRADE LEVEL 10-12 #8096/8007
PREREQUISITE: None. One-year course, 10 credits
Dual Enrollment: FCC, (HIT 10), 3 units/ (AHLTH 100), 2 units
Students will study the body systems including terms in anatomy, physiology, pathology, diagnostics, symptomatic, therapeutic, and pharmacy terms. The First Aid and Safety class certifies students in the American Red Cross First Aid and Safety. Upon completion of the course, students can be certified in adult, infant, and child CPR, which is valid for one year and First Aid and Safety, which is valid for three years.
MEDICAL OCCUPATIONS
GRADE LEVEL: 9-10
PREREQUISITE: None, Course is year-long
This course introduces students to the diverse occupations in the medical, health, and hospital career areas. Students become familiar with post-secondary educational opportunities and requirements as well as with entry-level occupations. Students will gain knowledge of the health industry, its traditional and nontraditional career paths, medical laws and ethics, meeting clients’ diverse needs, and human growth and development.

SPORTS MEDICINE
GRADE LEVEL 11-12
PREREQUISITE:
*This course meets the CSU and UC A-G entrance requirements.
This health science course introduces students to the field of Sports Medicine and other allied health professions. Basic anatomy and physiology concepts provide the framework of study. Other content areas include prevention of injuries, protective taping and wrapping techniques, stretching methods, overall wellness, injuries, therapeutic modalities, and drug related topics. Students enroll in this one-period theory class during the day and may with instructor permission participate in additional class hours in a community classroom or vocational experience situation for real world training; i.e., as student athletic trainers after school.

CERTIFIED NURSING ASSISTANT (CNA)®
GRADE LEVEL 12 #8008
PREREQUISITE: Students must be Senior status; have an overall GPA of 2.5, and possess a social security number/card or valid Individual Tax ID Number (ITIN). Two-hour block; one-year course, 20 units. Class size limit: 20 students per section.

INDUSTRIAL TECHNOLOGY
SMALL GAS ENGINES
GRADE LEVEL: 9-10
PREREQUISITE:
This course is designed to train students for entry-level jobs in the fast growing industry of small engine repair. Students will demonstrate the ability to repair small engines such as lawn, garden, and small engines used in agriculture and industrial sectors. Emphasis is placed on overhaul, repair, adjustment, troubleshooting, and small shop operation. This course prepares students for the Outdoor Power Equipment certification.

AUTOMOTIVE SERVICE & MAINTENANCE
GRADE LEVEL: 10-12
Prerequisite: Completion of Small Gas Engines with a C or better
This course introduces students to the servicing and maintenance of the automobile. Students will learn by performing maintenance tasks on engines, brakes, suspension, electrical, fuel systems, and more. Students will also be expected to demonstrate safety in an automotive shop environment. Automotive industry standards and certifications will be emphasized. Students who successfully complete this program will be prepared for entry-level positions in the automotive service industry. The valuable skills acquired in this class will help students become more marketable in the Transportation Industry.

SUSPENSION AND STEERING
GRADE LEVEL: 10-12
PREREQUISITE: Completion of Automotive and Small Gas Engines with a C or better
This course introduces students to the servicing and maintenance of the automobile. Students will learn by performing maintenance tasks on engines, brakes, suspension, electrical, fuel systems, and more. Students will also be expected to demonstrate safety in an automotive shop environment. Automotive industry standards and certifications will be emphasized. Students who successfully complete this program will be prepared for entry-level positions in the automotive service industry. The valuable skills acquired in this class will help students become more marketable in the Transportation Industry.

INFORMATION TECHNOLOGY
ART ANIMATION P®
GRADE LEVEL 9-12 #8062
*This course meets the CSU and UC A-G entrance requirements.
PREREQUISITE: None. One-year course, 10 credits, Dual enrollment: FCC (GRC 24), 3 units.
Art Animation uses the computer and graphics software to tell a story through a series of visual images and text on rapidly moving frames. Students will create two-dimensional animations using Flash software and three-dimensional animations using 3D Studio Max. The two dimensional animations are used primarily for designing video games, presentations, and movie special effect. Students will learn to use technology and they will work individual and cooperative storyboarding, communication of plot and character development. Students will learn to communicate a story through animation.

DIGITAL ANIMATION- ADV ®
GRADE LEVEL 11-12 #8054
*This course meets the high school graduation requirements for one year of art.
PREREQUISITE: Art Animation P.
One-year course, 10 credits
Students will generate art through the use of advanced computer techniques and animation projects. They will draw in one and two-point perspective, animate body expression, create texture maps, research related careers, and script simple video games. By the end of the course, students will create a portfolio with examples of their digital work and job search documentation.

DIGITAL VIDEO PRODUCTION ®
GRADE LEVEL 10-12 #8040
*This course meets the CSU and UC A-G entrance requirements.
PREREQUISITE: None. One-year course, 10 credits
Students will learn the specialized vocabulary of the film and television industry and develop communication and design to express themselves clearly and concisely in their production of film, video, and television segments. Students will develop ideas individually or within groups, research subject content, script, propose and produce. They will write and create live newscasts and television shows in a variety of formats. They will create and produce documentaries. They will study the art and history of film-making and the creative process that precedes film and television production. Students will study the impact of film and television on society and community from a social, economic, and political viewpoint as well as the reverse impact. A variety of film will be previewed by students in class and analyzed according to historical and cultural aspects, and critiqued based on design and technological attributes. The focus of study is on the creative parts of film and how film is created and produced. Students will create a digital portfolio as a final project.

INTRODUCTION TO GRAPHIC DESIGN & MULTIMEDIA P®
GRADE LEVEL 9-12 #8060
PREREQUISITE: None. One-year course, 10 credits
Dual enrollment: FCC, (GRC 20A), 3 units.
Students develop a foundation in Illustration and Design skills using a variety of drawing media, including graphite, charcoal, pastels, pen and ink, and digital arts related software. Some further exploration of media will take place near the end of the course. Students will create a variety of advertisements, commercials, print layouts, CD covers, business cards, T-shirts, and Web pages using traditional means and digital programs found on Adobe Creative Suite. Students will participate in several individual and group learning activities that include art history, criticism, and aesthetic perception. Students will develop a portfolio of their work for their final grade.

JOURNALISM/NEWSPAPER P
GRADE LEVEL 9-12 #1115
*This course meets the CSU and UC A-G entrance requirements.
PREREQUISITE: An “A” or “B” in English 1P, 2P, or 3P, recommendation of previous year’s English teacher, submission of writing sample, interview, and permission of instructor. Willingness and ability to sometimes work beyond school hours may be necessary. Typing and computer experience recommended. One-year course, 10 credits
This course offers extensive and closely scrutinized practice in newspaper production and studies in modern journalism. Students will learn about aspects of newspaper production, including research, interviewing, reporting, writing, editing, photography, layout, and advertising. Page layout and digital photography editing are also covered. Students will also create text, photographic, and streaming video content for the Clarion online edition. Other topics include influence of media, history of US journalism, effects of propaganda, journalism ethics, and free speech constitutional cases. Students will produce the monthly school newspaper, The Clarion, and its online counterpart.

JOURNALISM/YEARBOOK
GRADE LEVEL 9-12 #1120
PREREQUISITE: An “A” or “B” in English 1P, 2P, or 3P, and permission of instructor. Willingness and ability to sometimes work beyond school hours when necessary, sell local advertisements; computer, art, and photography experience recommended; minimum 3.0 GPA.
One-year course, 10 credits
The yearbook class produces the Magnet yearbook. Students will market and sell both the yearbook and advertisements. Students will design layouts, photograph school events, participate in public relations and public speaking, and need to function successfully in a small business environment. Students should have a positive classroom attitude, after-school attendance (when necessary), produce effort toward the selling of advertisements, maintain a journalism portfolio, adhere to deadlines, pay attention to detail, be trustworthy, have the ability to maintain the confidentiality of yearbook decisions, be responsible in handling expensive equipment and money, and be creative. Due to early fall deadlines, the class is selected during the spring semester of the previous school year.

VIDEO PRODUCTION ADV ®
GRADE LEVEL 11-12 #8052
PREREQUISITE: Digital Video Production
One-year course, 10 credits;
This course is structured to provide students with entry level knowledge of multimedia production techniques, to prepare for real-world vocational opportunities. Topics of study will include: Sound Characteristics, Sound Console Layout, Audio Recording Machines, microphone design, speaker design, basic lighting, camera operation & composition, Video Recording Machines & techniques, editing and commercial production for advertising. This course will also focus on producing various hands-on projects throughout the year that will give practical application to what is being taught.
AP ENGLISH LANGUAGE AND COMPOSITION
GRADE LEVEL 11 #1112
*This course meets the CSU and UC A-G entrance requirements.
PREREQUISITE: Earned an “A” or “B” grade in English 2P/2H, and English 2P/2H teacher recommendation; or permission of AP instructor; completion of summer reading and writing assignment, due on first day of instruction. Registration for and completion of AP Language & Composition test is mandatory. One-year course, 10 credits
This course is an accelerated course requiring college-level reading, writing, and analysis. The primary focus in this course is on rhetorical strategies and nonfiction works. Students will learn to identify an author’s use of tone, detail, diction, syntax, structure, imagery, and figurative language, while critiquing the effectiveness and purpose of each device within a work. Multiple essays are required with drafts and revisions, often followed by teacher conferences, in addition to various short-answer, extended response, and timed practice AP essay tests. Students are expected to think, speak, and write in a highly critical and analytical manner. A willingness and ability to scrutinize multiple levels of meaning is necessary for a student to succeed in this course. Group work in both discussion and analysis is mandatory, and many graded assignments are based on the ideas that are generated in these sessions. In addition to the accelerated demands of this course, students will meet the vocabulary, grammar, and benchmark requirements of all high school juniors, including an integrated study of the fundamentals of American Literature and an extensive argumentative-research essay. A high level of motivation and a love of critical analysis is necessary to succeed in this challenging course.
***This course is for the college prep student who wants to prepare for the Advanced Placement Exam in Language and Composition

AP ENGLISH LITERATURE AND COMPOSITION
GRADE LEVEL 12 #1113
*This course meets the CSU and UC A-G entrance requirements.
PREREQUISITE: Earned an “A” or “B” grade in English 3P or AP English 3, and English 3P or AP English 3 teacher recommendation; or permission of AP instructor; completion of summer reading and writing assignment, due on first day of instruction. One-year course, 10 units
This course is an accelerated course requiring college-level reading, writing, and analysis. Students will explore literature on multiple levels of reading, writing, and rhetoric. Students are expected to think, speak, and write in a highly critical and analytical manner. A willingness and ability to scrutinize multiple levels of meaning is necessary for a student to succeed in this course. Group work in both discussion and analysis is mandatory, and many graded assignments are based on the ideas that are generated in these sessions. In addition to the accelerated demands of this course, students will meet the vocabulary, grammar, and benchmark requirements of all high school seniors. A high-level of motivation and a love of literature is necessary to succeed in this challenging course. Students will also complete a career unit, including a mock interview.

BASIC LANGUAGE ARTS
GRADE LEVEL 9-12 #8441
PREREQUISITE: Recommendation of IEP team
This course is for students who need remediation in language development. Focus is placed on reading, vocabulary development, and reading comprehension.

ELD-LANGUAGE AND LITERATURE-1 (ENGLISH LANGUAGE DEVELOPMENT)
GRADE LEVEL 9-12 #1030
PREREQUISITE: Residency of one year or less in the United States with no prior ELD placement. Scored Emerging (1) on ELPAC. One-year course, 10 units.
This is a one-period course for beginning English Language Development students who have little or no oral or written fluency in English. This course emphasizes listening and speaking skills; reading and writing skills are developed as the student’s abilities permit. Emphasis is placed on oral language fluency.

EL-2 (ENGLISH LANGUAGE DEVELOPMENT)
GRADE LEVEL 9-12 #1035
PREREQUISITE: Residency of two to three years in the United States. Scored Emerging (2) on ELPAC. One-year course, 10 units.
This is a beginning English Language Development course for students who have limited oral and written English skills. This course develops listening, speaking, reading, and writing skills through the use of content-based themes. Oral fluency, beginning language and grammar functions, reading, and writing skills are emphasized.

EL-3 (ENGLISH LANGUAGE DEVELOPMENT)
GRADE LEVEL 9-12 #1025
PREREQUISITE: Residency of more than three years in the United States. Scored Emerging (2) on ELPAC. One-year course, 10 units.
This course provides instruction in English as a Second Language for students who have limited academic oral and written English skills. Increased fluency in speaking, reading, and writing English is emphasized. Increasingly complex instruction is provided in reading, speaking, oral fluency, beginning language and grammar functions, and writing.

ENGLISH 3D-1 (ENGLISH LANGUAGE DEVELOPMENT)
GRADE LEVEL 9-12 #1155
PREREQUISITE: Scored in the Bridging proficiency level on ELPAC. No prior placement in English 3D. One-year course, 10 units.
This course provides instruction in English Language Development for students with satisfactory command of English speaking and writing skills. Emphasis is placed on
academic vocabulary, academic discourse, language structure, complex reading skills, and academic writing.

**ENGLISH 3D-2 (ENGLISH LANGUAGE DEVELOPMENT)**

**GRADE LEVEL 10-12 #1160**

PREREQUISITE: Scored in the Bridging proficiency level on ELPAC and satisfactory completion of English 3D-1. One-year course, 10 credits

This course provides instruction in English Language Development for students with satisfactory command of English speaking and writing skills. It is designed to build upon the strategies and skills learned in English 3D-1. Emphasis is placed on increased academic vocabulary, academic discourse, language structure, complex reading skills, and academic writing.

**ENGLISH 3D-3 (ENGLISH LANGUAGE DEVELOPMENT)**

**GRADE LEVEL 11-12 #1170**

PREREQUISITE: Scored in the Bridging proficiency level on ELPAC and satisfactory completion of English 3D-2. One-year course, 10 units.

This course provides instruction in English Language Development for students with satisfactory command of English speaking and writing skills. It is designed to build upon the strategies and skills learned in English 3D-2. Emphasis is placed on increased academic vocabulary, academic discourse, language structure, complex reading skills, and academic writing.

**ENGLISH 1 (P)**

**GRADE LEVEL 9 #1085**

PREREQUISITE: Freshman standing. One-year course, 10 credits

This standards-based course prepares students for college-level study. The course stresses composition, grammar, and a study of different literary forms. The students study compositional structure in writing short essays, with increased emphasis on expository writing. Literature works of varied length and style are studied for their merit and thematic content. Library research and computer skills will be included. This course will also incorporate two ERWC 9th grade modules.

**ENGLISH 1H (HONORS)**

**GRADE LEVEL 9 #1086**

*This course meets the CSU and UC A-G entrance requirements.*

PREREQUISITE: Scores in “Advanced” quintile in 8th grade reading and writing, and 8th grade teacher recommendation. One-year course, 10 credits

This standards-based course is designed for the college-prep student who desires the challenge of an accelerated learning environment. In addition to preparing students for college-level study, the course stresses advanced composition, grammar, and a study of different literary forms. The course also places emphasis on critical thinking skills. The students study compositional structure in writing short essays, with increased emphasis on expository writing. Literacy works of varied length and style are studied for their merit and thematic content. Library research and computer skills will be included. This course will also incorporate two ERWC 9th grade modules.

**ENGLISH 2 (P)**

**GRADE LEVEL 10 #1090**

*This course meets the CSU and UC A-G entrance requirements.*

PREREQUISITE: Sophomore standing. One-year course, 10 credits

This course is for students interested in meeting state college and university entrance requirements. The class stresses development of literary appreciation through study of the various genres. Students will study composition, grammar, and vocabulary, with increased emphasis on expository writing. This course also includes a unit involving library research. This course will also incorporate one ERWC 10th grade module.

**ENGLISH 2H (HONORS)**

**GRADE LEVEL 10 #1091**

*This course meets the CSU and UC A-G entrance requirements.*

PREREQUISITE: Completed English 1H with an A or B and teacher recommendation. One-year course, 10 credits

This standards-based course is designed for the college-prep student who desires the challenge of an accelerated learning environment. In addition to preparing students for college-level study, the course stresses development of literary appreciation and criticism through study of the various genres. Advanced composition, grammar, and a study of different literary forms are also included, with increased emphasis on expository writing. The students study compositional structure in writing short essays. Literary works of varied length and style are studied for their merit and thematic content. This course also includes a unit involving library research. This course will also incorporate one ERWC 10th grade module.

**ENGLISH 3 (P)**

**GRADE LEVEL 11 #1100**

*This course meets the CSU and UC A-G entrance requirements.*

PREREQUISITE: Junior standing. One-year course, 10 units

This course is designed to follow the growth of American literature through poetry, plays, short stories, and novels. Emphasis is placed on plot and character analysis of selected works of 20th century novelists and playwrights, with increased emphasis on expository writing. This course also includes a unit involving an MLA formatted research essay. This course will also incorporate the ERWC module *Into the Wild.*

**ENGLISH 4 (P)**

**GRADE LEVEL 12 #1105**

*This course meets the CSU and UC A-G entrance requirements.*

PREREQUISITE: Senior standing. One-year course, 10 credits

This course stresses literary appreciation through study of the various genres. Particular attention is devoted to the development of classic and British literature and the reading of relevant novels and dramas. Students will study composition, grammar, and vocabulary. This course also includes a career unit, including a mock interview, with increased emphasis on expository writing.

**ERWC-Expository Reading and Writing Course**

**GRADE LEVEL 12 #1150**

*This course meets the CSU and UC A-G entrance requirements.*

*This course meets the CSU and UC A-G entrance requirements.*
PREREQUISITE: Administration Placement
The goal of Expository Reading and Writing Course is to prepare college-bound seniors for the literacy demands of higher education while meeting the English Placement Requirement necessary to enter a college-level English course without mediation in the CSU system. Through a variety of both short and longer rigorous instructional modules, students in this yearlong, rhetoric-based course enhance their knowledge in expository, analytical, and argumentative reading and writing. Students will be expected to increase their awareness of the rhetorical strategies employed by authors and attempt to apply those strategies in their own writing. They will read closely to examine the relationship between an author’s argument or theme and his or her audience and purpose; to analyze the impact of structural and rhetorical strategies; and to examine the social, political, and philosophical assumptions that underlie the text. Students will work both independently and collaboratively. Course texts include one novel, one drama, contemporary essays, newspaper and magazine articles, editorials, reports, biographies, memoirs, assorted public documents, and other non-fiction texts. A culminating task concludes each unit. This course is also highly recommended to any senior who is motivated and desires to enhance reading and writing skills in order to be better prepared for any college-level course and/or a college English entrance exam.

JOURNALISM/NEWSPAPER P
GRADE LEVEL 10-12 #1115
*This course meets the CSU and UC A-G entrance requirements.
PREREQUISITE: An “A” or “B” in English 1P, 2P, or 3P, recommendation of previous year’s English teacher, submission of writing sample, interview, and permission of instructor. Willingness and ability to sometimes work beyond school hours may be necessary. Typing and computer experience recommended. One-year course, 10 credits
This course offers extensive and closely scrutinized practice in newspaper production and studies in modern journalism. Students will learn about aspects of newspaper production, including research, interviewing, reporting, writing, editing, photography, layout, and advertising. Page layout and digital photography editing are also covered. Students will also create text, photographic, and streaming video content for the Clarion online edition. Other topics include influence of media, history of US journalism, effects of propaganda, journalism ethics, and free speech constitutional cases. Students will produce the monthly school newspaper, The Clarion, and its online counterpart.

JOURNALISM/YEARBOOK
GRADE LEVEL 9-12 #1129
PREREQUISITE: An “A” or “B” in English 1P, 2P, or 3P, and permission of instructor. Willingness and ability to sometimes work beyond school hours when necessary, sell local advertisements; computer, art, and photography experience recommended; minimum 3.0 GPA. One-year course, 10 credits
The yearbook class produces the Magnet yearbook. Students will market and sell both the yearbook and advertisements. Students will design layouts, photograph school events, participate in public relations and public speaking, and need to function successfully in a small business environment. Students should have a positive classroom attitude, after-school attendance (when necessary), produce effort toward the selling of advertisements, maintain a journalism portfolio, adhere to deadlines, pay attention to detail, be trustworthy, have the ability to maintain the confidentiality of yearbook decisions, be responsible in handling expensive equipment and money, and be creative. Due to early fall deadlines, the class is selected during the spring semester of the previous school year.

MANUFACTURING AND PRODUCT DEVELOPMENT

ART ANIMATION 1P ®
GRADE LEVEL 9-12 #8025
*This course meets the CSU and UC A-G entrance requirements.
PREREQUISITE: None. One-year course, 10 credits
Dual enrollment: FCC, (GRC 20A), 3 units.
Art Animation uses the computer and graphics software to tell a story through a series of visual images and text on rapidly moving frames. Students will create two-dimensional animations using Flash software and three-dimensional animations using 3D Studio Max. The two dimensional animations are used primarily for web page. The three dimensional animations are used primarily for designing video games, presentations, and movie special effect. Students will learn to use technology and they will work individually and cooperative storyboarding, communication of plot and character development. Students will learn to communicate a story through animation.

DIGITAL ANIMATION- ADV ®
GRADE LEVEL 11-12 #8054
*This course meets the high school graduation requirements for one year of art.
PREREQUISITE: Art Animation P One-year course, 10 credits
Students will generate art through the use of advanced computer techniques and animation projects. They will draw in one and two-point perspective, animate body expression, create texture maps, research related careers, and script simple video games. By the end of the course, students will create a portfolio with examples of their digital work and job search documentation.

INTRODUCTION TO GRAPHIC DESIGN AND MULTIMEDIA P®
GRADE LEVEL 9-12 #8060
PREREQUISITE: None. One-year course, 10 credits
Dual Enrollment: FCC, (GRC 20A), 3 units.
*This course meets the CSU and UC A-G entrance requirements for (F) Visual Arts.
Students develop a foundation in Illustration and Design skills using a variety of drawing media, including graphite, charcoal, pastels, pen and ink, and digital arts related software. Some further exploration of media will take place near the end of the course. Students will create a variety of advertisements, commercials, print layouts, CD covers, business cards, T-shirts, and Web pages using traditional means and digital programs found on Adobe Creative Suite. Students will participate in several individual and group learning activities that include art history, criticism, and aesthetic perception. Students will develop a portfolio of their work for their final grade.
INTRODUCTION TO MANUFACTURING AND ENGINEERING
GRADE LEVEL 9-10 #9206
Dual Enrollment: FCC (AT 21), 2 units
In the Introduction of Manufacturing and Engineering Design class, students will learn through hands-on projects, the design process and its application on industrial manufacturing. Students use industry standard 2D and 3D modeling software to help them design solutions to solve proposed problems. It provides essential information that builds a strong foundation for the entire program. Topics include safety, manufacturing materials, manufacturing processes, and manufacturing systems, tool usage and manufacturing processes. Field trips are an integral part of the course experience.
MANUFACTURING, DRAFTING, AND ENGINEERING CADD P®
GRADE LEVEL 10-12 #8144
PREREQUISITE: Pass Introduction to Manufacturing and Engineering with a grade of “C” or better. One-year course, 10 credits.
Dual enrollment: FCC, (CADD14), 3 units.
This is a beginning course that introduce students to the basics of computer drafting. Students will become familiar with AutoCAD, SolidWorks, and other drafting software programs that will assist them in making all types of drawings used in the industry. Students will also have the opportunity to work with programming and building small, mobile robotics technology. Students will learn AC/DC electrical circuits, pneumatics, and CNC Machines. All projects encourage teamwork, leadership, and problem solving. Students will also have an introduction to Computer Aided Machining for CAD Users.
MARKETING, SALES AND SERVICE INTRODUCTION TO GRAPHIC DESIGN AND MULTIMEDIA P®
GRADE LEVEL 9-12 #8060
PREREQUISITE: None. One-year course, 10 credits
Dual enrollment: FCC, (GRC 20A), 3 units.
*This course meets the CSU and UC A-G entrance requirements for (F) Visual Arts.
Students develop a foundation in Illustration and Design skills using a variety of drawing media, including graphite, charcoal, pastels, pen and ink, and digital arts related software. Some further exploration of media will take place near the end of the course. Students will create a variety of advertisements, commercials, print layouts, CD covers, business cards, T-shirts, and Web pages using traditional means and digital programs found on Adobe Creative Suite. Students will participate in several individual and group learning activities that include art history, criticism, and aesthetic perception. Students will develop a portfolio of their work for their final grade.
SPORTS AND ENTERTAINMENT & MULTIMEDIA MARKETING®
GRADE LEVEL 9-12 #8070
PREREQUISITE: None
Dual enrollment: FCC (AT 40), 3 units.
*UC A-G approved (G) College Prep Elective
The Multi-Media Marketing is a dynamic course using both creative and advertising systems processes and their practical applications. Students will learn how to effectively communicate with clients to discover project requirements, identify existing and new customers using traditional marketing such as “Print and display output” techniques and new channels for communicating with digital “Multi-Media” and “Social Media” tools. Students will apply their skills in teams that collaborate with school programs and the local business community to produce and develop effective Marketing campaigns projects and presentations using industry standard tools.
ENTREPRENEURSHIP®
GRADE LEVEL 10-12 #8160
PREREQUISITE: Sports Entertainment & Marketing
Dual Enrollment: FCC (AT 40) 3 units
*UC A-G approved (G) College Prep Elective
Entrepreneurship is a simulated business that is set up and run by students to prepare them for working in a real business environment. Students learn about Economics—micro and macro—and its relationship to and impact on business operations in the private enterprise system. The students study supply and demand, the Federal Reserve System, taxation by local, state, and federal governments, business organizations, the stock market, and international transactions. The students determine the nature of their business, its products and services, its management and structure, and learn the daily operations of a business under the guidance of a consultant with the support of a real business partner. They use current business software packages and the Internet for business transactions using Economics as a factor in decision making.
MATHEMATICS
AP CALCULUS AB
GRADE LEVEL 12 #2072
*This course meets the CSU and UC A-G entrance requirements.
PREREQUISITE: Completion with a “C” or better in Trigonometry/Pre-Calculus or consent of the instructor
One-year course, 10 credits
This course is aligned with the California State standards and includes rates, limits, derivatives, solutions of rate-determined problems, maximizing and minimizing solutions, integration, area and volumes under curves.
*Recommended for college-bound science and engineering students. *Prepares students to take the Advanced Placement Test in calculus.
AP CALCULUS BC
GRADE LEVEL 12 #2073
*This course meets the CSU and UC A-G entrance requirements.
PREREQUISITE: Completion with a “C” or better in Trigonometry/Pre-Calculus or consent of the instructor
One-year course, 10 credits
This course is roughly equivalent to both first and second semester college calculus and extends the content learned in AP Calculus AB to different types of equations and introduces the topic of sequences and series. The AP course covers topics in differential and integral calculus, including the concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. In addition, students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.
*Recommended for college-bound science and engineering students.
*Prepares students to take the Advanced Placement Test in calculus

AP STATISTICS & PROBABILITY
GRADE LEVEL 12 #9209
*This course meets the CSU and UC A-G entrance requirements.
PREREQUISITE: Completion of Math 3P with a “C” or better.
One-year course, 10 credits
This course is aligned with the California Common Core Standards and AP Statistics Standards. The purpose of the AP course in statistics 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-year introductory college statistics course.

BRIDGE TO MATH 1
GRADE LEVEL 9 #2095
PREREQUISITE: ADMINISTRATION PLACEMENT
One-year course, 10 credits
This course is intended to help students master core mathematical concepts needed for success in Integrated Math 1P. Content will focus on probability, fractions and integer computations, arithmetic properties, proportions, expressions and percents, probability and solving word problems, simplifying with variables, solving inequalities and equations, graphs and equations, multiple representations, transformations and similarity, slope and association, and exponents and functions.

INTEGRATED MATH 1P
GRADE LEVEL 9-12 #2080
*This course meets the CSU and UC A-G entrance requirements.
PREREQUISITE: None. One-year course, 10 credits
This course is aligned with the Common Core State Standards. Students will use the Common Core State Standards for Mathematical Practices to reason quantitatively and use units to solve problems; understand the concept of a function and use function notation; interpret functions that arise in application in terms of context; analyze functions using different representations; construct and compare linear, quadratic, and exponential functions; interpret expressions for functions in terms of the situation they model; build a function that models a relationship between two quantities; build new functions from existing functions; understand solving equations as a process of reasoning and explain the reasoning; solve equations and inequalities in one variable; represent and solve equations and inequalities graphically; create equations that describe numbers or relationships; solve systems of equations; make geometric constructions; experiment with transformations in the plane; understand congruence in terms of rigid motions; prove geometric theorems; summarize, represent, and interpret data on a single count or measurement variable; summarize, represent, and interpret data on two categorical and quantitative variables; and interpret linear models.

COMPUTER SCIENCE PRINCIPLES
GRADE LEVEL 9-12 #9062
PREREQUISITE: None
One year course, 10 credits
The main goal of the CS Principles course is to provide students a foundation in computer science concepts and practices so that students learn to reason using computational thinking and critical thinking skills. This course will engage students in the problem-solving and creative aspects of the field by creating products that involve the computational process the same way real-world professionals do. By applying the content and skills emphasized in the course, namely, problem-solving, abstraction, the use of and analysis of data, algorithmic thinking, creativity, programming, the effects of the Internet, and global impacts of computing, students will engage in rigorous instruction in order to become active and informed citizens in a global and technologically-driven society.

INTEGRATED MATH 1P HONORS
GRADE LEVEL 9-12 #2096
*This course meets the CSU and UC A-G entrance requirements.
PREREQUISITE: Met or exceeded expectations on standardized test and teacher recommendation.
One-year course, 10 credits
This course is designed for the college prep student who desires the challenge of a rigorous learning environment. In addition to preparing students for college level study, this course stresses critical thinking, formal notation, and proof. This course is aligned with the Common Core State Standards. Students will use the Common Core State Standards for Mathematical Practices to reason quantitatively and use units to solve problems; understand the concept of a function and use function notation; interpret functions that arise in application in terms of context; analyze functions using different representations; construct and compare linear, quadratic, and exponential functions; interpret expressions for functions in terms of the situation they model; build a function that models a relationship between two quantities; build new functions from existing functions; understand solving equations as a process of reasoning and explain the reasoning; solve equations and inequalities in one variable; represent and solve equations and inequalities graphically; create equations that describe numbers or relationships; solve systems of equations; make geometric constructions; experiment with transformations in the plane; understand congruence in terms of rigid motions; prove geometric theorems; summarize, represent, and interpret data on a single count or measurement variable; summarize, represent, and interpret data on two categorical and quantitative variables; and interpret linear models.

INTEGRATED MATH 2P
GRADE LEVEL 10-12 #2081
*This course meets the CSU and UC A-G entrance requirements.
PREREQUISITE: Completion of Integrated Math 1P with a “C” grade or better.
One-year course, 10 credits
This course is aligned with the California Common Core State Standards. Students will use the California Common Core State Standards for Mathematical Practices to prove
geometric theorems algebraically using coordinates, interpret functions that arise in applications in terms of the context, analyze functions using different representations, build a new function that models a relationship between two quantities, build new functions from existing functions, use complex numbers in polynomial identities and equations, write expressions in equivalent forms to solve problems, solve equations and inequalities in one variable, solve system of equations, understand similarity in terms of similarity transformations, explore properties of similarity and prove theorems involving similarity, understand and apply theorems about circles, translate between the geometric description and the equation for a conic section, understand independence and conditional probability and use them to interpret data, use the rules of probability to compute probabilities of compound events in a uniform probability model, and apply geometric concepts in modeling situations.

INTEGRATED MATH 2P HONORS
GRADE LEVEL 10-12 #2097
*This course meets the CSU and UC A-G entrance requirements.

PREREQUISITE: Met or exceeded expectations on standardized test and teacher recommendation.

One-year course, 10 credits

This course is designed for the college prep student who desires the challenge of a rigorous learning environment. In addition to preparing students for college level study, this course stresses critical thinking, formal notation, and proof.

This course is aligned with the California Common Core State Standards. Students will use the California Common Core State Standards for Mathematical Practices to prove geometric theorems algebraically using coordinates, interpret functions that arise in applications in terms of the context, analyze functions using different representations, build a new function that models a relationship between two quantities, build new functions from existing functions, use complex numbers in polynomial identities and equations, write expressions in equivalent forms to solve problems, solve equations and inequalities in one variable, solve system of equations, understand similarity in terms of similarity transformations, explore properties of similarity and prove theorems involving similarity, understand and apply theorems about circles, translate between the geometric description and the equation for a conic section, understand independence and conditional probability and use them to interpret data, use the rules of probability to compute probabilities of compound events in a uniform probability model, and apply geometric concepts in modeling situations.

INTEGRATED MATH 3P HONORS
GRADE LEVEL 10-12 #2082
*This course meets the CSU and UC A-G entrance requirements.

PREREQUISITE: Completion of Integrated Math 2P with a “C” or better.

One-year course, 10 credits

This course is aligned within the Common Core State Standards. Students will use the California Common Core State Standards for Mathematical Practices and be able to use complex numbers in polynomial identities and equations; interpret the structure of expressions; write expressions in equivalent random processes underlying statistical experiments; make inferences and justify conclusions from sample surveys, experiments, and observational studies; and use probability to evaluate outcomes of decisions.

INTEGRATED MATH 3P
GRADE LEVEL 11 #2083
*This course meets the CSU and UC A-G entrance requirements.

PREREQUISITE: Completion of Integrated Math 2 with a “C” or better. One-year course, 10 credits.

This course is designed for eleventh graders that are planning to take Common Core State Standards. Students will use the California Common Core State Standards for Mathematical Practices and be able to use complex numbers in polynomial identities and equations; perform arithmetic operations with complex numbers; represent complex numbers and their operations on the complex plane; represent and model with vector quantities; perform operations on matrices and use matrices in applications; interpret the structure of expressions; write expressions in equivalent forms to solve problems; perform arithmetic operations on polynomials; understand the relationship between zeros and factors of polynomials; use polynomial identities to solve problems; rewrite rational expressions; create expressions that describe numbers or relationships; solve systems of equations; understand solving equations is a process of reasoning and explain the reasoning; represent and solve equations and inequalities graphically; interpret functions that arise in applications in terms of context; analyze functions using different representations; build a function that models a relationship between two quantities; build a new function from existing functions; construct and compare linear, quadratic, and exponential models and solve problems; extend the domain of trigonometric functions using the unit circle; model periodic phenomena with trigonometric functions; prove and apply trigonometric identities; apply trigonometry to general triangles; translate between the geometric description and equation for a conic section; visualize relationships between two-dimensional and three-dimensional objects; apply geometric concepts in modeling situations; summarize, represent, and interpret data on a single count or measurement variable; understand and evaluate random processes underlying statistical experiments; make inferences and justify conclusions from sample surveys, experiments, and observational studies; and use probability to evaluate outcomes of decisions.

MATH APPLIED
GRADE LEVEL 12 #2085
PREREQUISITE: Administrative Placement

One-year course, 10 credits

This course provides students with an opportunity to revisits key concepts of mathematics as they are applied to situations they encountered by most adults. Topics include, but are not limited to, percents, rates, area, linear optimization, statistics, budgeting and taxes, stock market investing, loan rate calculations (credits cards, student loans, mortgages), and intro to computer programming.

TRIGONOMETRY/ PRE-CALCULUS (P)
GRADE LEVEL 11-12 #2065
PREREQUISITE: Completion of Math 3P with a “C” grade or better. One-year course, 10 units
This course is aligned with the California State standards and includes number properties, Cartesian coordinates, function, graphing, polynomials, circular functions, trigonometric functions, second-degree relations, transcendental functions, matrices, polar coordinates, sequences and series.

**MUSIC-INSTRUMENTAL**

**BEGINNING GUITAR**
GRADE LEVEL 9-12 #7029
PREREQUISITE: Must be a beginner.
One-year course, 10 credits, Fine Arts A-G (F) credits.
This is an entry-level course. In this class students will learn to read tablature and standard notation. Students will also learn to play the guitar as a beginner and care for music and equipment. This course is for any SHS student who wishes to learn the guitar from the ground up. Students in this class may be required to perform for their classmates and community as part of their coursework.

**COLOR GUARD**
GRADE LEVEL 9-12 #7038
PREREQUISITE: By audition or Director’s approval. One-year course, 10 credits and qualifies for five (5) Fine Arts A-G(F) credits. Also qualifies for five (5) PE Credits.
Students will study dance, equipment work, and body movement. Students will study and perform as a soloist, ensemble performer, and as an attachment of the parade and field show bands. This class also attends competitions and festivals throughout the year for adjudication purposes. This class has required rehearsals and performances that occur during and after school hours and on weekends.

**FIELD SHOW BAND**
GRADE LEVEL 9-12 #7020
FALL (Semester-Long Class)
PREREQUISITE: By audition or Director’s approval. Must have one year of high school band/color guard or at least one year of middle school marching band/winter percussion/colorguard
Co-requisite: Must be concurrently enrolled in at least one other instrumental or vocal music class
*Qualifies for five (5) PE Credits
Field Show Band is an advanced marching band course in which students learn and apply knowledge of music, marching, dance, and artistic interpretation to perform a field show. Traveling and after school rehearsals are a part of this class and a requirement for participation. Students will be engaged in the building of challenging skill sets and will learn how to push their personal barriers. The goal is that students leave with an appreciation of the marching arts and higher self-esteem.

**JAZZ BAND**
GRADE LEVEL 9-12 #7031
PREREQUISITE: By audition or Director’s approval. One-year course, and qualifies for ten (10) Fine Arts A-G (F) credits.
Students will study music theory and jazz history in order to obtain a broad background in the jazz idiom. Students will perform various styles of jazz and pop music throughout the year and attend several festivals for adjudication purposes and exposure to other jazz ensembles. This class has required rehearsals and performances that occur during and after school hours and on weekends.

**MARCHING BAND/CONCERT BAND (P)**
GRADE LEVEL 9-12 #7025/7024
PREREQUISITE: By audition or Director’s approval. One-year course. *Qualifies for five (5) Fine Arts A-G(F) credits.
*Qualifies for five (5) PE Credits
This course is taken as one, but is technically two separate courses. This course is open to all students interested in performing in large ensembles. The curriculum includes one semester of Marching Band(Fall) and one semester of Concert Band(Spring) Emphasis is placed on obtaining and developing musical skills and knowledge. This class has required rehearsals and performances that occur during and after school hours and on weekends.

**PERCUSSION ENSEMBLE**
GRADE LEVEL 9-12 #7039
PREREQUISITE: By audition or Director’s approval. One-year course, 10 credits and qualifies for five (5) Fine Arts A-G(F) credits. Also qualifies for five (5) PE credits.
Students will study the musical art of percussion. Music theory, culture and its impact on music, and various styles of percussion music will be studied through the year. Though drum set is an important part of percussion performance, it will not be exclusively taught in this class. This course is for any student interested in learning the art of Percussion Performance. This class has required rehearsals and performances that occur during and after school hours and on weekends.

**MUSIC-THEORY & VOCAL**

**BASS CHOIR**
GRADE LEVEL 9-12 #7018
PREREQUISITE: None. One-year course, 10 credits
Open to all students regardless of experience, Bass Choir is a place to explore and expand a singer’s musical abilities. This course focuses on vocal foundations and music fundamentals for singers in the bass ranges (bass, baritone, tenor and countertenor), with the goal of becoming more comfortable in our signing voice and gaining the skills necessary to think and speak like a musician. Field trips and concerts which occur outside of the school day are required as a part of this class.

**CHAMBER SINGERS (P)**
GRADE LEVEL 9-12 #7015
*This course meets the CSU and UC A-G entrance requirements.
PREREQUISITE: Audition and permission of instructor. Students must have been in ALMS Choir, Mixed Chorus, Alissismo Chorus, Basso Tenore, and/or another choral ensemble for at least one year (two years recommended) before auditioning for this ensemble.
One-year course, 10 credits
This is an auditioned mixed group for advanced voices. This course is designed to provide students with the opportunity to sing choral music with special attention given to the fundamentals of voice production, basic fundamentals of music, sight singing, and the development of musicianship in ensemble singing. The class will stress rehearsal procedures, attitudes, song literature from earliest forms to modern forms, and general musical knowledge. Attendance at all performances and rehearsals is required.

**TREBLE CHOIR (P)**
GRADE LEVEL 9-12 #7016
PREREQUISITE: None. One-year course, 10 credits
Open to all students regardless of experience, Treble Choir is a place to explore and expand a singer’s musical abilities. This course focuses on vocal foundations and music fundamentals
for singers in the treble ranges (countertenor, alto, and soprano), with the goal of becoming more comfortable in our singing voice and gaining the skills necessary to think and speak like a musician. Field trips and concerts which occur outside of the school day are required as a part of this class.

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**PHYSICAL EDUCATION**

**CO-ED PHYSICAL EDUCATION**

**GRADE LEVEL 9 #2513**

**PREREQUISITE:** None. One-year course, 10 credits

The purpose of freshman PE is to develop fitness, knowledge of team sports, motor movement and aquatics. This co-ed course will include units in basketball, football, soccer, square dance, Frisbee, volleyball, musk ball, swimming, and physical fitness.

**CO-ED PHYSICAL EDUCATION**

**GRADES 10-12 #2516**

**PREREQUISITE:** None

One-year course, 10 credits

The purpose of sophomore PE is to develop fitness, to emphasize individual and dual sports, outdoor education, dance and analysis of movement. This co-ed course will include units in water safety and fitness, square dance, badminton, pickle ball, golf, tennis, bowling, country line dancing, aerobics, recreational games and fitness.

**DOCTOR EXCUSE P.E.**

**GRADE LEVEL 9-12 #2560**

If a student is unable to participate in physical education/ROTC/Mexican dance for the duration of the semester due to a doctor’s recommendation/NOTE, he/she will be placed in an alternative course. If the student has a permanent disability where he/she cannot participate in physical education due to a doctor’s recommendation, the student will need to see his/her Learning Director for an alternative course. *All Doctor’s notes must be given to the school nurse.

**PERSONAL FITNESS**

**GRADE LEVEL 10-12 #9210**

**PREREQUISITE:** Permission of instructor. Must have passed Co-ed PE 09 with a “B” grade or better or have teacher approval. One-year course, 10 credits

This is an elective PE class which is geared to the female athletes who want to improve their muscular strength and endurance. We will provide you with opportunities to excel in cardiovascular fitness and weight training utilizing Olympic bars, rings, and dumbbells. Along with fitness goals, you will be asked to log your measurements, body fat percentage, 1 rep max, and plyometric challenge results.

**STRENGTH AND CONDITIONING**

**GRADE LEVEL 10-12 #2545**

**PREREQUISITE:** Must have passed Co-ed PE 09 and Co-ed PE 10 with a “C” or better or have teacher approval.

One-year course, 10 credits, limited enrollment

This co-ed class is geared to students who wish to improve their muscular strength and endurance, to enhance motor performance in certain sport activities and to build stronger connective tissue resulting in increased resistance to injury. This class will be an individualized program utilizing Olympic bars and dumbbells.

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**SCIENCE**

**AP BIOLOGY**

**GRADE LEVEL 11-12 #3022**

**PREREQUISITE:** Must have completed Biology(P), Chemistry(P), and a 3rd UC A-G lab science course such as Physics (P), Anatomy & Physiology, Zoology, Environmental (may be concurrent). Aforementioned courses and Math 2 must be completed with a “B” grade or better. Must attend tutorial sessions two times per week during tutorial.

One-year course, 10 credits

*This course meets the CSU and UC A-G entrance requirements.

The AP Biology course introduces students to college level biological concepts through the use of diverse teaching methodologies that emphasize cooperative learning, scientific inquiry, and concept attainment. The course is designed to meet all standards set by the College Board in an engaging and kinesthetic manner. Although lecture and other teacher directed methodologies are used to convey concepts, the majority of in class assignments are hands-on and kinesthetic; research shows that students retain information when they have personal experience with the material.

**AP CHEMISTRY**

**GRADE LEVEL 11-12 #3032**

**PREREQUISITE:** Juniors-concurrent enrollment in Physics. And concurrent enrollment in Integrated Math 3P Honors. Seniors- concurrent enrollment in Integrated Math 3P Honors or have completed Integrated Math 3P Honors with grade of “C” or higher.

Seniors- concurrent enrollment in Physics, or have passed Physics with a grade of “C” or higher.

One-year course, 10 credits

*This course meets the CSU and UC A-G entrance requirements.

Introduction of symbols, equations, computations, laboratory techniques, states of matter, crystals, bonding, gases, equilibrium, pH, Redox, solutions, organic theory, nuclear chemistry, reaction rates, and electrochemistry. Prepares student to take the Advanced Placement Test in chemistry.

***Completion of Intro to Sustainable Ag and Sustainable Ag Biology(P) equals one year of the life science graduation requirement. To complete the physical science graduation requirement, students must take either AG Soil & Chemistry, Environmental Science, Chemistry, Physics, or Earth Science.

**AG SOIL & CHEMISTRY (P)**

**GRADE LEVEL 11-12 #8136**

**PREREQUISITE:** Completion of AG Biology (P) & Integrated Math 1P with a grade of “C” or higher and/or Agriculture teacher recommendation. Students must concurrently enrolled in Integrated Math 2P or higher math.

One-year course, 10 credits

*This course meets the CSU and UC A-G entrance requirements (G- College Preparatory Elective ONLY).

This course explores the physical and chemical nature of soil as well as the relationships between soil, plants, animals and agricultural practices. Students will examine properties of soil and land and their connections to plant and animal production. This course fulfills the UC/CSU “D” Physical Science requirement.

**BIOLOGY (P)**

**GRADE LEVEL 9-12 #3015**

**PREREQUISITE:** Completed or concurrently enrolled in Math 1P. One-year course, 10 credits
*This course meets the CSU and UC A-G entrance requirements.

A scientific method and investigation course. Subtopics include ecology, cell biology, inheritance, molecular genetics, evolution, human anatomy and physiology. This course fulfills the life science requirement.

**CHEMISTRY (P)**
**GRADE LEVEL 10-12 #3025**
PREREQUISITE: Students must have completed Integrated Math 1P and Biology (P) with a grade of “C” or higher, and/or Earth Science teacher recommendation. Students must be concurrently enrolled in Integrated Math 2P or higher math.
One-year course, 10 credits

*This course meets the CSU and UC A-G entrance requirements.

This course is a more mathematical and quantitative approach to the understanding of chemistry. Introduction to symbols, equations, computations, laboratory techniques, states of matter, crystals, bonding, gases, equilibrium, pH, Redox, solutions, and organic theory. This course fulfills the physical science requirement. This course covers the California Chemistry Standards.

**HONORS CHEMISTRY (P) H**
**GRADE LEVEL 10-12 #3050**
PREREQUISITE: Students must have completed Biology P with a grade of “B” or higher, and completed Integrated Math 1P Honors with a grade of “C” or higher. Students must be concurrently enrolled in Integrated Math 2P Honors or higher math.
One year course, 10 units.

*This course meets the CSU and UC A-G entrance requirements.

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

**Sustainable Agriculture Biology (P)**
**GRADE LEVEL: 10 #6505**
PREREQUISITE: Students must have completed Math 1P and Intro to Sustainable Ag with a grade of “C” or higher. Students must have completed or be concurrently enrolled in Math2P.
One-year course, 10 credits

*This course meets the CSU and UC A-G entrance requirements.

This course requires students to apply scientific methods and reasoning to conduct field studies, participate in civic minded environmental projects, and engineer solutions to environmental problems.

**Intro to Sustainable Agriculture (P)**
**GRADE LEVEL: 9 #6500**
PREREQUISITE: Students must have completed or be currently enrolled in Math 1P.
One-year course, 10 credits; RC, ASC 1, 3 credits

*This course meets the CSU and UC A-G entrance requirements.

This course is designed for college preparation, especially for biology and health career majors.

**HUMAN ANATOMY AND PHYSIOLOGY (P)**
**GRADE LEVEL 11-12 #3050**
PREREQUISITE: Chemistry or Environmental Science, enrolled in Integrated Math 3P or higher level class. One-year course, 10 credits. This course is for those interested in science-related fields. Anatomy and physiology is a discussion and laboratory based study of the human body. The study will range from molecules, cells, body systems and processes. Dissection of a cat and other appropriate organs will complement coursework. This course is designed for college preparation, especially for biology and health career majors.
One-year course, 10 credits

*This course meets the CSU and UC A-G entrance requirements.

This course is for those interested in science-related fields. Anatomy and physiology is a discussion and laboratory based study of the human body. The study will range from molecules, cells, body systems and processes. Dissection of a cat and other appropriate organs will complement coursework. This course is designed for college preparation, especially for biology and health career majors.

**EARTH SCIENCE**
**GRADE LEVEL 9-12 #3006**
PREREQUISITE: None. One-year course, 10 credits

*This course meets the physical science graduation requirement; covers the study of the earth and the processes that change it; covers the California Earth Science Standards.

**ENVIRONMENTAL SCIENCE(P)**
**GRADE LEVEL 10-12 #3030**
PREREQUISITE: Students must have completed Integrated Math 1P with a grade of “C” or higher, and Biology (P) with a grade of “C” or higher, and/or Earth Science teacher recommendation. Students must be concurrently enrolled in Integrated Math 2P or higher math course.
One-year course, 10 credits

*This course meets the CSU and UC A-G entrance requirements.

This course will investigate three perspectives on how human populations, economics and global concerns interact and effect the environment through an understanding of our environmental resources, ecology, biodiversity, and sustainability. Students will utilize scientific methods and reasoning to conduct field studies, participate in civic minded environmental projects, and engineer solutions to environmental problems.
prerequisite: chemistry, enrolled in integrated math 3p or higher level class. one-year course, 10 credits
this course covers the study of motion, sound, light, electricity, and atomic physics. it fulfills the physical science requirement. this course covers the california physics standards.

veterinary science (p) *
grade level 11-12 #8010
*this course meets the CSU and UC A-G entrance requirements.
prerequisite: animal/plant science (P) and AG biology (P)
One-year course, 10 credits
Dual Enrollment: RC, (AS 1), 3 units
This course is designed for students wishing to acquire more advanced knowledge in veterinary science and advanced animal science. instruction includes: animal health, animal anatomy and physiology, reproductive physiology in beef, sheep, and swine and minor veterinary practices with these species. All units of instruction will include directed lab activities with emphasis on practical skills related to farm animals. All students will be required to keep project record books and maintain a Supervised Occupational Experience Project (SOEP).

zoology P
grade level: 11-12
prerequisite: biology, chemistry, enrolled in integrated math 3p or higher level class.
one year course, ten credits
*This course meets the CSU and UC A-G entrance requirements.
The purpose of this course is to introduce the student to the science of zoology. Students will become aware of the world of animals and their interrelationships through the process of evolution, develop an understanding of the significance of the diversity of life and the balance of nature, and examine the physiological and morphological characteristics of animals that allow them to survive in their environment. The basic principles of the curriculum focus on the unity and diversity of animal life and the manner in which structure and function complement each other. With a strong emphasis on comparative anatomy, students will observe living specimens and participate in dissection of preserved organisms as well as a variety of other labs that will help to reinforce the principles of the scientific method.

social science/history

AP European History
grade level 10 #1543
*This course meets the CSU and UC A-G entrance requirements.
prerequisite: students must earn at least an “A” or “B” in English 1P or recommendation from English 1P teacher.
one-year course, 10 credits (substitute for World History)
AP European history is designed to replicate an introductory European course taught in a university setting. this course will focus on the major developments and movements through the study and analysis of European History. this course will begin from 1400 AD to the present time. subjects that will be covered are economics, political and social movements as well as geographical factors. Students will analyze how these phenomena affect and are affected by the historical movements during this time frame. at the end of the second semester students will take the AP European history examination in an attempt to earn college units. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study are necessary to succeed. Emphasis is placed on critical and evaluative thinking skills, essay writing, interpretation of original documents and historiography. Students will be required to make presentations, and submit a few short research papers on European personalities and events.

AP World History
grade level 11-12 #1521
*This course meets the CSU and UC A-G entrance requirements. One-year course, 10 credits.
AP World History is a rigorous course, equivalent to a freshman college class where students can earn college credit. It is a two-semester survey of World History from the beginning of human existence to the present. Good reading and writing skills, along with a willingness to devote time to homework, research and study are necessary for success.
Through supplemental readings and research, students will be able to analyze, evaluate, and acquire an understanding of the world around them. Emphasis is placed on critical thinking skills and evaluation as well as essay writing, and analysis of primary source documents. A research paper and/or project are required for both semesters in this course. Students will have the opportunity to participate in the Unitrak program through CSU Fresno. This program enables students who earn a “C” or higher grade in this class to pay a small fee and receive credit for Western Civilization I and II, at CSU Fresno.

AP US Government and Politics
grade level 12 #1544
*This course meets the CSU and UC A-G entrance requirements.
One-year course, 10 credits
AP Government and Politics is a challenging course that is meant to be the equivalent of a freshman college course and students can earn college credit. this course includes both the study of general concepts used to interpret US politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute US politics. Through supplemental readings and research, students will have an opportunity to analyze and interpret data relevant to US government and politics. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study are necessary for success in the course. Emphasis is placed on critical and evaluative thinking skills, essay writing, interpretation of primary and secondary materials. The ongoing use of newspaper, CNN, and teen newsweek provide current events connections to each lesson. A research paper discussing issues of United States government and politics is required. Students will have the opportunity to participate in the Unitrak program through CSU Fresno. This program enables students who earn a “C” or higher in the class and pay a small fee to receive credit for Political Science 02 at CSU Fresno.
***Students who are enrolled in AP Government and Politics must pass both semesters of the class to graduate from Selma High School.

Economics (P)
grade level 12 #1541
*This course meets the CSU and UC A-G entrance requirements.
prerequisite: senior standing. An average score of 45 or higher in Total Reading and Composition on the STAR
Exam. Any senior student is welcome to challenge Economics (P).
One semester course, 5 credits
The purpose of this class is to implement strategies to improve reading and composition with the ultimate goal of preparing students for university studies. The basic theories of economics are studied. The study encourages the student’s application of the principles of economics and the relationship to his/her personal economic life. Students will learn to graph various economic problems and present them in an intelligent manner. The roles of money, credit, banking systems in the United States, business, labor and government in the economy are developed. Activities may include written reports and other presentations.

GOVERNMENT (P)
GRADE LEVEL 12 #1540
*This course meets the CSU and UC A-G entrance requirements.
PREREQUISITE: Senior Standing. An average score of 45 or higher in Total Reading and Composition on the STAR Exam. Any senior student is welcome to challenge Government (P).
One semester course, 5 credits
The purpose of this class is to implement strategies to improve reading and composition with the ultimate goal of preparing students for university studies. This course is a survey of the development of the principles, institutions, and procedures of governments and politics in the United States on local, state, and national levels and the importance of recruitment, role, and decision making on various government levels. Students will engage in activities that will afford an opportunity to organize and interpret information, formulate and use concepts, descriptions, and explanations about politics. A comparative study of the various economic/ political systems will be offered for the student’s consideration. Activities may include attendance at meetings of public agencies, written and oral reports.

HONORS UNITED STATES HISTORY (P) II
GRADE LEVEL 11 #1552
*This course meets the CSU and UC A-G entrance requirements.
PREREQUISITE: Junior or Senior Standing.
One-year course, 10 credits
This course is a two-semester survey of American history from the age of exploration and discovery to the present. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study is necessary for success in this course. Emphasis is placed on critical and evaluative thinking skills, essay writing, interpretation of original documents, and historiography. A short essay paper linking American literature and history is required.

AP PSYCHOLOGY
GRADE LEVEL 11-12 #1562
The AP Psychology course is a college level course designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. Students will learn about the field of Psychology through in-depth study, discussion, and hands on activities. The amount of work assigned depends on the unit being covered in class. Students are expected to keep up with the chapter readings outlined in the course overview. It should be understood that the expectations of this class are consistent with those of an Advanced Placement course.

PSYCHOLOGY (P)
GRADE LEVEL 11-12 #1560
*This course meets the CSU and UC A-G entrance requirements.
PREREQUISITE: Junior or Senior Standing.
One-year course, 10 credits
This course provides the students with a solid foundation in basic theories and principles of psychology and guides students toward a greater understanding of their own capacity for growth. Traditional topics such as personality, learning, social psychology, self-understanding, consciousness, childhood and adolescent development are given attention. Research techniques, dress, career, opportunities and troubled personalities are studied.

UNITED STATES HISTORY (P)
GRADE LEVEL 11 #1530
*This course meets the CSU and UC A-G entrance requirements.
PREREQUISITE: Junior Standing, One-year course, 10 credits
The purpose of this class is to implement strategies to improve reading and composition with the ultimate goal of preparing students for university studies. Students will study the development of American history through multimedia using an inquiry approach. The study provides a general survey of American political, economics, and social history with emphasis on developing an understanding of the historical development of American domestic and foreign policies. Composition is stressed and discussion techniques, geographical analysis, critical thinking approaches, and supplemental readings are used.

WORLD HISTORY, CULTURE & GEOGRAPHY (P)
GRADE LEVEL 10-12 #1520
PREREQUISITE: Sophomore Standing, or approved admission
*This course meets the CSU and UC A-G entrance requirements.
One-year course, 10 credits
The purpose of this class is to implement strategies to improve reading and composition with the goal of preparing for college. The history portion of this class includes the study of Greeks and Romans and their strides towards democracy, advances in philosophy, and various other contributions affecting us today; the Era of Enlightenment and Scientific Revolution to the present; the development of democratic ideas and their effects on the world; contributions, accomplishments, and historical significance of countries around the globe and their interrelations developing into today’s current situations. Major events studied will include revolutions, imperialism, World War I, World War II, Cold War events, and the development of democracy up to the present.
In the geography portion of this class students will complete maps covering ALL areas of the world, learning names and locations of all countries, capitals, and major physiographic features. Maps will correspond with historical events discussed in class with changes in political boundaries and their historical significance made apparent. All students are required to complete a research paper on the topic of their choice including
history, geography, culture and vital statistics. The library and use of the internet will be implemented. Culture around the world will be studied to develop an appreciation and interest in customs and tradition other than our own. Items of study include varying customs, traditions, religions, foods, clothing, education, values and roles of men and women in that particular culture. Information will interrelate with historical topics and geographical areas studied in class. Activities will include reports, both written and oral, group activities, note-taking, maps, discussion, reading, and writing.

**SPECIAL PROGRAMS - ACADEMIC DECATHLON**

**ACADEMIC DECATHLON**

**GRADE LEVEL 10-12 #1503**

*Enrollment in this class does NOT guarantee a position on the Academic Decathlon Team.*

One-year course, 10 credits

Through research, students will become knowledgeable in ten academic areas. Interview and speech methods will be taught and students will practice and sharpen their research, interview and speech skills. All students will compete in all ten academic areas against other county schools in the early spring. College credit can be earned by participating in this class and in the competition. The overriding goal is to have students with a wide diversity of personal and academic backgrounds and interests.

**TRANSPORTATION PATHWAY**

**SMALL GAS ENGINES #6541**

**GRADE LEVEL 9-12**

**PREREQUISITE: None**

This course is designed to train students for entry-level jobs in the fast growing industry of small engine repair. Students will demonstrate the ability to repair small engines such as lawn, garden, and small engines used in agriculture and industrial sectors. Emphasis is placed on overhaul, repair, adjustment, troubleshooting, and small shop operation. This course prepares students for the Outdoor Power Equipment Industry.

**AUTOMOTIVE SERVICE & MAINTENANCE**

**GRADE LEVEL 10-12**

**PREREQUISITE: Completion of Small Gas Engines with a C or better**

This course introduces students to the servicing and maintenance of the automobile. Students will learn by performing maintenance tasks on engines, brakes, suspension, electrical, fuel systems, and more. Students will also be expected to demonstrate safety in an automotive shop environment. The valuable skills acquired in this class will help students become more marketable in the Transportation Industry.

**SUSPENSION AND STEERING**

**GRADE LEVEL (10-12)**

**PREREQUISITE: Completion of Automotive and Small Gas Engines with a C or better**

This course introduces students to the servicing and maintenance of the automobile. Students will learn by performing maintenance tasks on engines, brakes, suspension, electrical, fuel systems, and more. Students will also be expected to demonstrate safety in an automotive shop environment. Automotive industry standards and certifications will be emphasized. Students who successfully complete this program will be prepared for entry-level positions in the automotive service industry. The valuable skills acquired in this class will help students become more marketable in the Transportation Industry.

**SPECIAL PROGRAMS - AVID**

**AVID (ADVANCEMENT VIA INDIVIDUAL DETERMINATION) P**

**GRADE LEVEL 9 #9078**

**GRADE LEVEL 10 # 9079**

**PREREQUISITE: Application and selection process during the spring semester.**

**STUDENTS MUST HAVE COORDINATOR’S APPROVAL**

The AVID Program takes students in the academic middle with potential (GPA 3.5-2.5). The class emphasizes the elements college-bound students need the most to succeed: test-taking, critical thinking, research, writing, and college awareness. Students are expected to advance by completing the most rigorous curriculum available. AVID students are encouraged to enroll in Advanced Placement courses required for entrance to the University of California. This class demands that students take notes in all their classes and keep their notebooks organized.

**AVID JUNIOR/SENIOR SEMINAR P**

**GRADE LEVEL 11 #9080**

**GRADE LEVEL 12 # 9081**

**PREREQUISITE: Previous enrollment in AVID elective class prior to grade 11 for at least one year. Enrollment in at least one Honors, AP course, or in a college transferable course accepted by the UC/CSU in both 11th and 12th grade years. The AVID Senior Seminar is a two-year interdisciplinary course for AVID juniors and seniors. The course is designed for those students who elect to take a course that prepares them for the rigor required for college work. Students will engage in higher levels WIC-R (writing, inquiry, collaboration, and reading) strategies than experienced in prior years of AVID. This course is organized around the theme of “Leadership as a Catalyst for Change in Society.” In addition to the academic focus of the AVID Senior Seminar, there are college bound activities, methodologies, and talks that should be achieved during the junior and senior year. Support materials will be divided into four semesters surrounding the topics of testing, preparation, exploration, and fit and finance.**

**AVID TUTOR P**

**GRADE LEVEL 12 #9083**

**PREREQUISITE: Application and selection process during the Spring semester. Saturday training days are required. Must be strong in Math or English. MUST HAVE COORDINATOR’S APPROVAL. The AVID TUTOR is a position during the school day. The tutor is responsible for running AVID tutorials two times a week. They will also be in charge of grading binder and tutorials. A must for students wanting to go into education!**

**SPECIAL PROGRAMS - LEADERSHIP**


STUDENT LEADERSHIP
GRADE LEVEL 9-12 #8330
PREREQUISITE: Open to all students who are elected to ASB or selected to a commissioner position. Must fill out an application (see criteria in each application).
One-year course, 10 credits
Student Leadership develops the character, organizational, motivational, and academic skills of the course participants. Students will acquire and practice leadership skills throughout the year that will enable them to plan, organize, and run activities within the school district and the community. All students will participate in service learning projects as well as many other after school activities. This is a service-based course. Enrolled students are required to attend summer meetings as well as sacrifice many days after school and on weekends. Grades are highly dependent on participation and completion of various assignments.

SPECIAL PROGRAMS – LIFE SKILLS
LIFE SKILLS
GRADE LEVEL 9-12 #8486
PREREQUISITE: Recommendation of IEP Team
One-year course, 10 credits
This course is designed to prepare the student for independent living. Topics covered are development of social skills, handling of money, and career planning and training.

SPECIAL PROGRAMS – SCHOOL SERVICES
SCHOOL SERVICES
GRADE LEVEL 11-12 #8310
PREREQUISITE: Junior or senior standing. Students must be academically eligible, meet attendance requirements, and have no major referrals. One semester class, 5 units.
Students work as teachers’ aides, office aides, library aides, and cafeteria aides. Assignments may be scheduled any period of the day. Students seeking school service placement must meet the following qualifications:

1. A complete review of student’s discipline and attendance records.
2. Recommendation by Learning Director.
3. A signed school service contract by both student and staff.

SPECIAL PROGRAMS – TRANSITIONS
TRANSITIONS
GRADE LEVEL 9-12 #8485
PREREQUISITE: Recommendation of IEP Team
One-year course, 10 credits
Students will receive support instruction for general education classes, as well as transitional instruction in personal, career, and post-secondary life planning.

SPECIAL PROGRAMS – SOCIAL SKILLS
SOCIAL SKILLS
GRADE LEVEL 9-12 #8488
PREREQUISITE: Recommendation of the IEP Team
One-year course, 10 credits
Instruction will focus on building foundational social skills required for successful inclusion in high school while preparing students for transition to adulthood.

SPECIAL PROGRAMS – VOCATIONAL TRAINING
VOCATIONAL TRAINING
AGE LEVEL: 16 years or older #8444
PREREQUISITE: Recommendation of IEP Team
One-year course, 10 credits
This course is designed to expose students to the “real world of work.” Students receive classroom and on-site training per individual capability and vocational aptitude.

SPECIAL PROGRAMS – WORK EXPLORATION
WORK EXPLORATION
GRADE LEVEL 12 #1539
PREREQUISITE: Senior Standing, recommendation from CTE instructor and have acceptable attendance.
One-year course, 10 units.
Dual enrollment: FCC, (AT 40), 3 units.
Work Exploration provides job-based learning to seniors who have successfully completed at least one of our CTE (Career Technical Education) classes. Students will be able to take the skills they learned in the classroom and apply them out in the working world. First semester will be spent in the classroom learning various employability skills. During the second semester, students will be placed with a business four days per week for an unpaid work experience, and in the classroom one day. Dually enrolled at FCC (AT 40) for 3 credits.

9th GRADE CONNECTIONS
GRADE LEVEL 9 #1500
PREREQUISITE: Administrative Placement
One-year course, 10 credits
This course is an extension class for English 1P and is designed to provide an additional Tier 2 support in literacy. This supplementary instruction is intended to provide students with the necessary skills and support that will enable them to successfully access the core curriculum.

TRANSPORTATION

SMALL ENGINES
GRADE LEVEL 9-12 #6541
PREREQUISITE: None. One-year course, 10 credits
This course is designed to train students for entry-level jobs in the fast growing industry of small engine repair. Students will demonstrate the ability to repair small engines such as lawn, garden, and small engines used in agriculture. Emphasis is placed on overhaul, repair, adjustment, troubleshooting, and small shop operation. This course prepares students for the Outdoor Power Equipment (OPE) Category 1 Two and Four Stroke Gasoline Engine Technician Certification, an industry recognized certification, through the Outdoor Power Equipment & Engine Service Association (OPEESA) an approved certification through the Equipment & Engine Training Council (EETC).

United States Marine Corps (JROTC)

Concept of USMC JROTC Curriculum
The program stresses leadership education and character development. Training in leadership principles, physical fitness, health, drill, marksmanship, and military organization. Cadets are also taught U.S. History, U.S. Government, Military History, and placed in leadership roles that will enhance their decision-making and critical thinking skills. Cadets are expected to develop positive attitudes, strong moral and ethical values and leadership qualities. They are also required to participate in community service activities that will increase personal responsibility and citizenship.

Grade Levels
Each grade level receives separate and progressive instruction that builds on previous knowledge and experience. The four levels place varying emphasis on each major subject area.
Leadership Education Courses
First through third year courses each contain six major subjects. The fourth year program consists entirely of leadership training through command and staff application and experience. Major subjects are:

1. **Leadership Principles**: The most important of the five courses, it is a series of sub courses that start with an introduction to the basic elements of leadership. Each grade level increases leadership responsibilities and assignment difficulty. Participation by cadets in student clubs and competitive athletics is encouraged.

2. **Physical Fitness and Health Science**: Although the entire cadre corps must anticipate, emphasis is placed on those cadets who do not participate in competitive athletics. Competition, self-satisfaction, and teamwork highlight the sub courses with emphasis on the National Youth Physical Fitness Program, its testing and nationwide annual competition. Proper diet, basic nutrition and the need for an Athletic regimen are stressed. Physical Education (PE) credits are given for all courses. USMC JROTC MAY BE SUBSTITUTED FOR PE COURSES.

3. **Drill and Ceremonies**: Based on the time-tested principles of the close order drill conducted by members of the United States Marine Corps. The sub courses are progressive in nature commencing with basic drill and facing movements, advancing to parades, reviews, and ceremonies. Drill and ceremonial units will participate in local, regional, and national events.

4. **Marksmanship**: A series of sub courses designed to inspire self-confidence, pride, a sense of accomplishment and teamwork. Teamwork is stressed through the formation of rifle teams that will compete in local, regional, and national events.

5. **Military Organization and Orientation**: A series of sub courses that teach Marine Corps history, customs and tradition, and current Marine Corps missions. This series also teaches the U.S. National defense structure.

6. **U.S. Government and History**: A series of sub course that discuss American history with a military/strategic emphasis outlining the value of patriotism and military service to democracy and freedom. Key patriots, key military battles and causes therein are discussed and taught to cadets.

**U.S. MARINE CORPS JROTC ENTRANCE ELIGIBILITY REQUIREMENTS**

Cadets must:

1. Be a Selma High School student.
2. Turn 14 years of age during the school year.
4. Be of good moral character.
5. Be physically and mentally qualified.

6. Maintain academic eligibility.
7. Be drug free.
8. Meet Marine Corps grooming standards.

**LEADERSHIP EDUCATION 1 (LE-1)**
GRADE LEVEL 9-12 #2570
PREREQUISITE: Students must qualify on all USMC JROTC entrance eligibility requirements with the exception of number 6.
One-year course, 10 credits
*Qualifies for PE credit. Sports physical required.
*Meets CSU and UC A-G entrance requirements.
LE-1 introduces the cadre to the major subjects that lay the foundation for the grades that follow. This course emphasizes self-discipline, development of leadership traits, drill and ceremonies and keys on Marine Corps history and traditions and standards of conduct. The LE-1 course is only for students who have never been enrolled in the MCJROTC Program.

**LEADERSHIP EDUCATION 2 (LE-2)**
GRADE LEVEL 10-12 #2571
PREREQUISITE: Students must qualify on all USMC JROTC entrance eligibility requirements and have SMI approval for enrollment. All second-year cadets are enrolled in this course to include those who have not successfully completed LE-1.
One-year course, 10 credits.
*Qualifies for PE credit. Sports physical required.
*Meets CSU and UC A-G entrance requirements.
LE-2 explores each subject in greater detail than LE-1. It emphasizes leadership theory, style and principles. Initial small unit leadership and staff roles and responsibilities are assigned to second year cadets.

**LEADERSHIP EDUCATION 3 (LE-3)**
GRADE LEVEL 11-12 #2572
PREREQUISITE: Students must qualify on all USMC JROTC entrance eligibility requirements, have successfully completed LE-2 and have SMI approval for enrollment.
One-year course, 10 credits
*Qualifies for PE credits. Sports physical required.
*Meets CSU and UC A-G entrance requirements.
LE-3 emphasizes leadership training and application, building on the academics and experience of the first two years. Mid-level leadership command and staff roles and responsibilities are assigned to third year cadets.

**LEADERSHIP EDUCATION 4 (LE-4)**
GRADE LEVEL 12 #2573
PREREQUISITE: Students must qualify on all USMC JROTC entrance eligibility requirements, have successfully completed LE-3 and have SMI approval for enrollment.
One-year course, 10 credits
*Qualifies for PE credits. Sports physical required.
*Meets CSU and UC A-G entrance requirements.
LE-4 is a practical application course where senior cadets manage and administer the cadre corps. Cadets also conduct leadership research and make presentations to students and community groups. Fourth year students also fill senior leadership command and staff positions and participate in LE-1, LE-2, and LE-3 classes as student teachers or class commanders.
CLASS COMMANDER GRADE LEVEL 10-12 #2576
PREREQUISITE: Students must qualify on all USMC JROTC entrance eligibility requirements and have SMI approval for enrollment.
One semester course, 5 credits
*Qualifies for PE credit. Sports physical required.
This course is a leadership application course. Cadets selected for this course are assigned as platoon and squad leaders within LE-1 and LE-2 classes. They will be expected to complete planning, administrative and training tasks in addition to their leadership role. Class Commanders will teach selected subjects to their platoons and act as peer counselors and positive role models.

LEADERSHIP EDUCATION 123 (LE-123 DRILL AND CEREMONIES PLATOON
GRADE LEVEL 9-12 #2577
PREREQUISITE: Students must qualify on all USMC JROTC entrance eligibility requirements and have SMI approval for enrollment. One semester, 5 credits
*Qualifies for PE credits. Sports physical required.
*Meets CSU and UC A-G entrance requirements.
The focus of this combined 1st through 3rd year class is close order drill and ceremonies, as it will contain the MCJROTC Drill Teams. Students must demonstrate and maintain high mastery of general military subjects and close order drill to remain in the course. The same emphasis will be placed on leadership and physical training as the regular LE-1 through 3 course, but there will be less depth to the academics. As the academic focus is less, a student in this class will not be qualified for most senior positions of rank and leadership within the cadet corps unless they also have been enrolled in the regular courses.

DRILL AND CEREMONIES, MARKSMANSHIP AND PHYSICAL TRAINING UNIT (DCMPT)
GRADE LEVEL 9-12 #2575
PREREQUISITE: Students must qualify on all USMC JROTC entrance eligibility requirements and be enrolled in LE-1,2,3, or 4.
One semester course, 5 units
All cadets who join the Drill and Ceremonies Platoon, the Competitive Marksmanship, or Physical Fitness Teams are assigned to this course. The curriculum emphasizes the specialized and detailed instruction required for these specific competitive and service team disciplines.

VALLEY ROP COURSE LISTINGS

WHO IS ELIGIBLE FOR VALLEY ROP?
Any Student residing in the Parlier, Selma, Sanger, Kings Canyon, or Kingsburg High School District.

TRANSPORTATION
Valley ROP does not provide bus transportation to the other schools. Special permission might be obtained for students to take personal autos to the off-campus courses. A “Valley ROP Use of Personal or Family Vehicle Authorization” form must be completed and on file with Valley ROP.

GENERAL
Valley ROP was formed in 1971 to provide quality vocational education to the five participating school districts. Today we provide career-technical education keeping pace with the dynamic work environment. For more information, telephone (559) 876-2122. Valley ROP headquarters is located at: 1305 “Q” Street, Sanger, CA 93657.

DUAL ENROLLMENT consists of college classes offered at Selma High School. Students participating in this program will have to complete a community college application for enrollment at the starting of the spring semester. Participating in this program will ease the transition from high school to college and encourage you to keep pursuing postsecondary education. Upon completion of the course the student receives a community college transcript with the grade and units of the Dual Enrollment course.

DIGITAL VIDEO PRODUCTION ADV®
GRADE LEVEL 12 #8054
PREREQUISITE: Digital Video Production
One-year course, 10 credits
This course is structured to provide students with entry-level knowledge of multimedia production techniques, to prepare for real-world vocational opportunities. Topics of study will include: Sound Characteristics, Sound Console Layout, Audio Recording Machines, microphone design, speaker design, basic lighting, camera operation & composition, Video Recording Machines & techniques, editing and commercial production for advertising. This course will also focus on producing various hands-on projects throughout the year that will give practical application to what is being taught.

AG CONSTRUCTION®
GRADE LEVEL 11-12 #8023
PREREQUISITE: Ag Welding, with grade of “C” or better or permission from instructor.
One-year course, 10 credits.
This course offers students the opportunity to acquire advanced skills in agriculture construction using skills already gained. Students will work with MIG and TIG and work with special metals like aluminum and stainless steel. FFA is an important part of the class.

AG ENGINEERING & FABRICATION®
GRADE LEVEL 11-12 #8028
PREREQUISITE: VROP Ag Construction with a grade of “C” or better or with permission from instructor.
One-year course, 10 credits.
Dual Enrollment: Reedley College, (MAG 44), 3 units
This course is designed to meet the needs of the student who wishes to acquire advanced skills in agriculture mechanics. The student will complete an advanced project of his or her choice. Projects will be adjusted according to ability (Ag farm projects or projects for local farmers). FFA is an important part of the class. (MAG 44) 3 credits at Reedley College.

AG MECHANICS WELDING 1 ®
GRADE LEVEL 9-12 #8140
PREREQUISITE: None.
One-year course, 10 credits; RC, (MAG 40), 3 units
This course is designed to provide students with basic modern Ag shop skills. Students will receive basic instruction in shop safety, tool identification, tool sharpening, concrete, electricity and plumbing, introduction to arc welding, and oxyacetylene welding. FFA is an important part of the class.

AG MECHANICS WELDING 2 ®
GRADE LEVEL 10-12 #8142
PREREQUISITE: None.

40
One-year course, 10 credits; RC, (MAG 41), 3 units. Students will use advanced skills in electricity, wood, plumbing, and concrete work. Students will advance to more advanced welding out of position in SMAW and GMAW steel. Students will also have to complete three small projects and one project on the Ag Farm for a local farmer or the student’s family. FFA is an important part of the class.

**ART ANIMATION 1 P ®**
GRADE LEVEL 9-12 #8062
PREREQUISITE: None. One-year course, 10 credits
Dual Enrollment: FCC, (GRC 24), 3 units
*This course meets the CSU and UC A-G entrance requirements.*

Art Animation uses the computer and graphics software to tell a story through a series of visual images and text on rapidly moving frames. Students will create two-dimensional animations using Flash software and three-dimensional animations using 3D Studio Max. The two dimensional animations are used primarily for web page. The three dimensional animations are used primarily for designing video games, presentations, and movie special effects. Students will learn to use technology, and they will work on individual and cooperative storyboarding, communication of plot and character development. Students will learn to communicate a story through animation.

**CONSTRUCTION TECHNOLOGY Interior & Exterior®**
GRADE LEVEL 11-12 #8025
PREREQUISITE: Introduction to Manufacturing and Engineering and pass CAD with a “C” or better.
Dual Enrollment: CON50A and/or CON50B – FCC 3 units
This year-long course prepares students for the competency skills and knowledge necessary to enter the field of residential and light commercial construction. This year course provides student application at all of the various areas of construction, technology, wood products manufacturing, and interior building construction and will have an emphasis on finish carpentry. Included in the instruction will be specific applications of the career performance standards.

**CRIME SCENE INVESTIGATION (CSI) P ®**
GRADE LEVEL 12 #8014
PREREQUISITE: Criminal Justice
Dual Enrollment: RC, CRIM 8, 3 units
This course develops an awareness of the various components of criminal investigation. Emphasis is placed on the development of attitudes, skills, and competencies related to crime investigation. It introduces the student to the study of criminal investigative techniques and analysis. The focus throughout is collection, protection, and preservation of evidence as it relates to the investigative process. The course emphasizes writing.

**DIGITAL ANIMATION - ADV ®**
GRADE LEVEL 11-12 #8054
PREREQUISITE: Art Animation P One-year course, 10 credits.
*This course meets the high school graduation requirements for one year of art.*

Students will generate art through the use of advanced computer techniques and animation projects. They will draw in one and two-point perspective, animate body expression, create texture maps, research related careers, and script simple video games. By the end of the course, students will create a portfolio with examples of their digital work on a CD.

**DIGITAL VIDEO PRODUCTION ®**
GRADE LEVEL 10-12 #8040
PREREQUISITE: None. One-year course, 10 credits
Students will learn the specialized vocabulary of the film and television industry and develop communication and design to express themselves clearly and concisely in their production of film, video, and television segments. Students will develop ideas individually or within groups, research subject content, script, propose and produce. They will write and create live newscasts and television shows in a variety of formats. They will create and produce documentaries. They will study the art and history of film-making and the creative process that precedes film and television production. Student will study the impact of film and television on society and community from a social, economic, and political viewpoint as well as the reverse impact. A variety of film will be previewed by students in class and analyzed according to historical and cultural aspects, and critiqued based on design and technological attributes. The focus of study is on the creative parts of film and how film is created and produced. Students will create a digital portfolio as a final project.

**ENTREPRENEURSHIP ®**
GRADE LEVEL 10-12 #8160
PREREQUISITE: Sports Entertainment & Marketing
Entrepreneurship is a simulated business that is set up and run by students to prepare them for working in a real business environment. Students learn about Economics--micro and macro—and its relationship to and impact on business operations in the private enterprise system. The students study supply and demand, the Federal Reserve System, taxation by local, state, and federal governments, business organizations, the stock market, and international transactions. The students determine the nature of their business, its products and services, its management and structure, and learn the daily operations of a business under the guidance of a consultant with the support of a real business partner. They use current business software packages and the Internet for business transactions using Economics as a factor in decision making.

**INTRODUCTION TO MANUFACTURING AND ENGINEERING ®**
GRADE LEVEL 9-12 #9206
PREREQUISITE: None. One-year course, 10 credits
Dual Enrollment: FCC, (AT 21), 2 units
In the Introduction of Manufacturing and Engineering Design class students will learn through hands-on projects, the design process and its application on industrial manufacturing. Students use industry standard 2D and 3D modeling software to help them design solutions to solve proposed problems. It provides essential information that builds a strong foundation for the entire program. The course will also introduce concepts of Robotics, covering everything from simple toys to more complex logic and articulation of environmental sensing, recording and actuating devices, as well as automated design and manufacturing machines.

**INTRODUCTION TO CRIMINAL JUSTICE®**
GRADES 11-12 #8013
PREREQUISITE: Principles of Law Enforcement and Public Services. One-year course, 10 credits
Dual Enrollment with RC, CRIM 1, 3 units.
This course is designed to develop an awareness of the various law enforcement occupations. The emphasis is placed on the development of attitudes, skills, and competencies related to the criminal justice system in the U.S. The focus will be on the realities of enforcement and apprehension at the federal, state, and local levels, prosecution, courts, and the disposition of the people charged with the commissions of crimes. Throughout this course writing skills and students’ abilities to deal with people will be stressed.

INTRODUCTION TO GRAPHIC DESIGN AND MULTIMEDIA
GRADE LEVELS 9-12 #8060
PREREQUISITE: None. One-year course, 10 credits
Students develop a foundation in Illustration and Design skills using a variety of drawing media, including graphite, charcoal, pastels, pen and ink, and digital arts related software. Some further exploration of media will take place near the end of the course. Students will create a variety of advertisements, commercials, print layouts, CD covers, business cards, T-shirts, and Web pages using traditional means and digital programs found on Adobe Creative Suite. Students will participate in several individual and group learning activities that include art history, criticism, and aesthetic perception. Students will develop a portfolio of their work for their final grade.

INTRODUCTION TO TEACHING®
GRADE LEVEL 11-12 #8018
PREREQUISITE: Open to juniors and seniors with a 2.75 GPA or better, teacher/Learning Director approval. Dual enrollment: Reedley College, (EDUC 10), 3 units. One-year course, 10 credits at SHS. Introduction to Teaching is a 360-hour course that focuses on the nature and scope of the school system, duties, and opportunities of the professional teacher; factors relative to success in teaching; and credentialing requirements. It requires observations of teacher-pupil interaction, instructional approaches, classroom management in elementary, secondary, and/or middle schools. Students will study education and the issues surrounding the past, present, and future of educational institutions. Students may interview and shadow principals, teachers, custodial staff, or food service personnel. They are assigned positions in the grade level or specialty area of their choice. They observe and then work in small groups with the children under the guidance of the classroom teacher. Students will research what further education is required to reach their professional goals and calculate courses and finances needed. The California Language Arts Standards for Grade 12 are integrated into this curriculum.

MANUFACTURING, DRAFTING, AND ENGINEERING CADD P®
GRADE LEVEL 10-12 #8144
PREREQUISITE: Pass Introduction to Manufacturing and Engineering with a grade of “C” or better. One-year course, 10 credits, Dual enrollment with Fresno City College 3 units (CADD14). This is a beginning course that introduces students to the basics of computer drafting. Students will become familiar with AutoCAD, SolidWorks, and other drafting software programs that will assist them in making all types of drawings used in the industry. Students will also have the opportunity to work with programming and building small, mobile robotics technology. Students will learn AC/DC electrical circuits, pneumatics, and CNC Machines. All projects encourage teamwork, leadership, and problem solving. Students will also have an introduction to Computer Aided Machining for CAD Users.

MEDICAL TERMINOLOGY & FIRST AID AND SAFETY®
GRADE LEVEL 10-12 #8096/8007
PREREQUISITE: None. One-year course, 10 credits
Dual Enrollment: FCC, (HIT 10, 3 units/ AHILTH 100), 2 units
Students will study the body systems including terms in anatomy, physiology, pathology, diagnostics, symptomatic, therapeutic, and pharmacy terms. The First Aid and Safety class certifies students in the American Red Cross First Aid and Safety. Upon completion of the course, students can be certified in adult, infant, and child CPR, which is valid for one year and First Aid and Safety, which is valid for three years.

CERTIFICATION NURSING ASSISTANT (CNA)®
GRADE LEVEL 12 #8008
PREREQUISITE: Students must be Senior status; have an overall GPA of 2.5, and possess a social security number/card or valid Individual Tax ID Number (ITIN). Two-hour block; one-year course, 20 units. Class size limit: 20 students per section. Dual enrollment at Reedley College, (NAT 101), 6 units. This Department of Health Services (DHS) approved course includes classroom instruction and clinical hours in a long term care facility. The course instructs students on how to care for the geriatric resident. An RN or LVN teaches and supervises the class. After successfully completing the required number of hours and maintaining a minimum grade of 70%, the students are eligible to take the CA State Exam to become a Certified Nursing Assistant (CNA). CNAs are in great demand in long-term care facilities, hospitals, assisted living facilities, doctor’s offices, and home health agencies. Students are responsible to pay for the state certification exam ($110).

PRINCIPLES OF LAW ENFORCEMENT AND PUBLIC SERVICES®
GRADE LEVEL 9-12 #8012
PREREQUISITE: NONE
This year long course is designed to give high school juniors and seniors an overview of crime and the Administration of Justice in the United States. The class will specifically explain the hierarchy and inner-workings of the juvenile and adult criminal justice system in California, as well as the civil justice system. It will focus on the realities of enforcement and apprehension at the federal, state, and local levels, prosecution, courts, and the disposition of people charged with the commission of crimes. Students will be exposed to career opportunities in the criminal justice field. During the course, emphasis will be placed on developing reading, writing, interpersonal communication skills, critical thinking, logical reasoning, and problem solving skills. The ability of students to deal with stress, and interact with people will be emphasized as well. Students will learn the value of honesty and integrity in maintaining employment with the justice system.

SPORTS AND ENTERTAINMENT & MULTIMEDIA MARKETING®
GRADE LEVEL 9-12 #8070
PREREQUISITE: None
Dual enrollment: FCC (AT 40), 3 units.
The Multi-Media Marketing is a dynamic course using both creative and advertising systems processes and their practical applications. Students will learn how to effectively communicate with clients to discover project requirements, identify existing and new customers using traditional marketing such as “Print and display output” techniques and new channels for communicating with digital “Multi-Media” and “Social Media” tools. Students will apply their skills in teams that collaborate with school programs and the local business community to produce and develop effective Marketing campaigns projects and presentations using industry standard tools.

**URBAN AND RURAL FIREFIGHTING®**

**GRADE LEVEL 11-12 #8152**

PREREQUISITE: Students must have junior/senior status, a 2.5 minimum GPA. Be a member of a local Fire Explorer program. (Recommended)

Dual Enrollment with FCC, (FIRET 1), 3 units

Two-hour block with approximately 5 Saturday field days; One-year course, 20 credits

The first semester course is designed to prepare individuals for fighting fires and related tests. The course is California State Fire Marshal Firefighter 1 course which prepares students for state certification. Students will learn about fire protection organizations, use and handling firefighting equipment and apparatuses, fire protection and safety, fire behavior and extinguishment methods, rescue and ventilation operations, fire control, and salvage and overhaul of structures. The second semester course is designed to prepare students as medical first responders. The course is an introduction to the emergency medical services system and provides fundamentals for students to improve the quality of emergency care provided as the first person to an emergency scene until emergency medical services arrive. The Emergency Medical Responder (EMR) course is a combination class, which includes didactic lectures, practical skills lab, and mock scenarios. At the completion of the course, the EMR student will be able to integrate: the knowledge and skills needed to handle cardiac arrest victims using AED; the knowledge acquired in Emergency Medical Services preparatory to be used daily; the knowledge and skills necessary to choose the correct airway device for initial and continued oxygen administration; the knowledge and skills needed to perform patient assessment for medical and trauma patients; the knowledge and skills needed to manage patients experiencing medical emergencies; the knowledge and skills needed to manage patients suffering traumatic injuries. Upon successful completion of the course, students will be issued an Emergency Medical Responder Card (EMR) and a Health-care Provider (CPR/AED) Card. Both cards are good for two years.

**VALLEY ROP OFF CAMPUS COURSES®**

These courses are held off-campus. Students are to provide their own transportation. A Valley ROP “Use of Personal or Family Vehicles” form must be completed, signed by parents/guardians. The classes are held in two hour blocks for convenience in commuting.

**AVIATION MAINTENANCE TECHNOLOGY & FLIGHT TRAINING®**

**GRADE LEVEL 11-12 #8099**

PREREQUISITE: GPA of 2.5 or higher (Recommended) (Regional Program at Reedley College) Two-hour block (1:30 p.m. to 3:10 p.m.) Dual enrollment with FLIGHT 101, FLIGHT 102, FLIGHT 103, FLIGHT 104), 7 units of college credit. 10 credits at Selma High School per semester.

This course is designed to train students for entry level Jobs in the fast growing industry of Aviation Maintenance (AMT) and Flight School. Emphasis will be placed on diagnostics, repair adjustment, and troubleshooting for the following systems: Cabin Atmosphere Control Systems; Hydraulic and Pneumatic Power Systems; Aircraft Fuel Systems; and most of the Aviation Systems and controls. The Flight School provides classroom training for individuals seeking a private pilot’s license. Some of the topics covered include principles of flight, aerodynamics, aircraft controls, engine systems, basic weather and services for pilots, navigation, radio communication, and Federal Aviation Regulations applicable to beginning pilots flying under visual flight rules.

**ENGINEERING TECHNICIAN®**

**GRADE LEVEL 12 #8102**

PREREQUISITE: GPA 2.5 or above-94% attendance record RECOMMENDED: Intro to Engineering, CADD, Ag Mechanics, Manufacturing Welding

UC “g” approved for 2021 school year

(Regional Course at Reedley College) 2-hour block (1:30 p.m. to 3:10 p.m.)

This course provides students learning opportunities for Engineering Design Principles and Manufacturing processes. The course emphasizes the graphic language, mechanical drawing, 2D/3D modeling for students interested in preparing for careers in the design prototype models and then manufacture it using computer numerical controlled (CNC) rapid equipment, routers, and lathes. Students will also receive training on the fundamentals of hydraulic and electrical systems including theory, application and troubleshooting.

**WILDLAND FIREFIGHTING®**

**GRADE LEVEL 12 #8150**

PREREQUISITE: Urban/Rural Fire Fighting (Priority Registration) Students must have senior status and a 2.5 minimum GPA (Recommended). Excellent attendance. Dual enrollment: RC, (NR 5, NR 8, NR 110, NR 133), 5.5 units.

10 credits at Selma High per semester

(Regional Program at Reedley College) 2-hour block (1:30 p.m. to 3:10 p.m.) with 5 Saturday field days

This course provides an introduction to fire protection. Presents career opportunities in fire protection and related fields. This course also introduces students to the USDA Forest Service (USFS) and prepares them with basic firefighting and conversation entry level skills. Classroom instruction, demonstration, and hands-on field application will be given in basic firefighting, standards for survival, etc.
### SCHOLARSHIP SEARCH ENGINES

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**Scholarship Scams:**

1. If you must pay money to get money, it might be a scam.
2. If it sounds too good to be true, it probably is.
3. Spend the time, not the money.
4. Never invest more than a postage stamp to get information about scholarships.
5. Nobody can guarantee that you’ll win a scholarship.
6. Legitimate scholarship foundations do not charge application fees.
7. If you are suspicious of an offer, it’s usually with good reason.
SELMA UNIFIED SCHOOL DISTRICT

is a...

-Drug Free

-Alcohol Free

-Tobacco Free

...zone