



Each Sonora High School student will receive one catalog. Additional copies may be purchased for \$5 each.

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Mission Statement Of Sonora Union High School

Sonora High School is a place where students feel a sense of ownership and recognition, is committed to providing a personal educational program that engages students in a broad-based curriculum where they recognize the value of their education and can define Success for themselves.

Core Values Of Sonora Union High School

We Believe...

- That personal accountability and integrity are fundamental
- That a strong work ethic benefits the individual and society
- That successful relationships are built on honesty and respect
 - That every individual has the potential to make a positive contribution
- That families share the responsibility for a successful society
 - That community service benefits all
 - That learning is a continuous process

Expected Schoolwide Learning Results

Sonora High School expects its students to be accountable to, and responsible for the following:

- Meet or exceed California State Standards for all academic areas.
- Develop a viable post high school plan.
- Respect diversity
- Demonstrate civic and personal responsibility.
- Communicate appropriately in a variety of media
- Value education, a healthy lifestyle and life-long learning.

INTRODUCTION

Our goal is to guide students toward academic success and future employment. Therefore, sound planning and thoughtful course selection are critical in order for students to make the most of their four years in high school.

This course catalog describes the courses and programs at our school. The introductory pages outline graduation requirements, college entrance requirements, and other district programs. Please use it as a tool in the registration process.

It is intended that students and parents review this catalog together in order to make informed decisions about educational programs that will interest and challenge their intellect. Students are encouraged to select an academically rigorous program in order to develop their full potential.

Guidance counselors are available to advise both students and parents regarding course selection and college/career preparation. Counselors complete classroom presentations at every grade level covering graduation requirements, post-secondary options, UC/CSU entrance requirements, and 4-year planning (at the freshman level) before the registration process begins each year. Each student also receives an individual counseling appointment to review transcripts and to ensure that they are on track for graduation and future goals.

GUIDELINES FOR CHOOSING A COURSE

As you study this catalog and read the brief course descriptions, you are encouraged to consider the following guidelines before selecting courses that you would like to take next year:

1. **Graduation Requirements** – Carefully check the graduation requirements.
2. **College Entrance Requirements** – Look for courses required by colleges and universities.
3. **Career Plans** – Look for courses that can help you with possible career goals.
4. **Your Interests** – Look for courses that let you pursue your own personal interests.
5. **Parent Approval** – Talk with your parents about your course choices and have them sign your ballot.
6. **Teacher Recommendation** – Talk with your teachers about your course choices and get their recommendations.

The assignment of teaching staff for the upcoming school year will be based upon the data gathered from course selection. The number of students requesting each course offered will determine which courses will be offered and the number of teachers needed to teach these courses. Therefore, students should plan and select their courses carefully. It will be extremely difficult to change a course once a selection is made.

WITHDRAWAL FAILURE AND NO CREDITS:

Schedule changes after the first six weeks will result in a WF (withdrawal failure grade) and no credits earned for the class that has been dropped. In addition, the WF grade will appear on your transcript and will be used in calculating the GPA (zero grade points received out of four possible.)

GRADES AND CREDITS

Our school year is divided into two semesters and four quarters. Semester grades are the ones that will appear on a student's permanent records. Quarter grades and semester grades are used to calculate eligibility. **Progress reports**, issued midway through each grading period, serve as a warning to students who have a grade that is below a C-.

For each class you take and pass, you will earn five credits per semester for a total of 10 credits. In order to graduate in four years, you need to earn 60 credits per year and at least 240 credits by graduation time. Please refer to the table that follows on page 5 for specific graduation requirements.

WEIGHTED GRADES

Sonora High School uses a traditional A-F grading system. Grade points assigned are 4,3,2,1 and 0 for A, B, C, D, and F, respectively. AP classes earn weighted grade points. For example, an A in an AP class is worth five points rather than four. By taking an AP class, your GPA could be higher than 4.0. A "D" in an AP class, however, is worth only 1 GPA point.

MAKING UP CREDITS

If you fall behind in the number of credits you need for graduation, you will need to make them up if you want to graduate with your classmates. The following are some opportunities to help you:

Summer School

Please refer to the current summer school application or contact your counselor for current summer school information.

"0" Period classes

Students may earn an additional five credits per semester for taking a "0" period class. Course offerings at "0" period are very limited and often require instructor approval. Students should talk with their counselor for additional information.

Community college

Students can concurrently enroll at Columbia College to earn additional credits. Enrollment in Math and English classes require students to take and pass placement tests. All classes at Columbia College have not been approved for high school credit. Students should see their counselor before registration to obtain a concurrent enrollment form and to receive additional information about approved classes.

GRADUATION REQUIREMENTS:

1. Students must pass the California High School Exit Exam.
2. Students must earn a total of 240 credits.
3. Students must fulfill all subject requirements listed below.

English (E)	English	4	40
Math (M)	Must complete 2 different math classes. Completion of Math 1 or equivalent is required.	2	20
Science (SC)	Life Science	1	10
	Physical Science	1	10
Social Studies (SS)	World History	1	10
	US History	1	10
	Amer Gov't/Economics	1	10
Life Skills (LS)	Life Skills/Tech.	1	10
Fine Arts (FA) <u>OR</u> Foreign Lang (FL)	Visual Art Performing Art Foreign Language Career Tech Ed	1	10
Vocational Skills (V)	Ag, Industrial Art Business/Computer Career Tech Ed	1	10
PE	PE 1 & 2 or PE 1 & PE 2 Fitness	2	20
Electives * (EL)	See * below		80

*Elective credits are given to any class that is taken after the student has completed the graduation requirement in that area.

HONOR ROLL REQUIREMENTS
HONOR ROLL.....3.3 GPA
PRINCIPAL'S HONOR ROLL.....3.6 GPA

COLLEGE ENTRANCE REQUIREMENTS

Area	Subject	Years	Sonora High School Required and Acceptable Courses
A	Social Science	2 years	World History 1 –2 or AP European History US Hist 1-2 or US Hist 1-2 AP Amer Govt (1 semester) or US Govt and Politics AP (1 semester)
B	English	4 years	Eng 1 CP or Eng 1 A Eng 2 CP or Eng 2 A Eng 3 CP or Amer Lit AP Eng 4 CP or World Lit AP
C	Math	3 years (4th year recom'd)	Algebra 1 or Math 1 or Math 1 H Geometry or Geometry H or Math 2 Algebra 2, Trig/Analysis, Statistics AP, Calculus AB AP, Calculus BC AP
D	Science (1 year/Physical Science 1 year/Life Science)	2 years of lab science (3rd year recom'd)	Biology 1-2 P or Biology 1-2 H Chemistry CP or Chemistry H Adv. Biology, AP Biology, Physics CP, AP Physics
E	Foreign Language	2 years (3rd year recom'd)	French 1, 2, 3, 4 Spanish 1, 2, 3, 4 AP
F	Visual/Performing Arts	1 year	Basic Art, Advanced Art, Drama, Advanced Drama, Advanced Band, Wind Ensemble, Jazz Band, Photography, Concert Choir
G	College Prep Elective		All courses listed in the above categories may satisfy the “G” requirement. Other classes are: Psychology CP/ AP Psychology Economics CP (1 semester), Economics H (1 semester)

Middle College



MIDDLE COLLEGE IS A SONORA HIGH SCHOOL PROGRAM IN PARTNERSHIP WITH COLUMBIA COLLEGE, WHERE STUDENTS TAKE HIGH SCHOOL AND COLLEGE COURSES.

This program is designed for students who wish to pursue a higher education while completing their high school graduation requirements. Juniors and seniors can be admitted into the program through an application process. They are required to take three classes on the Sonora High School campus, one of which is an independent Middle College study skills class, and then are free to take classes at Columbia College.

Students work very closely with the Middle College Coordinator, Columbia College counselor, and Sonora High counselor to make sure that they are taking classes applicable to high school graduation and their post high schools goals.

How do I get more information?

Additional information is available in the Sonora High School counseling office or online at <http://sonorahs.k12.ca.us/shs/>.

REQUIREMENTS FOR EXTRACURRICULAR ACTIVITIES

Students in grades 9 through 12 who receive failing marks, or incompletes, in two or more subjects or who do not maintain a “C” (2.0) average on the quarter or semester report cards will be ineligible to participate in any and all extracurricular activities. In addition, if a student receives two unsatisfactory marks in conduct/behavior on quarter or semester report cards, they are also ineligible. The ineligibility will be in effect until the next quarter or semester report card is issued.

An “extracurricular activity” is defined as a program of out-of-class pursuits, usually supervised and/or financed by the school (sports, clubs, drama productions, etc.). These activities are not offered for credit toward graduation and are available to students who voluntarily elect to participate.

SPORTS: Athletic packets can be picked up in the front office.

CLUBS: You can sign up for clubs in the Mall at lunch during “Club Dayz” which are held approximately the third week of school.

CLUBS

ACADEMIC DECATHLON
AMERICAN FIELD SERVICE
ANIME CLUB
ART CLUB
BLOCK “S”
CALIFORNIA SCHOLARSHIP FEDERATION
FRENCH CLUB
FRIDAY NIGHT LIVE
FUTURE FARMERS OF AMERICA
GAY STRAIGHT ALLIANCE
INTERACT CLUB
JUNIOR STATESMEN OF AMERICA
PING PONG CLUB
“S” CLUB
SCIENCE CLUB
SNOWRIDERS
STUDENTS FOR THE FUTURE
TRAP CLUB
WALK THE TALK

NCAA ELIGIBILITY CENTER

The following requirements must be met in order for a student to be able to practice, play, and receive an athletics scholarship at NCAA Division I or II college or university:

DIVISION I

16 core courses:

- 4 years of English
English 1CP, 2CP, 3CP, 4CP
English 1A, 2A
American Lit AP, World Lit AP
- 3 years of Math
Math 1 CP, Math 1H, Math 2 CP, Geometry CP, Geometry H, Algebra 2 CP,
Trig/Analysis CP, Statistics AP, Calculus AB AP, Calculus BC AP
- 2 years of Science
Biology 1&2 CP, Biology 1&2H, Advanced Biology CP,
Chemistry CP, Chemistry H, Physics CP, Physics AP, Biology AP
- 1 year of additional English, Math, or Science
- 2 years of Social Science
World History 1 & 2 CP, AP European History, U.S. History 1&2 CP,
U.S. History 1&2 AP, American Gov't CP,
U.S. Gov. & Politics AP, Economics CP, Economics H,
Psychology CP, Psychology AP
- 4 years of additional core courses (any of the above, foreign language, or non-doctrinal religion/philosophy)

GPA and SAT: see sliding scale on the web site

DIVISION II

14 core courses:

- 3 years of English
- 2 years of Math
- 2 years of Science
- 2 years of additional English, Math, or Science
- * **3 years 2013 and after**
- 2 years of Social Science
- 3 years of additional core courses (any of the above, foreign language, or non-doctrinal religion/philosophy)
- * **4 years 2013 and after**

GPA: minimum 2.0 for core courses

SAT: minimum score of 820 (critical reading and math only)

*** For more info. see the NCAA eligibility website at www.eligibilitycenter.org/

Agriculture

0636 Ag 1

The Intro to Agriculture course helps students acquire a broad understanding of a variety of agricultural areas, develop an awareness of the many career opportunities in agriculture, participate in occupationally relevant experiences, and work cooperatively with a group to develop and expand leadership abilities. Students study California agriculture, agricultural business, agricultural technologies, natural resources, and animal, plant, and soil sciences.

Prerequisite: None

Grades: 9-12

Meets Graduation Requirement: Ag 1 + Ag 2 = 1 year Life Science (LS), Vocational (V)

Meets UC/CSU “a-g” subject area: None

0637 Ag 2

The Agrosience II/Advanced Agriculture course helps students acquire an advanced understanding of a variety of agricultural areas, develop an awareness of the many career opportunities in agriculture, participate in occupationally relevant experiences, and work cooperatively with a group to develop and expand leadership abilities. Students study California agriculture, agricultural business, agricultural technologies, natural resources, and animal, plant, and soil sciences.

Prerequisite: AG 1

Grades: 10-12

Meets Graduation Requirement: Ag 1 + Ag 2 = 1 year Life Science (LS), Vocational (V)

Meets UC/CSU “a-g” subject area: None

0622 Ag Earth Science

The course satisfies the Physical Science requirement for graduation. Students will learn about the earth’s geology and natural resources, minerals, plate tectonics, the solar system, the earth’s atmosphere, climate and weather, and California agriculture.

Prerequisite: None

Grades: 9-12

Meets Graduation Requirement: Physical Science (PS)

Meets UC/CSU “a-g” subject area: None

0104 Ag Leadership and Management

This course is designed to assist students in developing their knowledge, attitudes, skills, and aspirations regarding leadership development in agriculture. Students will acquire skills in public speaking, parliamentary procedure, marketing, and community service. Students will also organize, prepare, and implement the Sonora High School Agriculture FFA program of activities. Supervised Agriculture Experience (SAE) is required.

Prerequisite: Previous Ag class, showing animal at fair, or teacher recommendation

Grades: 10-12

Meets Graduation Requirement: Vocational (V), Fine Art (FA)

Meets UC/CSU “a-g” subject area: None

Art

0151 Basic Art

This course is the prerequisite for Advanced Art 1, Advanced Art 2, and Studio Art. Students will learn the fundamentals of art, design, composition, and proportion as they create 2D and 3D works of art that emphasize the individual Elements of Art. They will learn techniques for the production using a variety of artistic mediums such as drawing, painting, collage, printmaking, and sculpting materials. They will learn about a variety of artists, cultures and purposes of art, and will be able to identify and state relevance and historical significance of some famous artwork.

Prerequisite: None

Grades: 9-12

Meets Graduation Requirement: Fine Art (FA)

Meets UC/CSU “a-g” subject area: f

0141 Advanced Art 1

This course is for students who have passed Basic Art and wish to continue in-depth study of art and to develop their own artistic skills. In this class students will focus on the development of skills, using multiple artistic mediums. They will explore topics in art related to self, heredity, culture, traditions, nature, environment and more. Students will build on their understanding of the Elements of Art, learn about the Principles of Design, and experiment with ways to interweave these building blocks to create dynamic works of art. This course is a requirement for Advanced Art 2.

Prerequisite: Basic Art

Grades: 10-12

Meets Graduation Requirement: Fine Art (FA)

Meets UC/CSU “a-g” subject area: f

0142 Advanced Art 2

This course is for students who have passed Advanced Art 1 and wish to continue in-depth study of art and to develop their own artistic skills. In this class students learn about periods in art and experiment with artistic styles and techniques perfected by artists throughout history. Students develop their own artistic styles, incorporating techniques that they have learned, as they create artworks that reflect personal and cultural values and more. Students interested in preparing for a possible career in art learn how to present their work and are encouraged to begin building portfolios of their projects.

Prerequisite: Advanced Art 1

Grades: 11-12

Meets Graduation Requirement: Fine Art (FA)

Meets UC/CSU “a-g” subject area: f

0191 Studio Art

This course is for students who have passed Advanced Art 2 and wish to continue individual projects in advanced art. Students need to be serious, self motivated and able to create project proposals and meet deadlines. Students must use class time productively to continue in studio art. Students interested in preparing for a possible career in art are encouraged to create portfolios of their projects.

Prerequisite: Advanced Art 2

Grade: 11-12

Meets Graduation Requirement: Fine Art (FA)

Meets UC/CSU “a-g” subject area: None

Business/Computers

0218 Criminal & Civil Law

First semester is designed to lay the foundation for the study of the law and to present the law of contracts. Covers over 100 topics such as criminal law, the law of torts, the court system, defective agreements, importance of warranties, and consumer protection.

Second semester integrates relevant personal law topics to present the law as students would encounter it in life. Topics covered are as follows: employment contracts and minors employment, employee protection and equal opportunity, marriage formalities and restrictions, renting an apartment, buying a house, family insurance protections, divorce and its legal consequences, borrowing money, starting a business, pensions, social security, health care and wills.

Prerequisite: None

Grades: 11-12

Meets Graduation Requirement: Vocational (V)

Meets UC/CSU “a-g” subject area: None

0217 Creative Computers

This course is designed for the student who is interested in unlocking his/her creative capabilities using a computer. Students will use the Adobe Creative Suite (Illustrator and Photoshop) to create designs and illustrations, edit digital photographs, create 3D objects and animations, edit digital video to create short movies, and design web pages. In addition students will use a laser cutter and a 3d printer to turn their creations into usable objects.

Prerequisite: None

Grades: 9-12

Meets Graduation Requirement: Vocational (V), Fine Art (FA)

Meets UC/CSU “a-g” subject area: None

0220 Introduction to Programming

In this class we will learn how to program PC games, using the Java Programming language and the Greenfoot environment. Students will learn general programming principles in a modern, object-oriented programming language and have fun along the way. The approach used in the class has been called “serious fun” - we do something interesting, and learn something useful along the way.

Prerequisite: None

Grades: 9-12

Meets Graduation Requirement: Vocational (V), Fine Art (FA)

Meets UC/CSU “a-g” subject area: None

0243 Game Programming for the XBOX

This is a second year course designed for students who aspire to be computer programmers and game developers. Students learn the knowledge, skills, and abilities necessary to design and create games for the PC, the Xbox, and other consoles in the C# programming language.

Prerequisite: Introduction to Programming

Grades: 10-12

Meets Graduation Requirement: Vocational (V), Fine Art (FA)

Meets UC/CSU “a-g” subject area: None

Career/Technical Education

0443 Auto

This course will cover the fundamentals of the internal combustion engine. Included, but not limited to, safety in shop environment, tool identification and proper usage, vehicle component identification and basic fuel systems. The second semester will cover automotive maintenance, suspension, brakes, tune-up, and basic electrical. This class is a prerequisite for Auto Advanced Services and Auto Specialty.

Prerequisite: None

Grades: 9-12

Meets Graduation Requirement: Vocational (V), Fine Art (FA)

Meets UC/CSU “a-g” subject area: None

0426 Home Improvement

This is for the student interested in basic home improvement topics. Items covered in this course include basic hand and power tool use, as well as simple outdoor building projects. Other topics include basic plumbing, drywall, electrical, HVAC, finish carpentry, flooring, masonry, and weatherization. This is a hands-on class with many small projects that correspond with the instructional units.

Prerequisite: None

Grades: 9-12

Meets Graduation Requirement: Vocational (V), Fine Art (FA)

Meets UC/CSU “a-g” subject area: None

0445 Welding

This course is designed for the student with no prior knowledge of welding. The course will cover shop safety, metal cutting processes and shielded metal arc welding (welding).

Prerequisite: None

Grades: 9-12

Meets Graduation Requirement: Vocational (V), Fine Art (FA)

Meets UC/CSU “a-g” subject area: None

0446 Advanced Welding

This course is designed to advance the skills of students with previous welding experience. The primary goal will be to certify students in shielded metal arc welding practices. Each student will be evaluated in all four welding positions using 6010 and 7018 welding electrodes. This program is articulated with Butte College and Columbia College.

Prerequisite: Welding

Grades: 10-12

Meets Graduation Requirement: Vocational (V), Fine Art (FA)

Meets UC/CSU “a-g” subject area: None

0589 Construction Tech 1 & 2 / 0590 Construction Tech 3 & 4

Students will prepare for entry-level jobs in the building industry. Instructional training will be offered in plans and blue prints, material and labor costs, ordering materials, work layout, use of hand tools, project construction, legal code requirements and building permits, and related occupational information. This program will provide opportunities for students to achieve and experience the sequence of construction and the skills required to complete tasks in residential construction. Two periods daily.

Prerequisite: None

Grades: 11-12

Meets Graduation Requirement: Vocational (V), Fine Arts (FA)

Meets UC/CSU “a-g” subject area: None

0550 Automotive Advanced Services

This course is designed to instruct students in skills that will enable them to seek entry-level positions in the Automotive Service Industry. This course will cover the fundamentals of automotive repair and entry-level skills in maintenance, tires and wheel balancing, basic electrical, braking systems, tune-up, engine repair, steering and suspension, heating and air conditioning. This program is articulated with Columbia College Automotive Program. Two periods daily.

Prerequisite: *Auto*

Grades: 11-12

Meets Graduation Requirement: Vocational (V), Fine Arts (FA)

Meets UC/CSU “a-g” subject area: None

0586 Auto Specialty

This course is a continuation of the Auto Advanced Services course. This class will cover computer system diagnosis, fuel systems, emission systems and engine performance. Included will be drive-train diagnosis and service and safety, security and navigation systems. Two periods daily.

Prerequisite: *Auto and Automotive Advanced Services*

Grades: 11-12

Meets Graduation Requirement: Vocational (V), Fine Arts (FA)

Meets UC/CSU “a-g” subject area: None

0599 Emergency First Responder

Emergency First Responder program focuses on training in Emergency Services. Classroom and skills lab include: Emergency Medical Responder, FEMA disaster relief, AHA BLS Health Care Provider CPR, and Incident Command Systems. Eligible students must be free from communicable diseases, must have TB skin test, Tdap, and proof of MMR and influenza vaccine within first semester of program. Violations of California State Ed. Code during enrollment may result in program dismissal, or affect participation in community events at the instructor’s discretion.

Prerequisite: *None*

Grades: 11-12

Meets Graduation Requirement: Vocational (V), Fine Arts (FA)

Meets UC/CSU “a-g” subject area: None

0363 Foods

This course is designed to give students a basic understanding of cooking. Emphasis will be a hands-on learning environment. Students will be focusing on basic knife skills, safety and sanitation, hygiene and basic household utensils and tools.

Prerequisite: *None*

Grades: 10-12

Meets Graduation Requirement: Vocational (V), Fine Art (FA)

Meets UC/CSU “a-g” subject area: None

0598 Culinary Arts

This course is designed to give students real life working knowledge of the restaurant industry. Emphasis will be hands-on learning in small groups. Students will be focusing on Serve Safe, advanced knife skills, food prep, catering, recipe creations, menu engineering and food costing. This class is articulated with Columbia College Hospitality Management. Two periods daily.

Prerequisite: *Foods*

Grades: 11-12

Meets Graduation Requirement: Vocational (V), Fine Arts (FA)

Meets UC/CSU “a-g” subject area: None

0576 Health Careers

Health Careers is an introduction to the career opportunities available in health care. Classroom theory will include health and safety, body structure and function, commonly used medical terminology, and basic patient care skills including measurement of vital signs. A variety of health careers will be explored incorporating the importance of professionalism, communication skills and employment strategies. Students will be required to participate in a variety of hospital and professional office settings such as medical and dental clinics, surgical, obstetrics, emergency urgent care and physical therapy. (Job shadowing opportunities are determined by subject availability and subject to change). Eligible students must be free from communicable diseases, must have TB skin test, Tdap, and proof of MMR and influenza vaccine if under 18 years of age. Violations of California State Ed. Code during enrollment may result in program dismissal at the instructor’s discretion. Two periods daily.

Prerequisite: Recommended Biology, 2.0 GPA and good attendance.

Grades: 11-12

Meets Graduation Requirement: Vocational (V), Fine Arts (FA)

Meets UC/CSU “a-g” subject area: None

0588 Cosmetology

18 month course. The classroom and practical experience offered is governed by the Board of Barbering and Cosmetology through Consumer Affairs. The training prepares the student to take the State Cosmetology exam, and if the student passes the exam, the Board of Barbering and Cosmetology will issue a license to practice cosmetology in the State of California. The course length is 1600 clock hours and takes approximately 18 months to complete. Education includes the following: wet hair styling, hair color, thermal styling, permanent waving, relaxers, facials, acrylic nails, bacteriology, anatomy, health and safety, sanitation, salon management, and client relations. Students should be seriously interested in the field of cosmetology and have a genuine concern for the public. **A cosmetology kit, textbook and workbook are required. Students may purchase a complete kit for \$350. Textbooks will be checked out and returned by a specific date before graduation from Sonora Union High School District classes.** Students must provide mandatory appropriate uniforms. Students may be placed on a waiting list beginning the second semester of their sophomore year. Three periods daily (0, 1, and 2).

Prerequisite: Recommended courses: One year of life science and art, good attendance and 2.0 GPA

Grades: 11-12

Meets Graduation Requirement: Vocational (V), Fine Arts (FA)

Meets UC/CSU “a-g” subject area: None

0583 Digital Photography CP

Digital Photography is designed to give the student a working knowledge of digital photography and computer layout and design. Students are acquainted with the principles and operation of the high-end digital SLR camera and the point-and-shoot camera. They will learn photographic and lighting techniques, image composition, image retouching and enhancement, and special effects; through the use of Adobe Photoshop, and other imaging software programs.

Prerequisite: None

Grades: 10-12

Meets Graduation Requirement: Vocational (V), Fine Art (FA)

Meets UC/CSU “a-g” subject area: f

0597 Advanced Digital Photography

The CTE Advanced Digital Photography course is open to 2nd year Digital Photography students with instructor approval. The program is designed to further educate students in the use of the high-end digital SLR camera and studio lighting techniques. Students will learn advanced photographic skills, as well as a number of innovative computer techniques to digitally manipulate photos in Adobe Photoshop, the top editing software program among professionals and photography enthusiasts alike.

Prerequisite: Digital Photography and instructor approval

Grades: 12

Meets Graduation Requirement: Vocational (V), Fine Art (FA)

Meets UC/CSU “a-g” subject area: f (pending)

0580 Marketing MOCSE Credit Union

The CTE Marketing course is a course designed to give students a real work environment while learning all aspects of a financial institutions. Students will receive instruction in the history of credit unions, policies, procedures, service & sales culture, budgeting, marketing, and investing. Students will be assisting MOCSE members. Additional hours are offered to students at lunch and after school at minimum wage.

Prerequisite: Excellent attendance, 2.0 GPA and work permit required for any student under the age of 18. Paid training is required for the first two weeks in August.

Grades: 11-12

Meets Graduation Requirement: Vocational (V), Fine Art (FA)

Meets UC/CSU “a-g” subject area: None

0572 Wild Land Fire Fighter

The Wildland Fire Fighter course provides the student with a fundamental understanding of all aspects of fire control with an emphasis on wildland firefighting. Students learn basic fire science and fire behavior principles. National certificates awarded for successful completion include: I-100 Introduction to Incident Command System, S-130 Basic Wildland Fire Fighter, S-190 Intro to Wildland Fire Behavior, L-180 Human Factors on the Fire Line and S-133 Look Up, Down and Around. History of the fire service, fire apparatus, fire prevention, fire codes and building construction are covered. The safe use of hand tools, hose lines and self-contained breathing apparatus (SCBA) is a hands-on experience. Students will be required to wear a uniform and specified work boots. The student must be in good shape and a physical exam with respiratory clearance is required. This course is aligned with the Columbia College Fire Academy. Two periods daily.

Prerequisite: None

Grades: 11-12

Meets Graduation Requirement: Vocational (V), Fine Arts (FA)

Meets UC/CSU “a-g” subject area: None

English

0253 English 1A (Accelerated)

For motivated college-bound freshmen who have met the criteria to enter an accelerated class. Surveys the literary genres; begins instruction of literary analysis and expository composition. Includes vocabulary development and grammar, speaking/listening, and research skills. The completion of nightly homework assignments, participation in daily discussions, and fulfillment of independent reading assignments are required for success in this challenging course. Students in this course will require little, if any, specific preparation for the high school exit exam.

Prerequisite: Placement test & teacher recommendation

Grades: 9

Meets Graduation Requirement: English (E)

Meets UC/CSU “a-g” subject area: b

0251 English 1CP

Focuses on the study of the novel, the short story, drama, poetry, and non-fiction to improve reading comprehension and composition skills. Introduces students to literary analysis and inferential reading. Also includes vocabulary development, grammar instruction, and public speaking. Prepares students to take the high school exit exam.

Prerequisite: Placement test & teacher recommendation

Grades: 9

Meets Graduation Requirement: English (E)

Meets UC/CSU “a-g” subject area: b

0270 English 1

For freshmen who need instruction in basic writing and study skills. Accommodations for special-needs students are built into the course; classroom instruction is highly structured and proceeds at a slower pace than English 1CP. The California Standards will be addressed in the areas of remedial writing strategies, vocabulary and mechanics. A wide variety of reading selections will be used to practice reading skills and support sentence, paragraph, and essay development. For students who need specific and extensive preparation for the high school exit exam.

Prerequisite: Placement test & teacher recommendation

Grades: 9

Meets Graduation Requirement: English (E)

Meets UC/CSU “a-g” subject area: None

0255/0275 Read 180

For freshmen who have difficulty with reading skills and have tested significantly below grade level. This is an intensive reading intervention program that addresses the needs of struggling readers on several fronts by using instructional software, high interest literature, and direct instruction in reading, writing, and vocabulary skills. Students must enroll for two periods and also meet Title I participation requirements. Students receive both English and elective credit. Two periods daily.

Prerequisite: Placement test & teacher recommendation

Grades: 9

Meets Graduation Requirement: English (E) & Elective (EL)

Meets UC/CSU “a-g” subject area: None

0269 Intervention English 1

For freshmen who need strategic intervention and support in basic writing, and study skills. Freshmen enrolled in this course have tested below grade level, have specific learning needs that require additional support and intervention strategies. Placement in course is based on teacher recommendation and placement test scores. Accommodations for special-needs students are built into the course; classroom instruction is highly structured and proceeds at a slower pace than English 1. The California Standards will be addressed in the areas of remedial writing strategies, vocabulary and mechanics. A wide variety of reading selections will be used to practice reading skills and support sentence, paragraph, and essay development. For students who need specific and extensive preparation for the high school exit exam.

Prerequisite: Placement by intervention committee only

Grades: 9

Meets Graduation Requirement: English (E)

Meets UC/CSU “a-g” subject area: None

0254 English 2A (Accelerated)

For motivated college-bound sophomores who have met the criteria to enter an accelerated class. Focuses on the study of the novel, the short story, drama, poetry, and nonfiction to improve reading comprehension and composition skills. Also includes vocabulary development and grammar, speaking/listening and research skills. The completion of homework assignments, participation in daily discussion, and fulfillment of independent reading assignments are required for success in this challenging class. For students who require little, if any, specific preparation for the high school exit exam.

Prerequisite: Teacher recommendation

Grades: 10

Meets Graduation Requirement: English (E)

Meets UC/CSU “a-g” subject area: b

0252 English 2CP

Continues to focus on the study of the novel, the short story, drama, poetry, and non-fiction to improve reading comprehension and composition skills. Continued practice in literary analysis and inferential reading. Continued instruction in vocabulary development, grammar, and public speaking. Prepares students to take the high school exit exam.

Prerequisite: Teacher recommendation

Grades: 10

Meets Graduation Requirement: English (E)

Meets UC/CSU “a-g” subject area: b

0271 English 2

For sophomores who need remedial instruction in basic writing and study skills.

Accommodations for special-needs students are built into the course; classroom instruction is highly structured and proceeds at a slower pace than English 2CP. The California Standards will be addressed in the areas of writing strategies, vocabulary, and mechanics. Prepares students for the High School Exit Exam through the use of writing simulations and practice tests.

Prerequisite: Teacher recommendation

Grades: 10

Meets Graduation Requirement: English (E)

Meets UC/CSU “a-g” subject area: None

0282 Intervention English 2

For sophomores who require specific intervention with basic writing and study skills.

Accommodations for special-needs students are built into the course; classroom instruction is highly structured and proceeds at a slower pace than English 2. The California Standards will be addressed in the areas of writing strategies, vocabulary, and mechanics. Prepares students for the High School Exit Exam through the use of writing simulations and practice tests.

Prerequisite: Placement by intervention committee only

Grades: 10

Meets Graduation Requirement: English (E)

Meets UC/CSU “a-g” subject area: None

0279 American Literature AP (Advanced Placement)

For academically talented juniors who have met the criteria to enter the English Advanced Placement program. Emphasizes the development of literary analysis and composition skills through the study of American Literature. Also includes the study of vocabulary, grammar, mechanics, and usage as they relate to the development of a mature writing style. Prepares students to take the Advanced Placement Language and Composition Examination. The completion of nightly homework assignments, participation in daily discussions, and completion of long-term assignments such as outside reading and a research paper are required for success in this challenging course. A summer reading assignment is required. (“A” = 5 points)

Prerequisite: Teacher recommendation

Grades: 11

Meets Graduation Requirement: English (E)

Meets UC/CSU “a-g” subject area: b

0261 English 3 CP

Offers opportunities to improve literary analysis and composition skills through the study of American literature. Also includes the development of vocabulary, grammar, mechanics, speaking/listening skills, and research skills through reading, writing, and discussion.

Prerequisite: Teacher recommendation

Grades: 11

Meets Graduation Requirement: English (E)

Meets UC/CSU “a-g” subject area: b

0272 English 3

For juniors who have not passed the High School Exit Exam and/or need work on basic writing skills. This course emphasizes the skills required to complete the Senior Exit project as well as basic sentence, paragraph, and essay structure.

Prerequisite: Teacher recommendation

Grades: 11

Meets Graduation Requirement: English (E)

Meets UC/CSU “a-g” subject area: None

0278 Intervention English 3

For juniors who require specific interventions with basic writing and study skills. Students enrolled in the course may not have passed the High School Exit Exam and may need work with basic writing skills. This course emphasizes the skills required to complete the Senior Exit project as well as basic sentence, paragraph, and essay structure.

Prerequisite: Placement by intervention committee only

Grades: 11

Meets Graduation Requirement: English (E)

Meets UC/CSU “a-g” subject area: None

0297 World Literature AP (Advanced Placement)

For academically talented seniors who have met the criteria to enter the English Advanced Placement program. Emphasizes the development of literary analysis and composition skills through the study of World Literature. Also includes the study of vocabulary, grammar, mechanics, and usage as they relate to the development of a mature writing style. Prepares students to take the Advanced Placement Literature and Composition Examination. The completion of nightly homework assignments, participation in daily discussions, and completion of long-term assignments such as outside reading and a research paper are required for success in this challenging course. All students complete the Senior Project and take the AP Literature and Composition Exam in spring semester. A summer reading assignment is required. (“A” = 5 grade points)

Prerequisite: Teacher recommendation

Grades: 12

Meets Graduation Requirement: English (E)

Meets UC/CSU “a-g” subject area: b

0262 English 4 CP

Includes reading, expository writing, library research, grammar, speaking/listening and resume writing. Focuses on preparing seniors for the Senior Project in spring semester.

Prerequisite: Teacher recommendation

Grades: 12

Meets Graduation Requirement: English (E)

Meets UC/CSU “a-g” subject area: b

0259 Intervention English 4

For seniors who require specific interventions with basic writing and study skills. Students enrolled in the course may not have passed the High School Exit Exam and may need work with basic writing skills. This course emphasizes the component parts of the Senior Exit project as well as the basic skills necessary to compose, complete and comprehend workplace documents.

Prerequisite: Placement by intervention committee only

Grades: 12

Meets Graduation Requirement: English (E)

Meets UC/CSU “a-g” subject area: None

0788 ESL

This is a multi-leveled class of students with varying English proficiencies. It is designed to allow students to grow in their English skills at a pace that best fits their learning style and needs. The class textbook is Visions and supplemental materials include Rosetta Stone. Time is given for support in other academic classes.

Prerequisite: CELDT Scores, teacher recommendation

Grades: 9-12

Meets Graduation Requirement: English (E)

Meets UC/CSU “a-g” subject area: None

Math

0862 Basic Math Review

Basic Math Review serves as a math 1 support class for Math 1 students whose placement test scores indicated a likely need for extra assistance. The support class provides additional practice of the material being taught in the student's primary Math 1 class, supplementary instruction, and previews of upcoming material. In addition, basic skills are reviewed and reinforced when appropriate.

Prerequisite: Placement test/Teacher recommendation

Grades: 9

Meets Graduation Requirement: Elective (E)

Meets UC/CSU "a-g" subject area: None

0451 Math 1 CP

Math 1 is the first year of a three year integrated mathematics program that covers the California Common Core State Standards. Instruction in Math 1 will focus on six critical areas: (1) extend understanding of numerical manipulation to algebraic manipulation; (2) synthesize understanding of a function; (3) deepen and extend understanding of linear relationships; (4) apply linear models to data that exhibit a linear trend; (5) establish criteria for congruence based on rigid motions; (6) apply the Pythagorean Theorem to the coordinate plane.

Prerequisite: Placement test/Teacher recommendation

Grades: 9-12

Meets Graduation Requirement: Math (M)

Meets UC/CSU "a-g" subject area: c

0477 Math 1 H

Math 1 H is an honors level college-prep course that is the first year of a three year integrated mathematics program that covers the California Common Core State Standards. Instruction in Math 1 will focus on six critical areas: (1) extend understanding of numerical manipulation to algebraic manipulation; (2) synthesize understanding of a function; (3) deepen and extend understanding of linear relationships; (4) apply linear models to data that exhibit a linear trend; (5) establish criteria for congruence based on rigid motions; (6) apply the Pythagorean Theorem to the coordinate plane, all with a greater rigor than the basic college prep Math 1 course.

Prerequisite: Placement test/Teacher recommendation

Grades: 9-12

Meets Graduation Requirement: Math (M)

Meets UC/CSU "a-g" subject area: c

0469 Intervention Math 1A

Intervention Math 1A is a one year course that moves at a slower pace than the basic college prep Math 1 class. Intervention Math 1 covers portions of the same curriculum as Math 1 CP.

Prerequisite: Placement by intervention committee only

Grades: 9-12

Meets Graduation Requirement: Math (M)

Meets UC/CSU "a-g" subject area: None

0479 Intervention Math 1B

Intervention Math 1B is a one year course that moves at a slower pace than the basic college prep Math 1 class. Intervention Math 1 covers portions of the same curriculum as Math 1 CP that were not covered in Intervention Math 1A.

Prerequisite: Placement by intervention committee only

Grades: 9-12

Meets Graduation Requirement: Math (M)

Meets UC/CSU “a-g” subject area: None

0478 Math 2 CP

Math 2 CP is the second year of a three year integrated mathematics program that covers the California Common Core State Standards. This course will help students see the relationship between Algebra, Geometry and Statistics. Instruction in Math 2 will focus on six critical areas; (1) quadratic functions; (2) Exploration of the different number systems; (3) data and probability; (4) similarity in triangles; (5) geometric proofs; (6) Volume of cylinders, pyramids and cones.

Prerequisite: Completion of Math 1 with a C or better

Grades: 9-12

Meets Graduation Requirement: Math (M)

Meets UC/CSU “a-g” subject area: c

0476 Algebra 2 CP

This is a college-prep course, further investigating the ideas of graphing, functions, equation solving, and trigonometric concepts. Series, logarithms, imaginary numbers, inverses and families of functions will also be covered. There is an emphasis on “real world” applications. A graphing calculator is highly recommended for this class.

Prerequisite: Completion of Geometry or H Geometry with a C or better

Grades: 9-12

Meets Graduation Requirement: Math (M)

Meets UC/CSU “a-g” subject area: c

0490 Trigonometry/Analysis CP

This is a college prep course open to all students who have successfully completed the equivalent of one year of Algebra II. Trigonometry/Analysis is the equivalent of Pre-Calculus. Course content includes trigonometric functions and graphs, quadratic functions, exponential and logarithmic functions and graphs, radian and degree measurement, laws of sines and cosines, etc. A graphing calculator is highly recommended for this class.

Prerequisite: Completion of Algebra 2 with a C or better

Grades: 10-12

Meets Graduation Requirement: Math (M)

Meets UC/CSU “a-g” subject area: c

0493 Calculus AB AP

This course is designed for the college bound student who wishes to take the College Board AB Calculus Advanced Placement Exam to receive one semester college credit or placement in college courses with a qualifying score. The course explores the ideas and properties pertaining to functions, graphs, limits, continuity, differential and integral calculus, and their basic applications. A graphing calculator is highly recommended for this class. (“A” = 5 grade points)

Prerequisite: Completion of Trigonometry with a C or better

Grades: 11-12

Meets Graduation Requirement: Math (M)

Meets UC/CSU “a-g” subject area: c

0495 Calculus BC AP

This course is designed for the college bound student who wishes to take the College Board BC Calculus Advanced Placement Exam to receive one full year of college credit or placement in college courses with a qualifying score. This course develops the ideas and properties of functions, graphs, limits, continuity, differential and integral calculus, and more advanced applications. Additional topics include vector functions, parametric equations, sequences and series. A graphing calculator is highly recommended for this class. (“A” = 5 grade points.)

Prerequisite: Completion of Calculus AB AP with a C or better

Grades: 11-12

Meets Graduation Requirement: Math (M)

Meets UC/CSU “a-g” subject area: c

0498 Statistics AP

This course is designed for the college bound student who wishes to take the College Board Advanced Placement Exam to receive credit for a one semester introductory college statistics course. This course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. These conclusions will have a sound mathematical basis drawn from the laws of probability. A graphing calculator is highly recommended for this class. (“A” = 5 grade points)

Prerequisite: Completion of Algebra 2 with a C or better

Grades: 11-12

Meets Graduation Requirement: Math (M)

Meets UC/CSU “a-g” subject area: c

0468 Technical Math

Technical Math is designed to help develop and refine job-related mathematical skills. The course focuses on arithmetic operations, problem-solving techniques, estimation of answers, measurement skills, geometry, data handling, simple statistics, and the use of algebraic formulas to solve problems. The problems require the use of arithmetic, geometry, algebra, and simple trigonometry to solve problems from the world of work.

Prerequisite: Completion of Algebra 1 or Math 1

Grades: 10-12

Meets Graduation Requirement: Math (M)

Meets UC/CSU “a-g” subject area: None

Performing Arts

0700 Beginning Band

Open to all students interested in learning to play a band instrument. No music experience required. **Students are expected to enroll for the entire year.**

Prerequisite: None

Grades: 9-12

Meets Graduation Requirement: Fine Art (FA)

Meets UC/CSU “a-g” subject area: None

0704 Concert Band

“Golden Regiment”

Open to all students with experience playing a band instrument. The band will perform at home football games in the fall and concerts during winter. Spring activities include the Round-Up Parade. **Students are expected to enroll for the entire year.**

Prerequisite: None

Grades: 9

Meets Graduation Requirement: Fine Art (FA)

Meets UC/CSU “a-g” subject area: None

0702 Advanced Band CP

“Golden Regiment”

Open to students with experience playing a band instrument. The band will perform at home football games in the fall and concerts during winter. Spring activities include the Round-Up Parade. **Students are expected to enroll for the entire year.**

Prerequisite: Concert Band

Grades: 10-12

Meets Graduation Requirement: Fine Art (FA)

Meets UC/CSU “a-g” subject area: f

0701 Wind Ensemble CP

“Golden Regiment”

Open to students, by audition, with experience playing a band instrument. The band will perform at home football games in the fall and concerts during winter. Spring activities include the Round-Up Parade. **Students are expected to enroll for the entire year.**

Prerequisite: Try out / Teacher recommendation

Grades: 10-12

Meets Graduation Requirement: Fine Art (FA)

Meets UC/CSU “a-g” subject area: f

0703 Jazz Band CP

This class meets "0" period and/or "7th" period and will perform at selected events and festivals.

Prerequisite: Concurrent enrollment in Concert Band, Advanced Band or Wind Ensemble

Grades: 9-12

Meets Graduation Requirement: Fine Art (FA)

Meets UC/CSU "a-g" subject area: f

0706 Beginning Guitar

Opportunity to learn guitar. Must provide own acoustic guitar. Students learn music notation and theory, open and movable power chords, single note melodies, and major/minor scales. Students will play in 1st and 5th position. Music includes rock, blues, classical and other styles.

Prerequisite: None

Grades: 9-12

Meets Graduation Requirement: Fine Art (FA)

Meets UC/CSU "a-g" subject area: None

0722 Concert Choir CP

Students will learn and perform music for unison, 2-part, 3-part, and 4-part voices. A variety of music is sung including Concert, Broadway, Jazz and popular styles. Emphasis on tonal blend, correct breathing and posture, diction, and placement. Some after school concerts and rehearsals will be required.

Prerequisite: None

Grades: 9-12

Meets Graduation Requirement: Fine Art (FA)

Meets UC/CSU "a-g" subject area: f

0725 Drama CP

Beginning drama is a one year course that is open to all students. This course gives students the opportunity to become familiar with drama in general and various dramatic activities. Also offers students the chance to act on stage and develop their talents in this area.

Prerequisite: None

Grades: 9-12

Meets Graduation Requirement: Fine Art (FA)

Meets UC/CSU "a-g" subject area: f

0726 Advanced Drama CP

Designed for serious drama students. Focuses on the reading and performance of monologues, scenes, and one act plays. Develops specific acting skills (voice, movement, and character) and furthers the understanding of acting theory and textual analysis.

Prerequisite: Drama

Grades: 10-12

Meets Graduation Requirement: Fine Art (FA)

Meets UC/CSU "a-g" subject area: f

Physical Education

0512 Physical Education 1

Students will participate in a variety of units including weight room, aquatics, dance, archery, track and team sports. Development of aerobic capacity, muscular strength, and endurance are emphasized. Fitness logs are maintained to record individual data and monitor student progress. Mandatory State Physical Fitness testing will be conducted in the spring.

Prerequisite: None

Grades: 9

Meets Graduation Requirement: Physical Education (PE)

Meets UC/CSU “a-g” subject area: None

0513 Physical Education 2

Emphasizes individual development in the areas of aerobic capacity, muscular strength, and endurance. Units covered are team sports, net sports, gymnastics, and basic water rescue, This course focuses on activities that encourage a lifetime of participation and appreciation for life long fitness. Fitness logs are maintained to record individual data and monitor student progress.

Prerequisite: Physical Education 1 and a minimum average fitness score of 50% on SHS Fitness Tests administered during PE 1

Grades: 10

Meets Graduation Requirement: Physical Education (PE)

Meets UC/CSU “a-g” subject area: None

0514 Physical Education 2 Fitness

Increased emphasizes on individual development in the areas of aerobic capacity, muscular strength, and endurance. Units covered are team sports, net sports, gymnastics, and basic water rescue, This course focuses on activities that encourage a lifetime of participation and appreciation for life long fitness. Fitness logs are maintained to record individual data and monitor student progress.

Prerequisite: Fitness score of less than 50% on the SHS Fitness Test administered during PE 1

Grades: 10

Meets Graduation Requirement: Physical Education (PE)

Meets UC/CSU “a-g” subject area: None

0510 Athletics

This course will include varsity interscholastic competition and preparation. When not in sport season, athletes will participate in a rigorous conditioning program. Students are enrolled for the duration of the semester. **Completion of this class does not count towards the PE credit requirements for graduation.**

Prerequisite: Placement on a Varsity Athletic team

Grades: 11-12

Meets Graduation Requirement: Elective (E)

Meets UC/CSU “a-g” subject area: None

0541 Team Sports, Weights & Conditioning

Co-ed. Offered **1st and 2nd semester**. This course offers instruction, lecture, practice, and tournament play in specific team sports. Emphasis is on developing basic skills, strategies, and learning the rules of these activities. Weight training will emphasize the building of strength, power, stamina, and endurance.

Prerequisite: Completion of PE 2 or concurrent enrollment in PE 2 with instructor approval

Grades: 10-12

Meets Graduation Requirement: Elective (E)

Meets UC/CSU “a-g” subject area: None

0653 Life Skills

This freshman only class meets the Life Skills requirement for graduation and covers various state requirements. Course content includes: orientation to high school, career information, study skills, technology, sex education, peer and adult relations, health and safety issues, and drivers education.

Prerequisite: None

Grades: 9

Meets Graduation Requirement: Life Skills (LS)

Meets UC/CSU “a-g” subject area: None

Science

0618 General Biology

General Biology is an introduction to basic biology including cells, chemistry, genetics, ecology, and body structure and function, with an emphasis on practical application. General Biology will satisfy the life science component required for graduation, but does not meet the UC/CSU A-G subject area requirement for lab science.

Prerequisite: None

Grades: 9-12

Meets Graduation Requirement: Life Science (LS)

Meets UC/CSU “a-g” subject area: None

0639 Intervention Life Science

Intervention Life Science is an introduction to basic biology including cells, chemistry, genetics, ecology, and body structure and function, with an emphasis on practical application. This course will satisfy the life science component required for graduation.

Prerequisite: Placement by intervention committee only

Grades: 9-12

Meets Graduation Requirement: Life Science (LS)

Meets UC/CSU “a-g” subject area: None

0602 Biology 1 & 2 CP

This course meets the UC/CSU requirements for a laboratory science for the college prep student. This course includes a detailed study of the diversity of life, genetics, biochemistry, ecology, and cellular biology. Successful completion of this course meets the one-year Sonora High School life science requirement for graduation. Daily homework is required.

Prerequisite: Concurrent enrollment in Math 1 or higher

Grades: 9-12

Meets Graduation Requirement: Life Science (LS)

Meets UC/CSU “a-g” subject area: d

0604 Biology 1 & 2 Honors

This course meets the UC/CSU requirements for laboratory science for the accelerated student. Includes a detailed study of the diversity of life, genetics, biochemistry, and ecology. Students are introduced to the modern biology of genetic engineering and biotechnology. Successful completion of this course meets the one-year Sonora High School life science requirement for graduation. Students are required to keep a laboratory notebook and to do a presentation of relevant current events. Field trips possible, depending on class size.

Prerequisite: Concurrent enrollment in Math 1 or higher and “B” or better in prior math and science classes

Grades: 9-12

Meets Graduation Requirement: Life Science (LS)

Meets UC/CSU “a-g” subject area: d

0609 Advanced Biology CP

This rigorous, one year course is for motivated students desiring a challenging second year biology course that meets the University of California a-g requirements for a laboratory science. Major units of study will include, but not be limited to, diversity of life, biochemistry, biological processes, comparative anatomy, genetics, ecology, and biotechnology techniques. Students are required to keep a laboratory notebook and to participate in presentations of relevant current events. Participation and completion of college appropriate labs are required. Participation in all-day field trips are expected. Computer access and daily homework is required.

Prerequisite: CP or Honors Biology with a “B” or better; CP or Honors Chemistry with a “B” or better; and previous teacher’s recommendation.

Grades: 11-12

Meets Graduation Requirement: Life Science (LS)

Meets UC/CSU “a-g” subject area: d

0619 Applied Earth Science

Applied Earth Science is an activity based course designed to allow students the opportunity to learn about the role of physical and chemical processes that have formed the universe as we know it as well as the unique planet on which we live. This course is designed to meet the physical science requirement for graduation, but does not meet UC/CSU A-G subject area requirement for lab science.

Prerequisite: None

Grades: 9-12

Meets Graduation Requirement: Physical Science (PS)

Meets UC/CSU “a-g” subject area: None

0638 Intervention Physical Science

Intervention Earth Science is an activity based course designed to allow students the opportunity to learn about the role of physical and chemical processes that have formed the universe as we know it as well as the unique planet on which we live. Main topics include, but are not limited to, geology, meteorology, astronomy, and oceanography. This course is designed to meet the physical science requirement for graduation.

Prerequisite: *Placement by intervention committee only*

Grades: 9-12

Meets Graduation Requirement: Physical Science

Meets UC/CSU “a-g” subject area: None

0613 Chemistry CP

This is an upper division course that meets the UC/CSU requirements for a laboratory science. The course is designed to give the student an understanding of matter and its interactions at both the macroscopic and at the atomic level using laboratory investigations and problem solving techniques. This course requires a substantial amount of time outside of class and involves daily homework. Students must be able to use Algebra skills and a scientific calculator. This course meets the science standards adopted by Sonora High, as well as the physical science requirement for graduation. Regular attendance is mandatory for success in this laboratory-oriented class.

Prerequisite: “C” or better in Biology; “C” or better in Geometry/Math 2; concurrent enrollment in Algebra 2 or higher recommended; and/or teacher recommendation.

Grades: 10-12

Meets Graduation Requirement: Physical Science (PS)

Meets UC/CSU “a-g” subject area: d

0635 Chemistry Honors

This course meets the UC/CSU requirements for a laboratory science. It is designed for the student planning future studies in a science related field at the college level. Chemistry topics covered are the same as those in CP Chemistry, but in greater depth and with more strenuous mathematical expectations. The student will be required to exhibit analytical thinking skills and multiple problem solving abilities including the use of a graphic calculator. Additional projects or papers will be assigned on related topics. Laboratory work is integral to the course. The course draws heavily on the student’s math background and requires substantial time outside of class including daily homework. Honors Chemistry meets the physical science requirement for graduation. Regular attendance is mandatory for success in this laboratory-oriented class. This course does not have a **weighted** grade (NO 5.0 “A”).

Prerequisite: “C” or higher in Honors Biology; “B” or higher in CP Biology; “B” or higher in Math 2/Geometry; Concurrent enrollment in Algebra 2 or higher; and/or teacher recommendation.

Grades: 10-12

Meets Graduation Requirement: Physical Science (PS)

Meets UC/CSU “a-g” subject area: d

0617 Physics CP

For the college bound student intending to take physics at the college level. This class studies the laws of physics and their applications. Subjects of study include motion and forces, conservation of energy and momentum, thermodynamics, waves, and electricity. Daily homework is required.

Prerequisite: Geometry/Math 2 with a “B” or better; Chemistry recommended

Grades: 11-12

Meets Graduation Requirement: Physical Science (PS)

Meets UC/CSU “a-g” subject area: Pending

0610 Advanced Placement Biology

This rigorous, one year course is for motivated college bound students desiring a challenging second year biology course that meets the University of California a-g requirements for a laboratory science. Major units of study will include, but not be limited to, diversity of life, biochemistry, biological processes, comparative anatomy, genetics, ecology, and biotechnology techniques. Students are required to keep a laboratory notebook and to participate in presentations of relevant current events. Participation and completion of college appropriate labs are required. Participation in all-day field trips are expected. Summer work assignments, computer access and daily homework during the school year are required. This course prepares the student for the required Advanced Placement Biology exam.

Prerequisite: CP or Honors Biology with a “B” or better; CP or Honors Chemistry with a “B” or better; or teacher recommendation

Grades: 11-12

Meets Graduation Requirement: Life Science (LS)

Meets UC/CSU “a-g” subject area: Pending

0616 Advanced Placement Physics

This rigorous, one year course is for motivated college bound students desiring a challenging physics course that meets the University of California a-g requirements for a laboratory science. Major units of study will include, but not be limited to Newton’s Laws, kinematics, and angular motion, mechanical waves and sounds and simple circuits, as outlined by the College Board for the “Physics 1” course. Students are required to keep a laboratory notebook and to participate in presentations of relevant current events. Participation and completion of college appropriate labs are required. Participation in all-day field trips are expected. Summer work assignments, computer access and daily homework are required. This course prepares the student for the required Advanced Placement Physics 1 exam.

Prerequisite: CP or Honors Biology with a “B” or better; Concurrent enrollment or completion of Algebra II or teacher recommendation

Grades: 11-12

Meets Graduation Requirement: Physical Science (PS)

Meets UC/CSU “a-g” subject area: Pending

0627 Applied Physics/Pre-Engineering

This course is a hands-on project-based course that uses elements of design, mathematics, physics, trial and error, and re-trial to build and test a system that meets certain guidelines as presented by the instructor. Students will learn basic concepts of STEM, use creativity, collaborate with team members, and complete a set number of projects throughout the school year.

Prerequisite Qualify for entry into Honors Geometry

Grades: 9-10

Meets Graduation Requirement: Physical Science (PS)

Meets UC/CSU “a-g” subject area: Pending

Social Studies

0668 World History 1 & 2 CP

In the first semester: An overview of the traditional societies of the major cultural regions of the world is given; Africa, Middle East, South Asia, the Americas, and Europe. Focus turns to the western world, tracing the rise of democratic ideas, with an appreciation and understanding of the historical roots of current world issues, especially as they pertain to international relations. Next, there is an extrapolation from the American experience that democratic ideals are often achieved at a high price, and that they remain vulnerable and are not practiced everywhere in the world. In the second semester: Major turning points that shaped the modern world, from the late 18th century through the present, including the cause and course of the two world wars are studied. Current world issues and how they are related to their historical, geographical, political, economic, and cultural contests are considered. In order to better understand international relations from a variety of perspectives, multiple accounts of events are explored.

Prerequisite: None

Grades: 10

Meets Graduation Requirement: World History (WH)

Meets UC/CSU “a-g” subject area: a

0682 Intervention World History

This course is designed for students who require support in social science. This course examines major historical turning points in the shaping of the modern world. Students compare the present with the past, evaluating the consequences of past events and decisions, to determine the lessons that were learned.

Prerequisite: Placement by intervention committee only

Grades: 10

Meets Graduation Requirement: World History (WH)

Meets UC/CSU “a-g” subject area: None

0670 European History AP

This course covers the main themes of European history from 145– to 2003 and fulfills the state requirement for sophomore World History. It is the only AP level course offered at the sophomore level and because of its extreme difficulty is only recommended for the most motivated of students. Students are expected to read all required material outside of class and to participate in class discussions about the material during class. This may require 10 hours or more of homework per week! Outstanding writing and thinking skills will be needed in order to analyze primary source documents and write historical evaluations. Students are expected to take the AP European history exam at the end of the course. Participating universities will award students a 1. GPA increase for any student scoring at least a “C” in the course. Attending the AP meeting in the spring of your freshman year and completing the assigned summer reading are both highly recommended.

Prerequisite: Teacher recommendation

Grades: 10

Meets Graduation Requirement: World History (WH)

Meets UC/CSU “a-g” subject area: a

0658 US History CP

Emphasis is given to the westward movement, industrial development, and the impact of the United States in world affairs and domestic problems. Geography, culture, politics, and economics are also studied. Focus is placed upon 20th century history.

Prerequisite: None

Grades: 11

Meets Graduation Requirement: US History (UH)

Meets UC/CSU “a-g” subject area: a

0683 Intervention US History

This course is designed for students who require support in social science. This course examines the formation of the United States from colonization to the end of the Viet Nam War. Major domestic and foreign policies are covered as well as influential people, philosophical trends, social issues and cultural issues in United States history.

Prerequisite: Placement by intervention committee only

Grades: 11

Meets Graduation Requirement: US History (UH)

Meets UC/CSU “a-g” subject area: None

0659 US History AP

This course is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in United States history and to prepare students to take the Advanced Placement U.S. History examination in May (a course requirement). Students assess historical materials—their relevance to a given interpretive problem, their reliability, and their importance—and weigh the evidence and interpretations presented in historical scholarship. Students will develop the skills necessary to arrive at conclusions on the basis of informed judgment and to present reasons and evidence clearly and persuasively in essay format. Successful fulfillment of the course requirements will earn a grade based on a weighted scale (“A” = 5 grade points).

Prerequisite: Teacher recommendation

Grades: 11

Meets Graduation Requirement: US History (UH)

Meets UC/CSU “a-g” subject area: a

0687 US Government and Politics AP

The Advanced Placement program is intended to provide qualified students with a secondary school credit equivalent to a one semester college introductory course in American government and politics. This course is designed to give students a critical perspective in both the study of general concepts used to interpret American politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that comprise American political reality.

Prerequisite: Teacher recommendation

Grades: 12

Meets Graduation Requirement: Government

Meets UC/CSU “a-g” subject area: a

0686 American Government & Civics

This course is designed to provide students with the opportunity to increase political awareness through the study of the American political system including: the structure and function of the three branches, the rights and responsibilities of citizens, the development of political parties, the election process, and the role of the United States in international relations. Civic responsibility and exploration of civic involvement are part of the curriculum.

Prerequisite: None

Grades: 12

Meets Graduation Requirement: Government

Meets UC/CSU “a-g” subject area: a

0676 Economics CP

Designed to enable students to understand the principles of economics and of the American economic system. Both macroeconomics and microeconomics are studied. Students will compare the system used in the United States to those of other countries and make reasonable judgments about personal, policy, and political questions.

Prerequisite: None

Grades: 12

Meets Graduation Requirement: Economics

Meets UC/CSU “a-g” subject area: g

0688 Economics Honors

Advanced study of the Economics curriculum. Students must also enroll in AP U.S. Government and Politics.

Prerequisite: Teacher recommendation

Grades: 12

Meets Graduation Requirement: Economics

Meets UC/CSU “a-g” subject area: g

0675 Psychology CP

This course deals with the psychology of personality and mental health. The student will develop an understanding of healthy and unhealthy behaviors, participate in experiments designed to increase comprehension, and learn the basic “college approach” to coursework. The Peer Helper component of the course adds listening skills, assistance techniques, and conflict resolution techniques.

Prerequisite: None

Grades: 11-12

Meets Graduation Requirement: Elective (EL)

Meets UC/CSU “a-g” subject area: g

0681 Psychology AP

The AP Psychology course stresses critical thinking, reading, and writing within the context of scientific methodology and questioning. Students are introduced to the major topical areas of psychology by studying core concepts and theories and by learning the basic skills of psychology research. A thematic approach is used to provide students with tools for mastering the broad content area of an introductory course. These themes include: nature vs. nurture; multiple factors influence behavior; psychology is empirical, and psychology is theoretically diverse.

Prerequisite: None

Grades: 11-12

Meets Graduation Requirement: Elective (EL)

Meets UC/CSU “a-g” subject area: g

World Languages

0301 Spanish 1 CP

This course has a communicative approach. The order is listening, speaking, reading and writing. Content is based on dialogue, memorization, and drills. Includes familiarization with cultural aspects.

Prerequisite: None

Grades: 9-12

Meets Graduation Requirement: Foreign Language (FL)

Meets UC/CSU “a-g” subject area: e

0302 Spanish 2 CP

This course focuses on reading and conversation for practice in pronunciation and enlargement of vocabulary, oral drills, grammar and verb forms, writing, and dictation. It also stresses appreciation of cultural aspects with emphasis on communication. Students are strongly encouraged to take their foreign language in sequential years. Completion of regular homework is necessary for success.

Prerequisite: Completion of Spanish 1 with C or better

Grades: 10-12

Meets Graduation Requirement: Foreign Language (FL)

Meets UC/CSU “a-g” subject area: e

0303 Spanish 3 CP

This course focuses on reading and conversation for practice in pronunciation and enlargement of vocabulary, oral drills, grammar and verb forms, writing, and dictation. It also stresses appreciation of cultural aspects with emphasis on communication. Students are strongly encouraged to take their foreign language in sequential years. Completion of regular homework is necessary for success.

Prerequisite: Completion of Spanish 2 with C or better

Grades: 11-12

Meets Graduation Requirement: Foreign Language (FL)

Meets UC/CSU “a-g” subject area: e

0319 Spanish 4 AP

The course is designed for the student who intends to take the Spanish Language Advanced Placement Exam. It covers the equivalent of a third-year college course in advanced Spanish reading, writing, and conversation. It encompasses advanced aural/oral skills, reading comprehension, grammar, and composition. *(To obtain the “5-point A” in semester 1, the student will satisfactorily complete a special project. In semester 2, the student will take the AP exam.)*

Prerequisite: Completion of Spanish 3 with C or better

Grades: 12

Meets Graduation Requirement: Foreign Language (FL)

Meets UC/CSU “a-g” subject area: e

0311 French 1 CP

This course has a communicative approach with emphasis on vocabulary, description of preferences, daily activities, clothing, objects, etc. Regular and irregular verbs are taught in the present and future tenses. Content is based on dialogues, vocabulary lists, grammar presentations, and familiarization with aspects of French cultures.

Prerequisite: None

Grades: 9-12

Meets Graduation Requirement: Foreign Language (FL)

Meets UC/CSU “a-g” subject area: e

0312 French 2 CP

An expansion of previous curriculum. More reading and longer pieces of writing are required. Verb usage expands to include the past tense. Use of object pronouns is a major grammatical focus. This course includes emphasis on idiomatic usage of common verbs and cultural focus on holidays, traditions, geography, and monuments of France.

Prerequisite: Completion of French 1 with C or better

Grades: 10-12

Meets Graduation Requirement: Foreign Language (FL)

Meets UC/CSU “a-g” subject area: e

0313 French 3 CP

This course has strong emphasis on developing specific vocabulary. Weekly writing assignments and correction encourage proper use of French grammar. Grammar focus includes imperfect past, future and conditional tenses, as well as the subjunctive mood. Cultural studies focus on art, music, and French history. Most classroom activities will be conducted in French.

Prerequisite: Completion of French 2 with C or better

Grades: 11-12

Meets Graduation Requirement: Foreign Language (FL)

Meets UC/CSU “a-g” subject area: e

0314 French 4 CP

This course is a continuation of French 3 curriculum. Reading will include French tales and legends, and The Little Prince. Cultural emphasis is on Francophone countries and their cultures. All classroom activities will be conducted in French. This class is usually given in the same period and in the same classroom as French 3. This course is offered when four or more qualified students sign up.

Prerequisite: Completion of French 3 with C or better

Grades: 11-12

Meets Graduation Requirement: Foreign Language (FL)

Meets UC/CSU “a-g” subject area: e

Miscellaneous Electives

0791 Leadership

Topics covered include communication skills, listening skills, and group dynamics. This course is designed for students elected to the student council or class office, but is open to all students who are on track to graduate. Leadership is an activity class where punctuality and attendance are critical. Hours outside of class are required. Enrollment is subject to teacher approval.

Prerequisite: Teacher approval

Grades: 9-12

Meets Graduation Requirement: Elective (EL)

Meets UC/CSU “a-g” subject area: None

0280 Academic Tutor

This course is designated for students who are extremely proficient in a particular area of study e.g., foreign language, auto, math. Students in this program are not only involved in special projects of their own, but they are also called upon to tutor first year students in the particular subject area. Students receive a letter grade for this course.

Prerequisite: Teacher approval

Grades: 11-12

Meets Graduation Requirement: Elective (EL)

Meets UC/CSU “a-g” subject area: None

0755 School Service

Students work in the counseling office, registrar’s office, attendance office, career center, custodial center, bus yard, or cafeteria. Typing is required in some areas and recommended in others. Good attendance is mandatory. Pass/Fail grade only. **Only 10 credits total can be earned for TA/School Service in high school.** Students need to contact the staff member for whom they would like to work to obtain signature on required form.

Prerequisite: Teacher approval

Grades: 11-12

Meets Graduation Requirement: Elective (EL)

Meets UC/CSU “a-g” subject area: None

0750 Teacher Assistant

A contract must be completed. Pass/Fail grade only. Only one TA class permitted during any semester. **Only 10 credits total can be earned for TA/School Service in high school.** Students must be trustworthy and reliable. Contact teacher for signature on required form.

Prerequisite: Teacher approval

Grades: 11-12

Meets Graduation Requirement: Elective (EL)

Meets UC/CSU “a-g” subject area: None

0797 Yearbook

Yearbook class includes the preparation and distribution of the school yearbook. Students will design, layout, write, photograph, and bring the book to final production specifications. Ad/book sales are a required part of the class. There is a focus on personal responsibility, meeting deadlines, and communication skills – both visual and written.

Prerequisite: Knowledge of keyboarding and photography. “B” or better in English and good attendance. Interest in serving as part of a team.

Grades: 10-12

Meets Graduation Requirement: Elective (EL)

Meets UC/CSU “a-g” subject area: None

0015 Academic Decathlon

Academic Decathlon is an annual high school academic competition organized by the non-profit United States Academic Decathlon Association. This class, an extra-curricular activity, will meet at least once per week after school and help prepare students for this academic competition held in February. Students will be expected to study the materials in subjects such as Language Arts, Math, Social Science, Music, Art, science and Economics on their own, with guidance during the weekly class. Students can earn 2.5 credits per semester.

Prerequisite: None

Grades: 9-12

Meets Graduation Requirement: Elective (EL)

Meets UC/CSU “a-g” subject area: None

