

# **Durham High School Course Description Book**

2018-2019

### **Non-Discrimination Policy**

The Governing Board is committed to providing equal opportunity for all individuals in education. District programs, activities, and practices shall be free from discrimination based on race, color, ancestry, national origin, ethnic group identification, age, religion, marital or parental status, physical or mental disability, sex, sexual orientation, gender, gender identity or expression, or genetic information; the 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.

## GENERAL INFORMATION

### **Annual Registration**

Students are given the opportunity during early spring of each school year to select classes for the following year. It is important that courses be selected in cooperation with the student's parents, in compliance with high school graduation requirements and career objectives. Course selection represents a commitment on the part of the student that the student will satisfactorily complete the schedule of classes chosen. ***Both the parents and students must carefully check to ensure that they have taken the proper prerequisites for each course selected.*** Classes at Durham High School are offered on the basis of student demand as determined by pre-registration requests. Therefore, students should commit to their classes. Rearranging students' schedules in August will be extremely difficult; so ALL STUDENTS MUST TAKE THE COURSES THEY REQUESTED.

### **Attendance Requirements:**

Regular class attendance is required at Durham High School as per California Educational Code until age 18 (or graduation). Parents are held legally responsible under California law for their children's regular attendance at school. Students who are habitually truant may be referred to the Juvenile Justice system. See the Student Handbook for detailed explanation on attendance.

### **School Withdrawals:**

A student transferring to another high school is required to have **parents or guardians** contact DHS stating the reason for and date of the withdrawal, and the school to which the student is transferring. Failure to do so may result in the loss of transfer credits and/or delays in enrolling at the new school.

A student will be cleared for withdrawal from Durham High School once the student check out procedure is completed. Credit for classes is only awarded at the end of a semester. When the following steps are completed, the student will receive withdrawal grades.

- ⇒ Acquire a Check Out Form from the main office
- ⇒ Return of all class textbooks and library books
- ⇒ Signature from all the student's teachers, cafeteria, library and front office
- ⇒ Return the form in to main office when complete

Students completing the checkout procedure may request an unofficial transcript to aid in their enrollment at their new school. Official transcripts are sent to the new school only at that school's formal request.

### **Class Credit**

Class credit is only awarded and recorded on a student's transcripts upon the successful completion of each semester.

### **Credit for Students Transferring to DHS**

Students will be placed in courses that are comparable to those being taken at the school of origin. Credit and grade will be based on the combination of the student's transfer grade plus their performance in the class placement at Durham High School. If an equivalent class is not available, the student will be placed in the class most similar to the one in which the student was formerly enrolled. Students enrolling at DHS within 18 days of the end of a semester will have a final grade awarded based on the transfer grade.

### **Prerequisites**

Students should review the course descriptions to ensure that they fulfilled listed conditions for enrollment. Where a course prerequisite indicates permission, the student should seek approval to take the course from the respective department chairperson or his/her designee prior to requesting said class.

### **Withdrawal from courses**

A student may withdraw from a semester class any time before **the end of the 2<sup>nd</sup> week without a penalty**. A grade of W/P (withdraw passing) or W/F (withdraw failing) will appear on the transcript from week 3 through week 4. A student who withdraws after the 4<sup>th</sup> week will receive an "F" grade.

### **Repeating a Course for Higher Grade**

A class may be repeated if a student has received a substandard grade. This is allowed so a student has an opportunity to not only improve their grade, but to gain a stronger understanding of the course content. The highest grade will be recorded as the course of record while the replaced course will be listed in the elective category of their transcript. Repeated courses cannot be used to satisfy a graduation subject requirement (passing two years of Algebra I, cannot count for two years of Mathematics requirement).

### **Advanced Placement Classes**

Educational Testing Service (ETS) offers exams in several college subjects each May. This is a strictly formatted and academically rigorous national testing program. Students are charged approximately \$90.00 per test (rates are subject to yearly change) by ETS. Most colleges and universities will recognize a score of 3 or better for credit toward a prerequisite at their institution and allow students to waive a requirement for an entry-level freshman course. AP classes available at DHS are English 11, English 12, U. S. History and Economics. The deadline for ordering and paying for an AP Exam is in mid spring. Students who decide at not to take a test they have paid for will not have their test fee refunded, will not receive the "grade bump" for the course, and will not receive the AP designation on his/her transcript.

### **VALEDICTORIAN AND SALUTATORIAN**

1. Only students who have been enrolled at Durham High School for their last two years of high school are eligible.
2. **All core academic classes must be taken at Durham High School if the class is**

**offered, unless there is prior documented approval by the administration.**

3. The academic grade point average (G.P.A.) is calculated using a student's first 7 semesters of academic grades.
4. Physical Education and all "assistant" classes are excluded in the calculation of the academic grade point average (G.P.A.)
5. The grade point average (G.P.A.) is calculated on a 4-point basis. All Advanced Placement and Honors courses in grades 11 and 12 (C or better) will receive a "weighted grade."
6. The highest grade point average (G.P.A.) ranked senior will be selected as the Valedictorian, unless there is a tie, in which case multiple students will be recognized as the class Valedictorian. The class Salutatorian will be the senior with the next highest grade point average (G.P.A.).

Beginning with the Class of 2015, the following will be added to the Valedictorian/Salutatorian Policy:

**Calculation of simple GPA:**

Compute GPA: (A=4, B=3, C=2, D=1, F=0) The value is multiplied by the number of credits in the course. This figure is added to the same figure for all courses taken in the period in question, and then divided by the total number of credits attempted in the same period.

**Calculation of weighted GPA:**

Assign bonus points for each weighted class taken, Honor/AP with grades of C or better (1 for each course per semester), then perform the same calculation that is done for regular GPA.

**EDUCATIONAL ALTERNATIVES**

**Butte College**

Colleges are not allowed to concurrently enroll high school students without prior written approval from the high school. The high school is limited to approving 5% of the students in a given grade level. Concurrent enrollment forms are available at the main office. Students must meet all prerequisites required by Butte College. See below how college units are converted to high school credit. Students taking courses from a college on a semester system will receive the following credits per unit when used for Durham High School graduation:

1 unit	=	3.3 credits (high school credits)
2 units	=	6.6 credits (high school credits)
3 units	=	10 credits (high school credits)
4 units	=	13 credits (high school credits)

**Procedures for Concurrent Enrollment at Butte College**

1. Butte College Application must be completed online at [www.butte.edu](http://www.butte.edu) prior to completing Concurrent Enrollment forms.

2. Decide what classes for which you want to register. [See current Butte College Schedule for choices.]
3. **\*Students wishing to take course/s requiring assessment (Reading, English and/or Math) should call the Assessment Office (895-2350) as soon as possible to arrange a testing time.**
4. Complete top and middle section of Concurrent Enrollment Form; obtain parent signature on bottom section.
5. Have the counselor and principal sign off on Concurrent Enrollment form. Once paperwork has been processed, students may register by phone on the assigned day & time. See the Butte College website for dates and times for registration.

### **Articulation**

Butte College has articulated some of its courses with Durham High School. Selected courses on our campus will be accepted for both high school credit and as college credit at Butte College and possibly at California State University. Currently the following courses at DHS are articulated are: ROP Vet Tech and ROP CAM. **THE GRADE YOU RECEIVE IN THESE CLASSES WILL BECOME A PERMANENT RECORD ON YOUR OFFICIAL COLLEGE TRANSCRIPT**, you will have that grade forever unless repeated in college.

### **California High School Proficiency Exam (CHSPE)**

This state examination is available to students who are sixteen or who are in the second semester of tenth grade. The examination is offered by the State of California through Butte County Office of Education. A fee of \$110.00 is charged. Students who successfully pass the CHSPE will receive a State Certificate of Satisfactory Completion of Secondary Education. DHS diplomas are not issued to students for passing this test. *Parent permission is required if the student wishes to withdrawal from school after passing the CHSPE.*

### **General Education Diploma Exam**

Students are eligible to take the GED exam if you are a resident of California and meet any one of the following criteria:

1. The individual is 18 years of age or older, or within 60 days of his or her 18th birthday (regardless of school enrollment status).
2. The individual must be within 60 days of when he or she would have graduated from high school had he or she remained in school and followed the usual course of study (please note that examinees testing under this criteria may **not** be enrolled in school).
3. The individual is 17 years of age, has been out of school for at least 60 consecutive school days, and provides a letter of request for the test from the military, a post-secondary educational institution or a prospective employer.
4. The individual is 17 years of age and is incarcerated in a California state or county correctional facility; persons testing under these conditions must meet **all** of the following criteria:
  - The examinee does not have a realistic chance of completing the requirements for a high school diploma.

- The examinee has adequate academic skills to successfully complete the GED test battery.
- The examinee understands the options available regarding acquisition of a high school diploma, the high school equivalency certificate or the high school proficiency certificate, and the requirements, expectations, benefits and limitations of each option.
- The examinee has sufficient commitment time left to complete the entire GED test battery; however, if released before the test is completed; the examinee may complete testing at an authorized testing center.
- Persons who pass the GED test at age 17 will not receive the equivalency certificate until their 18th birthday; a letter of intent is issued which states that the certificate is being held pending the examinee's 18th birthday.

### **Graduation Requirements**

Durham High School will issue a diploma certifying high school graduation to each student who meets the District approved course of study (230 credits) and competency requirements. Any identified special education student with an approved individual educational plan will qualify for a diploma by meeting the standards specified in their plan. Independent Study students must meet the standard course requirements to receive a diploma.

1. A course taken for a semester, one period a day, earns five semester units.
2. Normal progress toward graduation is 60 semester units a year.
3. A student in grades 9, 10 and 11 must be enrolled in at least six courses each semester. A student in grade 12 must be enrolled in no less than four courses each semester. One of these courses may be satisfied by enrollment in a ROP course.
4. High school subject graduation requirements should not be confused with college preparatory entrance requirements

### **Subject and Unit Requirements – Starting 2016-2017**

#### **230 TOTAL UNITS**

4 years- 40-semester credits of English (9-12<sup>th</sup> Grade)

3 years- 30 semester credits of Math – (1 year in 9<sup>th</sup> and 10<sup>th</sup> and 1 year in 11<sup>th</sup> or 12<sup>th</sup>)

1 year - 10 semester credits of Health and Career Exploration (9<sup>th</sup> Grade)

1 year - 10 semester credits of World History (10<sup>th</sup> Grade)

1 year - 10 semester credits of U.S. History (11<sup>th</sup> Grade)

½ year - 5 semester credits of Economics (12<sup>TH</sup> Grade)

½ year - 5 semester credits of Civics (12<sup>th</sup> Grade)

1 year - 10 semester credits of Foreign Language or Fine Arts or CTE

3 years - 30 semester credits of Science – must have at least 10 Life Science and 10 Physical Science and then 10 additional credits in either Life or Physical Science

2 years - 20 semester credits of Physical Education

60 semester credits of Electives

**230 Total units required**

In order to participate in the Durham Unified School District graduation ceremony and receive a high school diploma, a student must have completed all graduation requirements prior to the ceremony.

### **Weighted Grades**

The Board of Trustees of the Durham Unified School District believes that students can profit from taking a rigorous, academically challenging course of study during their high school careers. In an effort to encourage enrollment in Advance Placement courses, students are granted weighted grades.

### **CALIFORNIA SCHOLARSHIP FEDERATION (CSF) MEMBERSHIP**

Membership for CSF is determined by grades that are earned in specific classes. The classes that are offered at Durham High School are divided into list I, II or III classes. List I classes are the solids. This list includes English, math, science, social science and foreign language. The only class that is a list II class is General Physical Science. Most of the elective classes are list III classes. The complete list I, II, and III offerings are available from the CSF advisors.

#### **To qualify for CSF membership for any semester, the following criteria must be met:**

1. CSF points are granted as follows:
  - a grade of A = 3 CSF points.
  - a grade of B = 1 CSF point.
  - One additional point shall be granted for a grade of A or B in an AP, IB, or Honors course, up to a maximum of two such points per semester.
  - a grade of C = 0 CSF points.
  - a grade of D or F in any course, even in one you cannot use to qualify, disqualifies you from CSF.
2. You must earn a *minimum of 10 points* from last semester's grades.
  - a. The first *4 points* must be from LIST I (unless you are a senior applying for membership in February or June).
  - b. The first *7 points* (including the 4 described in "a") must be from LISTS I or II.
  - c. The remaining points may come from any LISTS (I, II, or III).
3. You must use *no more than 5 courses* to qualify.
4. *No* CSF points are given for physical education, courses taken in lieu of physical education, subjects repeated to improve a grade, courses involving clerking and office/teaching assisting, and courses taken on a pass/fail basis.

#### **B. Also remember:**

1. Semester membership is based on work done in the previous semester. (Under very limited circumstances summer school may also be used; you should check with your adviser before listing any summer school work.)
2. You must reapply each semester.
3. To become a CSF seal bearer (life member) you must have four semesters of membership from grades 10-12 and at least one semester of membership has to be for grades earned during grade 12.



## **COUNSELING INFORMATION**

The Counseling Program at Durham High School assists students and faculty in the following areas: educational planning, academic achievement, career education, personal concerns and crisis situations.

**EIGHTH GRADE PARENT NIGHT** \_ Held each spring during pre-scheduling. An overview of graduation requirements, post-secondary options, and four (4) year planning are given. Parents of all incoming students are invited.

**JUNIOR PARENT NIGHT** \_ This informational meeting is held each fall. College and Vocational school admissions requirements are discussed. Information about the PSAT, SAT Reasoning test, SAT Subject test and ACT test is handed out. College visitation guidelines are discussed. College costs, financial aid and Scholarships are also talked about. Parents of all juniors are encouraged to attend.

**SENIOR PARENT NIGHT** \_ This informational meeting is also held each fall. An overview of Senior Year Activities is presented. College and Vocational School admissions, applications and visitations are discussed. Information on financial aid and scholarships is offered.

**COMPLETING CSU/UC AND COMMUNITY COLLEGE APPLICATIONS** \_ Offered each fall, these seminars “walk the students through” the application process. In addition the workshop offers some do’s and don’ts when writing college admissions essays.

**FINANCIAL AID WORKSHOP** \_ This workshop helps parents and students fill out the FAFSA Form. They are also informed of the various forms of financial aid that is available. Each year thousands of dollars become available for students demonstrating financial need, academic excellence, etc.

## COURSE DESCRIPTIONS

Courses with a P, AP or Honors designation meet A-G requirements (college prep courses).

### AGRICULTURE

#### Ag Biology P - Grades 9-12

##### **Length of Course: Year**

Ag Science is designed for the student interested in the field of agriculture. Topics covered include animal science, plant science, ornamental horticulture, public speaking, record keeping, parliamentary procedure, agricultural organization, judging competitions, and the Future Farmers of America. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts. This course provides the student eligibility for all FFA activities throughout the year

#### Ag Mechanics - Grades 9-12

##### **Length of Course: Year**

Basic Agricultural Mechanics is an introductory course that explores a wide variety of mechanical processes. Students will use scientific and mathematical applications through relevant mechanical topics. In addition, students will complete numerous lab-based and project-based activities that will give students the opportunity to develop an understanding of the scientific process and increase hand-eye coordination and motor skills. Areas of study in this course include careers in agriculture mechanics, mechanical safety and hazards, hand and power tools. Topic clusters in this course include electricity, small engines, welding and metal work, wood work, wood construction, and mechanical technology. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration, and reinforcement of academic concepts. **This class counts for art requirement for GRADUATION ONLY, NOT COLLEGE**

#### Advanced Ag Mechanics - Grades 10-12

##### **Length of Course: Year**

This course will develop entry level job skills for the student who desires to enter a career in agricultural mechanic. The course will feature safety operations in both shop and field with concentration on metal and wood shop applications. The course will integrate construction skills through project design and construction. The program also includes training in applied communications and employability skills including leadership (FFA, SAE), human relations and safe efficient work practices. Student will leave this course with skills in construction technology, shop procedures, land survey, safety operations, ag equipment servicing, and tractor maintenance.

This class counts for art requirement for GRADUATION ONLY, NOT COLLEGE

**AG Viticulture – Grades 9-12**

This course is designed for students to study the structure of plants, growth processes, propagation, physiology, plant classification, reproduction, growth media, soil, pests, and cultural harvest practices. Instruction consists of lectures, demonstrations, laboratory experiments, hands-on Supervised Agricultural Experience projects utilizing the Agriculture Area, and guest speakers with careers in related fields. Employment and management skills for careers in crop production and nursery fields, as well as soil conservation and management strategies are emphasized. This course provides the student eligibility for all FFA activities throughout the year.

**Ag Business P – Grades 9 - 12**

This course enables students to look at business related to agriculture, include farming, ranching, selling farm products, and buying and selling raw and processed product and technology. The students will learn to manage as well as market such items as livestock, fruit and vegetables, and other agricultural products in today's economy. Economic principles will include supply/demand, market, business management, and price forecasting. The student will also learn the economics of the agriculture industry, commodities analysis, how to read a financial statement, and will have guest speakers with careers in related fields. This course provides the student eligibility for all FFA activities throughout the year. **This class is articulated with Butte College. Students are required to pass a written final with C or better in order to get college credits.**

**JOURNALISM**

**Digital Yearbook – Grade 9-12**

**Length of Course: Year**

This class emphasizes journalistic skills used in the production of the yearbook. Some basic photograph techniques are presented with regard to photojournalism. A cooperative effort to produce this publication introduces the students to writing body copy, captions, headlines, layout techniques, photo cropping and editing skills. **Working independently and meeting deadlines with quality work is of utmost importance. Counts as a visual and performing for CSU and UC.**

**ENGLISH**

**English 9 P – Grade 9**

**World Literature and Composition**

**Length of Course: Year**

This is a required course for all students. Literature from a variety of genres is the backbone

of the curriculum from which class discussions, writing, and speaking will derive. All students will focus on aspects of literature and how to analyze reading material. Students respond to the literature in analytical essays that require the writing process and include emphasis of formal grammar and usage. Speaking in a variety of situations-informal group and class discussion, short presentations, and formal scenarios is a major focus of the course. Students will also be expected to learn good listening skills so their communication is enhanced. In addition, students learn library and research skills, study vocabulary to improve reading comprehension to increase their word power across the curriculum, and practice sound grammar, usage, and mechanics in written expression.

**English 10 P – Grade 10**  
**World Literature and Composition**

**Length of Course: Year**

This course is required for all students and further refines the formal writing skills developed in English 9. Students study drama as literature, short stories, novels and poetry from diverse cultures and respond in bi-weekly essays that require the writing process and emphasize formal usage. Speeches, research skills, and vocabulary study are included in the course.

**English 11 P – Grade 11**  
**American Language and Composition**

**Length of Course: Year**

This course is required for all students and is designed to put into application all the skills that have led up to the junior year of English. An extensive reading program which stresses the “classics: of American Literature forms the basis for all work done in the course, including writing, speaking, and listening. All compositions will show a mastery of the reading material done in class and demonstrate a solid grasp of writing analytically; additionally a major research paper will be required in the second semester. Speaking is a major focus, as students will be asked to speak in a variety of situations, including small group discussion, classroom discussion, brief formal presentations, two major extended reading presentations, and a formal debate. A review of grammar and usage, as well as a focus on proper mechanics in writing, will also be covered extensively. Vocabulary development will continue to constantly expand students’ comprehension and word power.

**Advanced Placement English 11 Dual Enrollment with SOU - Grade 11**  
**American Language and Composition**

**Length of Course: Year**

AP Language and Composition English 11 is a college level class with a rigorous curriculum designed to engage students in developing skills through the process of close reading, writing and discussing texts. Students will learn to respond personally and reflectively to a range of literature, focusing primarily on nonfiction literature, and will learn to compose for different audiences and purposes. Literary structure and conventions will be identified, and students will learn to effectively use them in

their own writing. In preparation for the AP Exam, students will gain familiarity with the types of questions encountered and practice all aspects of the test. A fee is required for the Advanced Placement Exam administered in May. Students who do not take the AP test will not receive the AP designation and weighted GPA calculation on their transcripts.

### **English 12 P - Grade 12**

#### **British Literature and Composition**

##### **Length of Course: Year**

This course emphasizes the chronological study of British literature and students' written and oral analytical responses to the best writing in the English language. Students' careful study prepares them for the rigors of college and hones their reading, writing, speaking and listening skills. Students will be required to write formally throughout the year in response to the reading material. Four major presentations will highlight students' ability to prepare and deliver coherent and well-prepared information about literature to the whole class, as well as small-group and class discussion. These, along with brief small-group presentations, will afford students with numerous opportunities to become polished, effective public speakers. The study of word parts and vocabulary will continue to expand students' comprehension and ability to use diction effectively in communication.

### **Advanced Placement English 12 Dual Enrollment with SOU- Grade 12**

#### **British Literature and Composition**

##### **Length of Course: Year**

An AP class is a reasonable equivalent to a college freshman English course. This course is designed to help the college-bound student polish language arts skills and critical thinking skills that enable him or her to challenge the AP Exam and to succeed in academically demanding college level courses. The focus is a chronological study and analysis of British literature, a mastery of literary terminology, and continued improvement of writing, speaking and listening skills crucial to students' success at the college level. A fee is required for the Advanced Placement Exam administered in May. Students who do not take the AP test will not receive the AP designation and weighted GPA calculation on their transcripts.

<b>FINE ARTS</b>
------------------

### **Art I P Grade 9 -12**

##### **Length of Course: Year**

Art I is a one year introductory course in which the basic skills needed to create, appreciate and analyze works of art are learned. Development of basic drawing skills and creative expression are emphasized. Students explore the elements and principles of art and gain skills in using a variety of media such as pencil, colored pencil, pen and ink, oil pastel and acrylic. In addition, art history, art appreciation and careers in visual art and related fields are studied. Students complete writing assignments based on what they create, read and view. They evaluate artwork of

their own as well as that with historical or cultural significance. Students learn through various methods of instruction such as hands on, direct, small group, individual, lecture, cooperative groups and individual exploration, practice and reflection.

### **Art II P Grade 10 -12**

**Length of Course: Year**

**Prerequisite - Grade of “B” or higher in ART I, or Instructor’s approval -**

Art II is an intermediate course that provides students with the opportunity to apply and advance skills learned in Art I. Intermediate skills needed to create, appreciate and analyze works of art are learned. Students continue to explore the art elements and principles using various art media. The emphasis is on developing sophisticated drawing techniques, painting and the appropriate choice and use of media. Students are required to work more independently on selected studio projects than Art I students. In addition, art history, art appreciation and careers in visual art and related fields are studied. Students complete writing assignments based on what they create, read and view. They evaluate artwork of their own as well as that with historical or cultural significance. Students learn through various methods of instruction such as hands on, direct, small group, individual, lecture, cooperative groups and individual exploration, practice and reflection.

### **Ceramics I P - Grade 9 -12**

**Length of Course: Year**

Ceramics I is a one year introductory course in which the basic skills needed to create, appreciate and analyze works of art are learned. Students acquire a variety of hand-building techniques to create functional, decorative and sculptural pottery and wheel throwing is introduced. Developing basic technical skills in the use of ceramic clay, glazing techniques and creative expression are emphasized. Basic drawing and layout skills related to ceramic work are learned. In addition, art history, art appreciation and careers in visual art and related fields are studied. Students complete writing assignments based on what they create, read and view. They evaluate artwork of their own as well as that with historical or cultural significance. Students learn through various methods of instruction such as hands on, direct, small group, individual, lecture, cooperative groups and individual exploration, practice and reflection.

### **Ceramics II P Grade 10 -12**

**Length of Course: Year**

**Prerequisite - Grade of “B” or higher in Ceramics I, or Instructor’s approval -**

Ceramics II is an intermediate course that provides students with the opportunity to apply and advance skills learned in Ceramics I. Intermediate skills needed to create, appreciate and analyze works of art are learned. Students advance their skills and

learn more sophisticated techniques to create functional, decorative and sculptural pottery, glazing techniques and creative expression are emphasized. Drawing and layout skills related to ceramic work are learned. In addition, art history, art appreciation and careers in visual art and related fields are studied. Students complete writing assignments based on what they create, read and view. They evaluate artwork of their own as well as that with historical or cultural significance.

## MUSIC

### **Symphonic Band P (Must meet proficiency standards) – Grade 9-12**

#### **Length of Course: Year**

This course will deal with wind and percussion instrument instruction, with emphasis on preparation and performance of advanced band literature. It is designed for the serious music student with advanced skills. Entry is by audition only. Performances will include marching, concerts, festivals, and other civic and community events. Students will be responsible for uniform fees.

### **Jazz Band P – Grade 9-12**

#### **Length of Course: Year**

This course deals with the instruction in classic and modern jazz music including piano, electric guitar, electric bass, drum set and winds. Emphasis is on the blues form and on improvised solos. Wind players must also be enrolled in the symphonic band, or have permission from instructor.

## FOREIGN LANGUAGE

### **Spanish I P – Grade 9-12**

#### **Length of Course: Year**

#### **Prerequisite - C or better in Language Arts or teacher recommendation.**

This class is a first-year college preparatory course in the Spanish language and culture. The primary emphasis is on the development of communicative proficiency in everyday situations. Instruction focuses on communicative functions necessary for that development. A variety of exercises and activities center around listening, speaking, reading, and writing skills with an emphasis on vocabulary. Cultural awareness and understanding are stressed through content, discussion, photographs, slides, videos, realia, games, and other materials.

### **Spanish II P – Grade 10-12**

#### **Length of Course: Year**

#### **Prerequisite - C or better in Spanish I or teacher recommendation.**

This class is a second-year college preparatory course in the Spanish language and culture. The continuing emphasis is on the development of communicative proficiency in everyday situations. Instruction focuses on communicative functions necessary to achieve such development. A variety of exercises and activities center around listening, speaking, reading, and writing skills with an emphasis on grammar. Cultural awareness and understanding are stressed through content, discussion, photographs, slides, videos, realia, games, and other materials.

### **Spanish III P – Grade 11-12**

**Length of Course: Year**

**Prerequisite - C or better in Spanish II or teacher recommendation.**

This class is a third-year college preparatory course in the Spanish language and culture. In this elective course students will maintain, improve and expand the skills of speaking, understanding, reading, and writing Spanish that were acquired in Spanish II.

### **Spanish IV P – Grade 12**

**Length of Course: Year**

**Prerequisite of C or better in Spanish III or teacher recommendation**

This course is the equivalent of a third semester college course in advanced Spanish composition and conversation. It stresses oral skills, composition, and grammar. Such a course, emphasizing the use of Spanish for active communication, has following objectives.

1. The ability to comprehend formal and informal spoken Spanish.
2. The acquisition of vocabulary and grasp of structure to allow the easy, accurate reading of newspaper and magazine articles, as well as literature.
3. The ability to compose expository passages.
4. The ability to express ideas orally with accuracy and fluency.

<b>MATH</b>
-------------

### **Core Connection – Grade 9**

**Length of Course: Year**

**Prerequisites: Teacher’s recommendation is required for enrollment in this course.**

This course is designed to prepare students for Integrated Math I. It will develop a stronger foundation in basic computational skills and include the following topics: analyzing patterns and data, proportional relationships, combining like terms, solving equations, distributive property, graphing linear and exponential growth, laws of exponents, angles, Pythagorean Theorem, surface area and volume. Some of these topics may have been covered in previous 7<sup>th</sup> and 8<sup>th</sup> grade math courses. **A student owned scientific calculator will be beneficial for this course.**

### **Integrated Math I – Grade 9, 10**

**Length of Course: Year**

This course covers most of the content of a traditional Algebra I course, such as functions, exponents, slope & rate of change, writing and graphing linear equations, dimensional analysis, transformations, multiplying polynomials, solving complex



equations that include fractions and exponents, modeling two-variable data, exponential growth and decay, solving systems of equations with substitution and elimination, congruence and coordinate geometry, inequalities, data representations, and constructions. **Student-owned scientific calculators or graphing calculators are strongly encouraged for this class.**

### **Integrated Math II – Grade 9-12**

**Length of Course: Year**

**Prerequisites: 8<sup>th</sup> Grade: B or better in Integrated Math I or teacher recommendation. 9<sup>th</sup>-12<sup>th</sup> Grade: C or better in Integrated Math I or teacher recommendation.**

Integrated II covers most of the content of a traditional Geometry course, such as geometric relationships of sides and angles, congruence and similarity of triangles, right triangle trigonometry, quadrilaterals and proof, polygons, circles, arcs and sectors, areas of similar figures, solids and ratios of similarity, and pyramids, cones and spheres. In addition, however, this course also explores important algebraic concepts such as solving quadratic equations by factoring, completing the square and the quadratic formula. Complex numbers are also introduced as well as fractional exponents. Probability and expected value are also explored.

### **Integrated Math III – Grade 10-12**

**Length of Course: Year**

**Prerequisites: C or better in Integrated Math II or teacher recommendation**

Integrated III covers most of the content of a traditional Algebra 2 course, such as transformations of different function families and their graphs, solving equations from these families and their inverses, conic sections and their properties, sequences and series, and solving systems of equations. In addition, however, this course also explores concepts in the field of statistics such as survey design, the role of randomness, bias in sampling, cause and effect, the normal probability density function and more. We will also explore triangle concepts such as the law of sines and cosines as well as trigonometric functions. A grade of “C” or better is required to use this course as an entrance requirement into the State or UC system.

### **Precalculus P Dual Enrollment SOU – Grade 11-12**

**Length of Course: Year**

**Prerequisites: C or better in Algebra II or teacher recommendation.**

This course blends the concepts and skills that must be mastered before enrollment in a calculus course. The course includes the study of (1) relations and functions, (2) exponential and logarithmic functions, (3) trigonometry in triangles and vectors, (4) trigonometric functions, (5) trigonometric identities and equations, (6) matrices and determinants, (7) sequences and series, (8) conic sections, and (9) data analysis.

### **Calculus P – Grade 12**

**Length of Course: Year**

**Prerequisites: C or better in Trig or with teacher permission**

This course is designed to prepare students for college calculus. Course topics include (1) functions and graphs, (2) limits and continuity, (3) the derivative, (4) differentiation rules, (5) applications of differentiation and differentials (6) Antiderivatives, (7) definite and indefinite integrals, (8) the Fundamental Theorem of Calculus, and (substitution in integration.

### **Real World Math – Grade 11 – 12**

#### **Length of Course: Year**

This class offers the opportunity to apply math concepts in real life situations. Students will use the four operations of math to solve everything from percent problems to tips and taxes, insurance and wages, as well as explore career opportunities.

## **PHYSICAL EDUCATION AND HEALTH**

### **Coed Physical Education -Grade 9-12**

#### **Length of Course: Year**

The physical education program is designed to meet the physical and social needs of all students through vigorous physical activities and awareness for the rules, skills and strategies of such games and activities.

### **Health and Careers - 9th Grade Requirement**

#### **Length of Course: Year**

This course will focus on these areas:

- |                              |                                |
|------------------------------|--------------------------------|
| 1. Nutritional Values        | 7. Managing Stress             |
| 2. Drug Education            | 8. Bones and Muscles           |
| 3. AIDS Education            | 9. Digestion and Excretion     |
| 4. Tobacco Education         | 10. Infectious Diseases        |
| 5. Human Sexuality Education | 11. Non-Infectious Diseases    |
| 6. Alcohol Awareness         | 12. First Aid Basics           |
| 13. Study Skills             | 14. Organizational Skills      |
| 15. Personal Learning Styles | 16. Life Management            |
| 17. Career Awareness         | 18. School and College Success |

## **SCIENCE**

### **Geoscience P– Grade 9**

#### **Length of Course: Year**

**Prerequisites: None**

This course is designed to give a basic background in geosciences. The emphasis is on Earth Science with chemistry, physics, and some biology integrated into the course. Laboratory work as well as individual and group projects are an integral part of this course. This course will satisfy the student's physical science requirement and meets the area G College Preparatory elective requirements.

### **Biology P – Grade 9-10**

**Length of Course: Year**

**Prerequisites: Students must have passed Geoscience with a C or better or be recommended by the Biology instructor based on their transcript grades in Science, Math and English. A summer assignment will be required for students who have not taken Geoscience.**

The principles of biology are explored at all levels of biological systems. It is designed to promote the understanding of the diversity and interrelationships among all living organisms and the place of humans in the web of life. Students will learn about biochemistry, the structure and function of the cell, the process of heredity, evolution of populations, the relationship of structure and function in organisms, biotechnology, and the principles of ecology. Laboratory work is an integral part of the course. This course satisfies the student's life science graduation requirements and meets the area D college preparatory laboratory science requirement.

### **Advanced Biology H – Grade 11-12**

**Length of Course: Year**

**Prerequisites: Students must have passed Biology and Chemistry with a C or better or biology with a C or better and the instructor's recommendation**

Advanced Biology is designed to provide the student with an opportunity to increase their expertise in Biology. The class will include units in human anatomy/physiology, genetics, microbiology, plant anatomy/physiology, and environmental sciences. Material is obtained from text, lecture, outside reading, research, and student seminars. The completion of an independent research project is required for the class. Laboratory work is also an integral part of the course. This course satisfies the student's life science graduation requirements and meets the area D college preparatory laboratory science requirement.

### **Chemistry P – Grade 10-12**

**Length of Course: Year**

**Prerequisites: It is recommended that students have passed Biology with a C or better and have passed Integrated 2.**

Chemistry is a laboratory course covering matter, atomic structure and nuclear chemistry, electrons, the periodic table, bonding, chemical reactions, stoichiometry, solutions, and acids and bases. Laboratory work is an integral part of the course and allows student the opportunity to apply their understanding of the chemistry concepts. This course satisfies the student's physical science graduation requirements and meets the area D college preparatory laboratory science requirement.

### **Physics H Dual Enrollment SOU – Grade 11-12**

**Length of Course: Year**

**Prerequisites: It is recommended that students have passed Chemistry with a C or better and have passed Integrated 3 or are currently enrolled in Integrated 3. Dual Enrollment Prerequisites: Students must have passed Chemistry with a B or better and have passed Precalculus or be currently enrolled in Precalculus**

Physics covers mechanics, properties of matter, wave motion, sound, heat, light, electricity, magnetism, and other selected topics. Students in Dual Enrollment will cover these topics in more depth and with greater mathematical complexity. This course includes extensive laboratory work and is aimed at understanding the physical world around us. Engineering is an integral part of the course. This course satisfies the student's physical science graduation requirements and meets the area D college preparatory laboratory science requirement.

## **SOCIAL SCIENCES**

### **Civics P – Grade 12**

**Length of Course: Semester**

The course objective is to provide students with the knowledge and skills necessary to be an active and productive citizen of this nation and world. This class investigates the history of National, State and Local governments in the United States and the factions that influence their operations. Our primary focus will be the National Government, analyzing political figures, parties, policies, and events of past and present. Students read and analyze the U.S. Constitution and examine its impact on citizens, states, and the world.

### **Honors Civics Dual Enrollment SOU – Grade 12**

**Length of Course: Semester**

This course fulfills the Civics requirement and is designed to provide college bound seniors with an understanding of how our government works and the challenges facing our society today. Students will learn the fundamentals of our system of government and to apply those skills to address the political, social and economic issues facing the world, expanding their understanding of politics in the United States.

### **Economics P - Grade 12**

**Length of Course: Semester**

This class investigates how different societies, particularly capitalistic societies answer the three main economic questions that determine resource allocation: 1) What to

produce 2) How to produce it 3) Who to produce it for. We will explore how each system answers these main questions and how these answers affect daily life, society, and global interactions.

### **AP Economics Dual Enrollment SOU – Grade 12**

#### **Length of Course: Semester**

This course fulfills the requirements of Economics and is designed for college bound seniors. It is designed to give students the advanced analytical skills that are associated with how the U.S. and world economy operates, expanding on the content of General Economics class. Students are eligible to take the AP exam, which is offered in May, and to also receive AP credit. A fee is required for the Advanced Placement Exam administered in May. Students who do not take the AP test will not receive the AP designation and weighted GPA calculation on their transcripts.

### **World History P – Grade 10**

#### **Length of Course: Year**

The California History-Social Science Framework organizes the study of history around three broad interrelated goals and literacy strands: 1) Knowledge and cultural understanding, 2) Democratic understanding and civic values, and 3) Skills attainment and social preparation. With these goals in mind, the world History programs links past and present historical events to give students a broad perspective of the development of Western and non-Western societies. World History focuses on events from the Renaissance to modern times and fulfills the requirement for graduation and college entrance for California.

### **U.S. History P – Grade 11**

#### **Length of Course: Year**

This is a one-year course for junior students. This course fulfills the requirement for U.S. History, and emphasizes our nation's history from the Civil War to the present day. Students study historical events on a cause-effect basis. Students will be able to explain the significance of historical events, to analyze these events, and to explain how factors such as economics, race, class, religion, etc. have affected social development in the United States. Students are expected to take notes, to complete essay exams that require skills in analyzing the significance of historical events and to identify key figures in U.S. History. Students will also learn to read and analyze primary source documents and maps, and will participate in frequent discussions.

### **AP U.S. History P Dual Enrollment SOU - Grade 11**

#### **Length of Course: Year**

This course can fulfill the requirement for U.S. History or can be taken as an elective. It is designed to give students grounding in the chronology of American History and in the major interpretive questions that derive from the study of selected themes. It will also provide students with the analytical skills to deal critically with the problems associated with these themes. A fee of \$90.00 is required for the Advanced Placement Exam administered in May. Students who do not take the AP test will

not receive the AP designation and weighted GPA calculation on their transcripts.

<b>WELDING AND MANUFACTURING EDUCATION</b>
--

**Computer Aided Machinery and Welding Grade – 10-12**

**Length of Course: Year**

This course will cover gas welding as well as gas and plasma torch cutting. Mig, tig, and arc welding are all included in this course. Every student will learn how to properly operate the plasma cam. Students will continue with Solidworks and creating projects on the 3D Printer. Students will be required to prepare a plan prior to beginning their fair projects. The project must follow this outline precisely. It is required that students allow a two-hour block for this course. **This class counts for art requirement for GRADUATION ONLY, NOT COLLEGE.**

## CALIFORNIA STATE UNIVERSITY ENTRANCE REQUIREMENTS (CSU)

The courses listed for colleges and university admission will meet the minimum entrance requirements only. A student is urged to go beyond the minimum requirements and take the most rigorous subjects that can be handled. Impacted colleges will require higher admission standards for students outside their service area. Visit the College web site for more information or obtain Reference materials from the Career Center

### CALIFORNIA STATE UNIVERSITY CAMPUS LOCATIONS

Bakersfield	Long Beach	San Diego
Channel Islands	Los Angeles	San Francisco
Chico	Maritime Academy	San Jose
Dominguez Hills	Monterey Bay	San Luis Obispo
East Bay	Northridge	San Marcos
Fresno	Pomona	Sonoma
Fullerton	Sacramento	Stanislaus
Humboldt	San Bernardino	

### Subject Requirements:

1. English (4 years)  
Four (4) years of college preparatory English
2. Mathematics (3 years)  
Three (3) years of college preparatory mathematics (Integrated I, II, III, Trigonometry, or higher math (pre-calculus/Calculus). Must complete at least Integrated I.
3. History/Social Science (2 years) Combination of U.S. History (1 yr.) or 1 semester of U.S. History and 1 semester of Civics or American government and 1 year of social science (World History).
4. Laboratory Science (2 years)  
One (1) year required in Biological Science (Biology or Adv. Bio) and 1 Physical Science (General Physical Science, Chemistry, or Physics). (3<sup>rd</sup> year recommended)
5. Foreign Language (2 years)  
Two (2) years required, of the same language. (3<sup>rd</sup> year recommended)
6. Visual and Performing Arts (1 year)  
One (1) year required in the same discipline (Art, Band or Ceramics)
7. College Preparatory Electives (1 year required)  
These courses are beyond what is listed above. Chose from the listed areas below:  
Foreign Language, Fine Arts, Social Science, Advanced Mathematics, Laboratory Science

**NOTE:** Students will need to complete 11 of the 15 “a-g” courses by the end of their junior year.

SAT reasoning test and ACT test must be taken by the December prior to the fall term of admissions. In addition they must have a minimum GPA of 3.0 for grades 10<sup>th</sup> and 11<sup>th</sup> in college prep classes. If a student falls below a 3.0 GPA they must consult the Eligibility

Index at [www.csumentor.edu](http://www.csumentor.edu) to determine what their SAT and ACT scores must be.



## UNIVERSITY OF CALIFORNIA SYSTEM (UC)

### CAMPUS LOCATIONS

Berkeley	Davis	Irvine	Los Angeles	Merced
Riverside	San Diego	San Francisco	Santa Barbara	Santa Cruz

### **Subject Requirements:**

The minimum subject requirements for admissions to the UC system are the A-G requirements listed on the previous page. Yet it is highly recommended that you take the most rigorous course schedule that we offer which includes AP and Honors classes, upper level math, science and foreign language courses. The following selection factors are also taken into consideration. The weight given to each factor differs from campus to campus and year to year.

#### Freshman Selection Factors

1. Academic grade point average in all completed “a-g” courses, including additional points for completed University-certified honors courses.
2. Scores on the ACT Assessments plus Writing or SAT Reasoning Tests).
3. Number, content of and performance courses beyond the minimum “a-g” requirements.
4. Number of and performance in University-approved honors courses and AP, I.B. and transferable college courses.
5. Identification by the UC as being ranked in the top 4 percent of your high school class at the end of your junior year (ELC)
6. Quality of your senior-year program, as measured by the type and number of academic courses in progress and planned.
7. Quality of your academic performance relative to the educational opportunities available in your high school.
8. Outstanding work in one or more academic subject areas.
9. Outstanding work in one or more special projects in any academic field of study.
10. Recent, marked improvement in academic performance, as demonstrated by your academic GPA and the quality of coursework completed in progress.
11. Special talents, achievements and awards in a particular field.
12. Completion of special projects undertaken in the context of your high school curriculum or in conjunction with special school events, projects or programs.
13. Academic accomplishments in light of your life experiences and special circumstances.
14. Location of your secondary school and residence.

The UC Eligibility index can be found at [www.universityofcalifornia.edu/admissions](http://www.universityofcalifornia.edu/admissions).