

# 2010-2011 Course Catalog

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## A. BISHOP ALEMANY HIGH SCHOOL GRADUATION REQUIREMENTS

To qualify for graduation and receive a diploma from Bishop Alemany High School, a student must have earned a total of 24 units of credit with passing grades in all subjects (1/2 unit = 1 semester class). Any student who has not received credit for a subject ("F" or excessive absences) must make up the proper credit in summer school before returning the following school year.

Credit must be earned in the following required courses:

### I. Religion – Eight (8) semesters required.

A student must schedule a Religion course every semester that he or she is in attendance at Bishop Alemany, whether or not he or she has the required number of Religion credits.

### II. English - Eight (8) semesters required.

A student must schedule an English course every semester whether or not he or she has the required number of English credits. Additional courses may be taken as electives. Students planning to attend the California State Universities or University of California must choose English courses from the approved university list.

### III. Social Studies – Six (6) semesters

Prior to graduation, every student must complete the following:

- 10th grade - AP World History OR Global History A/B.
- 11th grade - U.S. History A/B OR AP U.S. History.
- 12th grade - U.S. Government and Economics OR AP Government. and AP Economics

### IV. Mathematics – Six (6) semesters required.

### V. Foreign Language - Four (4) semesters required.

### VI. Physical Education – Two (2) semesters required.

### VII. Science – Four (4) semesters required

2 semesters of a biological/life science and 2 semesters of a physical science.

### VIII. Computer Science – One (1) semester required.

### IX. Visual and Performing Arts (VPA) – Two (2) semesters required.

Students should choose these classes carefully since not all Visual and Performing Arts courses have been approved by the University of California and the CSU system.
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### X. Electives – Six (6) semesters.

Carefully choose CSU/UC approved courses, if you are going to attend a four-year college.

### XI. Health – One (1) semester required.

Students may earn elective credit by selecting courses from any department in which they meet the



required prerequisites (i.e., Arts, Science, Foreign Language, etc.).

**NOTE: If credit has been earned in a course, the course may only be repeated for a different grade and not for further credit.**

## **B. ADVANCED PLACEMENT CLASSES**

Please be aware of the following:

- Any student taking an AP class will be required to take the AP Test.
- Payment of the entire fee for an AP Test is to be paid during the fall semester of the school year.

Admission to AP classes will be based on:

- a. Recommendation by the former AP or Honors teacher.
- b. The student must have attained an “A” in a College Prep Class in the subject area during the previous year.
- c. Approval by the department chair is required.
- d. If a student is not recommended:
  - The student may petition for admission.
  - This will be followed by a qualifying essay and/or test given by the AP teacher to assess the student’s ability in the subject area.
  - National test results may be used as another indicator of the student’s abilities and potential.

## **C. COLLEGE**

### **I. UNIVERSITY OF CALIFORNIA – UC (See website [www.ucop.edu/pathways](http://www.ucop.edu/pathways))**

A student must meet the minimum requirement described below to be eligible for freshman admission to the University of California. The following specified courses are the minimum units needed in approved high school work in academic or college preparatory courses:

### **SUBJECT REQUIREMENT**

To satisfy the subject requirement, students must complete the high school courses listed below with a minimum 3.0 grade point average. Students must take 15 units of high school courses to fulfill the Subject Requirement- seven units of which must be taken in the last two years of high school(a unit is equal to an academic year, or two semester of study) Grades of D and F in these courses must be made up for admission purposes.

### **SPECIFIED “a-g” COURSE REQUIREMENTS**

- a. History / Social Science- 2 years/or 4 semesters required  
Must include one year of World/Global History, and U.S. History and also a semester of U.S. Government
- b. English – 4 years /or 8 semesters required  
Courses must be chosen from those, which are certified by the University of California
- c. Mathematics – 3 years /or 6 semesters required, 4 years/ or 8 semesters recommended



For example: Algebra I, Geometry, Algebra II, etc.

- d. Laboratory Science – 2 years/ or 4 semesters required, 3 years /or 6 semesters recommended  
2 semesters of Biology and 2 semesters of Chemistry or Physics
- e. Language other than English – 2 years /or 4 semesters required, 3 years /or 6 recommended  
2 years of the same college-prep foreign language.
- f. Visual and Performing Arts – One yearlong course of visual and performing arts chosen from the following: dance, drama/Theater, music or visual art. Both semesters must be in the same discipline.  
Courses must be chosen from those certified by the University of California
- g. College Preparatory Electives – 1 year/or 2 semesters required.  
One year, in addition to those required in “a-g” above chosen from the following areas: visual and performing arts(non-introductory-level course) history, social science, English, advanced mathematics, laboratory science and language other than English( a third year in the language used for the ‘e’ requirement or two years of another language). Please note that a second year of upper division Visual and Performing Arts fulfills this requirement.

### SCHOLARSHIP REQUIREMENT

The Scholarship requirement defines the grade point average (GPA) students must attain in the "a-g" subjects and the SAT Reasoning Test and SAT Subject Test or ACT test scores to be eligible for admission to the University.

**UC GPA Calculation:** only the grades a student earns in “a-g” courses taken in the 10<sup>th</sup> and 11<sup>th</sup> grades- including summer sessions- are used to calculate a UC GPA.

**Honors Courses:** The University of California assigns extra grade points for up to eight semesters of certified honors-level courses taken in the 10<sup>th</sup> and 11<sup>th</sup> grades. No more than two yearlong UC approved honors-level courses taken in the 10<sup>th</sup> grade may be given extra points. A grade of D in an honors course does not earn extra points.

**UC Examination Requirement:** Students must complete the SAT Reasoning Test or the ACT plus writing exam no later than December of their senior year. Additionally, students must complete two SAT Subjects Tests from two different areas, chosen from the following: history, literature, mathematics (Level 2 only) science or language other than English. Students in the graduating class of 2012 and beyond are no longer required to complete the SAT Subject tests.

**\*\*Important –**

"D" and "F" grades in the "a-g" courses must be repeated with grades of C or higher earned. In these cases, the second grades are used in calculating the Scholarship Requirement GPA. Each course in which a grade of D or F has been received may be repeated only once. Grades for repeated courses in which the student initially earned a grade of "C" or better will not be used.

## II. CALIFORNIA STATE UNIVERSITY – CSU (See website [www.csumentor.edu](http://www.csumentor.edu))



The California State University requires first time freshmen applicants to complete with a grade of C or higher in each course, the following 15 unit (a unit is equal to one year of study in high school) comprehensive pattern of college preparatory study.

- a. History/Social Science – 2 years/or 4 semesters required  
Includes one year of U.S. History and 1 semester of U.S. Government, and one year of world history, cultures and geography
- b. English – 4 years /or 8 semesters required  
Must be approved college prep courses
- c. Mathematics – 3 years / or 6 semesters, 4 years /or 8 semesters recommended  
Algebra I, Geometry, Algebra II, and etc.
- d. Laboratory Science – 2 years/or 4 semesters required  
One year biological and one year physical (Biology and Chemistry, for example)
- e. Language other than English – 2 years /or 4 semesters required  
2 years of the same language
- f. Visual and Performing Arts – 1 year /or 2 semesters  
Visual and Performing Arts – One yearlong course of visual and performing arts chosen from the following: dance, drama/Theater, music or visual art. Both semesters must be in the same discipline.  
Must be approved college prep courses
- g. College Preparatory Electives – 1 year/or 2 semesters required.  
One year, in addition to those required in “a-g” above chosen from the following areas: visual and performing arts(non-introductory-level course) history, social science, English, advanced mathematics, laboratory science and language other than English( a third year in the language used for the “E” requirement or two years of another language.

### **ELIGIBILITY**

The grade point average and test score (SAT/ACT) must meet the minimum eligibility index.

**CSU GPA Calculation:** Same as the UC GPA calculation

**CSU Examination requirement:** Students must complete the SAT Reasoning test or the ACT with Writing exam

### **CERTIFIED COURSES FOR ADMISSION TO UC/CSU**

It is important to note that the University of California certifies a number of courses offered at Bishop Alemany as acceptable for admission to the university. These courses are considered demanding and rigorous both in content and grading to serve as a good basis for prediction of success in college. Students must select courses at Bishop Alemany only from the approved list to meet requirements for admission to any University of California or California State University campus. Courses not appearing on this certified list are NOT acceptable for admission.

**Certified courses are:**



**a. History/ Social Science- 2 years required**

AP World History  
Global History  
U.S. History  
AP U.S. History  
U.S. Government  
AP U.S. Government  
20th Century U.S. History

**b. English- 4 years required**

English 9  
Honors English 9  
American Literature  
Honors American Literature  
English Literature  
Honors English Literature  
College Composition  
Art/Cultures/Literature  
AP English  
Understanding Literature  
English Composition

**c. Mathematics- 3 required, 4 recommended**

Geometry, Honors Geometry, Honors Algebra II, Algebra II, Trigonometry A/B, Trigonometry & Math Analysis, Advanced Topics, AP Calculus A/B and B/C.

**d. Laboratory Science**

Biological/Life Sciences: Biology, Accelerated Biology, AP Biology, Anatomy/ Physiology  
Physical Sciences: Chemistry, Honors Chemistry, AP Chemistry, Physics, AP Physics

**e. Language other than English**

French I, French II, French III, French IV, Spanish I, Spanish for Bilingual Students I, Spanish II, Spanish for Bilingual Students II, Spanish III, Spanish Bilingual III, AP Spanish Language, AP Spanish Literature.

**f. Visual And Performing Arts**

Allied Art, Art and Artist A/B, Ceramics A/B, Dance A/B, Schola Cantorum, Theater A/B, Advanced Art I, Digital Video Production, Studio Art A/B, Orchestra, Band, Advanced Concert Choir .

**g. Electives**



Economics, Psychology, AP Economics, Earth Science, Comparative Religion, Humanities, Introduction To Philosophy, Rhetoric & Composition, Law and Society, Introduction to Sociology, Sports Medicine.

\*\*Earth Science is not considered a laboratory course by the university, but is counted as a College Prep Course.

Note: Underlined courses are certified by the University of California as honors level or advanced placement and receive extra honors credit. (A=5; B=4; C=3).

Courses pending UC/CSU approval: Advanced Theater, Advanced Digital Video Production, 3-D Virtual Programming, Service Leadership.

### **III. PRIVATE UNIVERSITIES**

Subject requirements for freshman admission are often very similar to the University of California and California State University. Since there are differences, students should check the catalog of the college of his/her choice.

### **IV. COMMUNITY COLLEGE**

A student intending to enroll in any community college (i.e., Pierce, Valley, College of the Canyons, Mission, etc.) must have completed the required course of study as prescribed by his/her high school and have received a high school diploma. If a student does not receive a diploma, he/she may attend a community college if he/she is 18 years of age or older and can present evidence of being able to pursue successfully, and to profit from the proposed course of study. Placement testing is usually demanded by the two-year colleges.

### **V. FOUR-YEAR COLLEGE TESTING**

PSAT – All Sophomores and juniors will take the PSAT testing. The National Merit Scholarships and many other scholarship programs require students to take the PSAT .

SAT TEST INFORMATION - It is recommended that students take the SAT Reasoning and/or SAT Subject Tests for the first time in March, May or June of the junior year. The tests can be repeated in fall of the senior year; colleges will use the best set of scores. The University of California and many other universities also require the SAT Subject Tests in at least 2 of the following areas: English literature, foreign language, science, or social studies to be taken by December of the senior year.

ACT-The ACT (American College Testing) is also acceptable for entrance requirements in the testing area. Parents and students should carefully check college catalogues for acceptability of the ACT program testing instead of the SAT program.

### **VI. NCAA ACADEMIC ELIGIBILITY**

#### **General Requirements:**

**Student-athletes entering collegiate institutions must graduate from high school and complete the following:**



**Core Courses:**

**NCAA Division I requires 16 core courses as of August 1, 2008.** This rule applies to any student first entering any Division I college or university on or after August 1, 2008. See the chart below for the breakdown of this 16 core-course requirement.

**NCAA Division II requires 14 core courses.** See the breakdown of core-course requirements below. Please note, Division II will require 16 core courses beginning August 1, 2013.

**Test Scores:**

**Division I** has a sliding scale for test score and grade-point average.

**Division II** has a minimum SAT score requirement of 820 or an ACT sum score of 68.

The SAT score used for NCAA purposes includes **only** the critical reading and math sections. The writing section of the SAT is not used.

The ACT score used for NCAA purposes is a **sum** of the four sections on the ACT: English, mathematics, reading and science.

**All SAT and ACT scores must be reported directly to the NCAA Eligibility Center by the testing agency. Test scores that appear on transcripts will not be used. When registering for the SAT or ACT, use the Eligibility Center code of 9999 to make sure the score is reported to the Eligibility Center.**

**Grade-Point Average**

Only core courses are used in the calculation of the grade-point average.

**Be sure** to look at Bishop Alemany's list of NCAA-approved core courses on the Eligibility Center's Web site to make certain that courses being taken have been approved as core courses. The Web site is [www.ncaaclearinghouse.net](http://www.ncaaclearinghouse.net).

**Division I** grade-point-average requirements are listed on page two of this sheet.

**The Division II** grade-point-average requirement is a minimum of 2.000.

**DIVISION I****16 Core-Course Rule****16 Core Courses:**

4 years of English.

3 years of mathematics (Algebra I or higher).

2 years of natural/physical science (1 year of lab if offered by high school).

1 year of additional English, mathematics or natural/physical science.

2 years of social science.

4 years of additional courses (from any area above, foreign language or non-doctrinal religion/philosophy).

**DIVISION II****14 Core-Course Rule****14 Core Courses:**

3 years of English.

2 years of mathematics (Algebra I or higher).

2 years of natural/physical science (1 year of lab if offered by high school).

2 years of additional English, mathematics or natural/physical science.

2 years of social science.

**3** years of additional courses (from any area above, foreign language or nondoctrinal religion/philosophy).

**PLEASE NOTE:** Beginning August 1, 2013, students planning to attend an NCAA Division II institution will be required to complete 16 core courses.



**RELIGION****Eight (8) Semesters Required for Graduation****GRADE 9****EXPLORING CATHOLIC CHRISTIANITY-113****(1 semester)**

NO PREREQUISITE

Teenage students deserve the opportunity to deepen their understanding of their faith life. This course introduces the student to the Bishop Alemany High School approach to religious education in which the will be challenged by a higher level of academic study and a deeper level of personal reflection. The course is designed for Catholic students, who will be called to further faith development, and non-Catholic students, who will be given the opportunity to learn about the faith tradition of this school. Topics covered include: the human experience of faith, the Judaic roots of Catholicism, Jesus and the Paschal mystery, the Holy Spirit and the Church, Scripture and Tradition, the Sacraments and Prayer, the Liturgical calendar, and Christian Morality. At the end of this course the students will be able to articulate the major beliefs and areas of concern of the Catholic Church, and further identify their reality as a member of God's family.

**CHRISTIAN MORALITY-122****(1 semester)**

NO PREREQUISITE

This required freshman second semester course presents fundamentals of Christian morality using the Ten Commandments as a foundation. Emphasis is on the teachings of the Catholic Church as these are found in Sacred Scripture, the Catechism of the Catholic Church, and other papal and ecclesial documents and commentaries.

**GRADE 10****HEBREW SCRIPTURES -111****(1 semester)**

NO PREREQUISITE

This required first semester sophomore course provides an opportunity for students to learn about the expanding covenant God makes with His creation from Adam and Eve up to and awaiting the coming of the Messiah. The students will come to understand ancient Jewish Culture and the oral and written traditions, which led to the writing of Hebrew Scriptures.

**CHRISTIAN SCRIPTURES - 112****(1 semester)**

NO PREREQUISITE

This second semester required sophomore course studies Christian Scriptures covering the life and times of Jesus Christ, who is the fulfillment of the Hebrew covenant. Students will learn about the theological significance of the events from Jesus' life as well as the growth of the Church that Jesus established.

**GRADE 11****CHRISTIAN RELATIONSHIPS – 133 or 134****(1 semester)**

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## NO PREREQUISITE

All juniors are required to take this course, which helps students examine the significant relationships in their lives and how to improve these relationships. The class studies the Sacrament of Matrimony and why it is a life-long commitment, human sexuality, the importance of communication skills, and how to best foster loving relationships.

### **CHURCH HISTORY - 151**

**(1 semester)**

#### NO PREREQUISITE

The Catholic Church is a world-shaping force; civilization has been profoundly influenced by the message of Jesus and the beliefs and actions of the members of the Christian community. In this course students will explore the major developments, people, and events that have shaped the Catholic Church and world history over the past 2000 years.

## **GRADE 12**

### **SOCIAL JUSTICE – 153 or 154**

**(1 semester)**

#### NO PREREQUISITE

This course is a required course for all seniors. It is a course that looks at Catholic social teachings emphasizing the fundamental dignity of human beings made in God's image and likeness and the profound respect for human life. Students will be challenged to form a firm foundation on which to analyze any problem that may affect living in the community. Students will actively be involved in working for justice.

### **ETHICS AND MORALITY –135 or 136**

**(1 semester)**

#### PREREQUISITE: Seniors only

This elective course is a comprehensive view of correct methods of making moral decisions. The course covers theories and Church teaching about views of morality, responsibility, use of reason, guilt and sin, repentance and forgiveness, moral growth and other concepts. At the same time, specific issues are approached from the viewpoint of Catholic teaching and use of reason.

### **LIFE AND DEATH CHALLENGES – 143 or 144**

**(1 semester)**

#### PREREQUISITE: Seniors only

This elective course is a comprehensive view of the most basic and difficult aspects of human realities: dying, death and the afterlife. Topics include the nature of and the coping with pain, grief, and death; judgment, afterlife and resurrection; funerary practices and remembering the dead in the Catholic tradition and in other religions and cultures; and the moral view of various life issues.

### **COMPARATIVE RELIGIONS (CP)–165 or 166**

**(1 Semester)**

#### **UC/CSU approved**

#### PREREQUISITE: Seniors only

This elective course will introduce students to the major religions of the world and will study the historical and theological developments that shaped these religions. The intent is to promote compassion and community, find greater stability in the faith and to enrich the



individual's own practices and values. The religions of Christianity, Judaism, Islam, Hinduism, Buddhism, Taoism, and Confucianism, are studied. Ecumenism will be promoted by studying the common threads that are found in all religions.

**CHRISTIAN LEADERSHIP IN MINISTRY – 183 or 184 (2 semesters)**

**PREREQUISITE:** Seniors only. Students interested in this course will be required to fill out an application, get letters of recommendation from teachers/pastors, write an essay and be interviewed.

This two-semester course is designed to help the students develop their leadership skills, understand principles for ministry and grow in their personal spirituality as they minister to the community. While studying the curriculum for the required Social Justice course, the students will demonstrate their understanding of the material by their involvement in: liturgy and retreat planning, leading of retreats, service projects, community outreach, and discernment of personal vocations.

**MEDIA AND MORALITY- 117 or 118 (1 semester)**

**PREREQUISITE:** Seniors only

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Students will view portions of or all of pre-approved media (movies, television programs, etc.) with a focus of how they relate to specific scripture passages and/or the struggle between good and evil. One block period a week would be devoted to understanding of the Sunday lectionary readings and how they apply to a quality movie. Students would write an essay on each movie or television program viewed which would demonstrate an understanding of what they have viewed, an understanding of the scripture related to it and the connection between the movie and scripture.

**SERVICE-LEARNING LEADERSHIP 119 or 120 (1semester)**

**PREREQUISITE:** Seniors only

This is a senior theology elective course. This course is for seniors who have been doing community service at Bishop Alemany. Seniors applying for this course must be highly self-motivated, responsible, and willing to be committed to participate in community service throughout the semester. Personal reflection, re: community service is the major pedagogical principle of the course. The student must be willing to not only study the course material but to personally reflect on the human and community needs that service learning addresses. This course is an excellent opportunity for students to combine their academic training and community service commitment into a structured program and, ultimately a way of life. Service hours required: 20 hours

**INTRODUCTION TO WESTERN PHILOSOPHY (CP) – 181 or 182 (1 Semester)**

**UC/CSU approved**

**PREREQUISITE:** Seniors only Petition-based elective; strong academic work in current year religion classes required or approval of the Department.

This course introduces the students to various topics that are traditionally dealt with in western philosophy. The course includes consideration of some of the current assumptions that modern science makes in its attempt to understand the nature of reality, while comparing these to the world-views of figures such as Plato and Aristotle. The course critically examines current issues in philosophy today, such as the existence and nature of



God, the existence of the soul and modern theories of evolution, among others. The course heavily focuses on developing critical thought and analytical reading skills.



## ENGLISH

## Eight (8) Semesters Required for Graduation

COURSE CODES: HS - High School  
CP - College Preparatory  
\*H - Honors  
\*AP - Advanced Placement

All courses not categorized on an academic level are heterogeneously grouped.

- 11<sup>th</sup> and 12<sup>th</sup> grade Honors and Advanced Placement courses receive extra GPA Credit: A = 5 points, B = 4 points, C = 3 points.

### **JOURNALISM (HS) – 255 and/or 256 (1 or 2 semesters)**

PREREQUISITE: Departmental/Moderator approval, writing sample, and application required.

A course providing a foundation in applied Journalism, emphasizing Journalistic composition, editing and newspaper production.

### **ENGLISH FOR INTERNATIONAL STUDENTS- 201 (1 or 2 Semesters)**

PREREQUISITE: Recommendation by Admissions Committee

This is a course that supplements the English department courses that are offered across the curriculum. Students at all educational grade levels will take this course after an initial assessment of the student's educational needs in the area of English. Vocabulary development, conversational English with native English speaking students and staff, technical vocabulary, writing skills and other skills that are needed for high school and university success will be stressed.

This course is required of all international students for at least one semester if English is not their first language. Social interaction will be an integral part of the course.

## **GRADE 9**

### **HIGH SCHOOL ENGLISH 9 (HS) – 273/274 (2 semesters)**

PREREQUISITE: None

A fundamental language arts course, which incorporates grammar, composition, literature, and related skills.

Note: This course does not fulfill A-G requirements for UC admissions. It is recommended that a CP English class be taken in summer school for A-G credit.

### **ENGLISH 9 (CP) – 211/212 (2 semesters)**

UC/CSU approved

PREREQUISITE: Department approval based on Placement Exam.

A course in language, literature, and composition designed for those students who plan to attend a four-year college immediately after high school graduation.



**HONORS ENGLISH 9 (CP) – 213/214****(2 semesters)****UC/CSU approved**

PREREQUISITE: A score among the top 50 students on the "Verbal Ability," "Reading," and "Language" sections of the Placement Exam and a strong English and Reading background at the grade school level.

A course in language, literature, and composition for those students entering ninth grade with advanced ability in English skills. Summer reading is required.

**GRADE 10****AMERICAN LITERATURE (CP) –219/220****(2 semesters)****UC/CSU approved**

PREREQUISITE: Successful completion of High School English 9 OR College Preparatory English 9 OR Honors English 9.

A course for sophomores which provides the student with an opportunity to read and analyze the major writers in American literature and to develop the language as well as writing skills needed on the college level..

**HONORS AMERICAN LITERATURE (CP) – 269/270****(2 semesters)****UC/CSU approved**

PREREQUISITE: Grade of "B" or higher in Honors English 9; OR department approval, which requires completion of College Prep English 9 with a grade of "A" and instructor's recommendation.

A course for the advanced sophomore student intended to give that student rigorous practice in reading and writing as well as analyzing major American writers in preparation for the English Literature course in the junior year. Summer reading is required.

**GRADE 11****ENGLISH LITERATURE – (CP) 229/230****(2 semesters)****(UC/CSU APPROVED)**

PREREQUISITE: Grade 11 - Successful completion of American Literature OR Honors American Literature.

A course providing the student with an opportunity to read and analyze the major writers in British Literature and to develop the writing skills needed on the college level.

**HONORS ENGLISH LIT (H) – 271/272****(2 semesters)****UC/CSU approved**

PREREQUISITE: Grade 11 - Grade of "B" or higher in Honors American Literature; OR department approval, which requires completion of College Preparatory American Literature with a grade of "A" and instructor's recommendation.

A course providing the advanced junior student an opportunity to rigorously read and analyze the major writers in English literature in preparation for the Advanced Placement course in senior year. Summer reading is required.



## **GRADE 12**

### **COLLEGE COMPOSITION (CP) – 239**

**(1st semester only)**

**UC/CSU approved**

**PREREQUISITE:** Grade 12 - Successful completion of College Preparatory English Literature OR Honors English Literature.

A course designed to help students acquire the reading and writing skills necessary for college. The major term project is the completion of a controlled research paper.

### **ART, CULTURES, & LIT (CP) – 286**

**(2nd semester only)**

**UC/CSU approved**

**PREREQUISITE:** Grade 12 - Successful completion of College Preparatory English Literature OR Honors English Literature.

A course providing the student an opportunity to study and analyze a variety of major works and concepts in the fields of painting, sculpture, literature, and architecture and to develop college level research, speaking and writing skills. Works covered range from Early Greek to contemporary.

### **AP ENGLISH (AP) – 237/238**

**(2 semesters)**

**UC/CSU approved**

**PREREQUISITE:** Grade of "B" or higher in Honors English Literature; OR department approval, which requires completion of College Preparatory English Literature with a grade of "A" and instructor's recommendation.

A course focusing on rigorous analysis of the various literary genres to prepare the student for the College Boards Testing Program's Advanced Placement English Exam given in May of the senior year and to prepare the student for university level English course demands. Course includes a controlled research paper. Summer reading is required.



## SOCIAL STUDIES

Six (6) Semesters Required for Graduation

COURSE CODES: HS - High School  
CP - College Preparatory  
AP - Advanced Placement (Course receives extra) GPA Credit: A = 5 points, B = 4 points, C = 3 points)  
UC/CSU Approved

All courses not categorized on an academic level are heterogeneously grouped.

\* - Department Recommendation for AP courses is based upon the following:

1. IOWA Test and/or PSAT results.
2. Grade in previous Social Studies class (or English class for Freshmen).
3. Recommendations of current Social Studies teacher (or English teacher for Freshmen) and department chairperson.

### GRADE 9

**GEOGRAPHY (HS) – 321 or 322** (1 Semester)

PREREQUISITE: 9<sup>th</sup> grade and placement by the Admissions Committee.

This class is intended to give a foundation for the study of upper level Social Studies classes. It utilizes the study of geography to provide a vehicle to apply basic study skills and good learning procedures.

### GRADE 10

**GLOBAL HISTORY (CP) – 323/324** (2 semesters)

UC/CSU approved

PREREQUISITE: Grade 10.

This course offers a survey of the History of Europe, the Middle East, Asia, Africa, and Latin America, emphasizing cultural and political evolution and revolutions with an emphasis on the development of global awareness and responsibility of the individual in a complex modern society.

**AP WORLD HISTORY (AP) –325/326** (2 semesters)

UC/CSU approved

PREREQUISITE: Grade 10 and department recommendation. Allied Art recommended, but not required.

This is an in-depth study of World History from ancient times to the present with emphasis on developing the skills of analyzing primary source material. It provides experience in using the skills of investigation, analysis, and critical thinking and prepares the student to take a national Advanced Placement Examination in the spring.



## **GRADE 11**

**U. S. HISTORY (CP) –331/332** (2 semesters)

**UC/CSU approved**

**PREREQUISITE:** Grade 11 and completion of Global History or AP World History.

This course is a survey of the social, political and economic history of the United States from colonization to the present time with an emphasis on the 20th century. It stresses the advancement and reinforcement of the skills of critical thinking and the application of value clarification and global awareness to the international and economic problems the United States has faced, is facing and will face in the future.

**AP U.S. HISTORY (AP) – 335/336** (2 semesters)

**UC/CSU approved**

**PREREQUISITE:** Grade 11 and department recommendation

This is an in-depth study of American History with emphasis on developing the skills of analyzing documents. It provides experience in using the skills of investigation, analysis and critical thinking and prepares the student to take a national Advanced Placement Examination in the spring.

## **GRADE 12**

**U. S. GOVERNMENT (CP) – 343 or 344** (1 semester)

**UC/CSU approved**

**PREREQUISITE:** Grade 12 and completion of U.S. History or AP U.S. History.

This course is an examination of the Constitutional foundations of American government and the function of the Executive, Legislative and Judicial branches of local, state and federal government with an emphasis on the refining of the skills of critical thinking and values clarification through the use of extensive primary source material, case studies and participatory activities.

**AP U.S. GOVERNMENT (AP) – 360 or 361** (1 semester)

**UC/CSU approved**

**PREREQUISITE** Grade 12 and department recommendation.

This course is designed to give students a critical perspective on politics and government in the United States. The topics covered include the constitutional underpinnings of American government, political beliefs and behaviors, political parties and interest groups, institutions and policy processes of national government and civil rights and civil liberties. This course prepares the student to take a national Advanced Placement Examination in the spring.

**ECONOMICS (CP) –351 or 352** (1 semester)

**UC/CSU approved**

**PREREQUISITE:** Grade 12 and completion of U.S. History or AP U.S. History.



This course introduces the student to key concepts in microeconomics, macroeconomics; including business, labor, the stock market, supply and demand, the gross domestic product, inflation, employment, and fiscal and monetary tax policies.

**AP ECONOMICS (AP) – 353 or 354**

**(1 semester)**

**UC/CSU approved**

PREREQUISITE: Grade 12 and department recommendation.

This is a college level course designed to prepare the student for the Advanced Placement Examination in Macroeconomics. Topics include key concepts in macroeconomics, aggregate supply and aggregate demand, growth, inflation, employment, fiscal and monetary policy, and international economics.

**PSYCHOLOGY (CP) –349 or 350**

**(1 semester)**

**UC/CSU elective only**

PREREQUISITE: Grade 11 or 12.

This course is an introduction to the fundamental theories in psychology including the areas of learning, thinking, creativity, and behavior.

This course helps to prepare a student for life in general and for the ways that psychology can be useful in the world of work. It provides a basis of self understanding and the knowledge of better ways to understand others.

**INTRODUCTION TO SOCIOLOGY (CP)**

**(1 semester)**

**UC/CSU Elective Approved**

PREREQUISITE: Grade 11 or 12.

Sociology is the study of people, social life, and society.

In this course students will examine how people behave in groups and how group interaction shapes both individual and group behaviors. They will analyze the rules, organizations, and values systems that enable people to live together. Through the study of social behavior, students will develop critical thinking and writing skills. With these skills, students will apply sociological concepts to current real-world social problems, as well as anticipate those of tomorrow.

**LAW & SOCIETY (CP) -305 or 306**

**(1 semester)**

**(UC/CSU Approved) –elective**

PREREQUISITE: Grade 11 or 12.

Law and Society is a course dedicated to an understanding of the American legal system and its impact on every American's life. Most students in this class are in Mock Trial.

In this course students will examine the basics of the American legal system and anticipate the direction the law will take in their lifetime. Students will understand the current state of the law and broader relevant public policy. Through the study of basic law, students will develop critical thinking and writing skills. With these skills, students will apply legal concepts to current real-world legal problems, as well as anticipate those of tomorrow.





**MATHEMATICS****Six semesters required for Graduation**

COURSE CODES: HS - High School  
CP - College Preparatory  
\* H - Honors  
\*AP - Advanced Placement  
UC/CSU approved

All courses not categorized on an academic level are heterogeneously grouped.

\* Honors and Advanced Placement courses receive extra  
GPA Credit: A = 5 points, B = 4 points, C = 3 points.

**PRE-ALGEBRA (HS) – 511/512 (2 semesters)**

PREREQUISITE: Grade 9. Placement based upon proficiency in basic math skills as indicated on the High School Placement Test.

Pre-Algebra provides a complete foundation for the study of Algebra I. The course deals with the properties and structure of the real number system, linear equations, inequalities, and graphs.

**ALGEBRA I (CP) – 523/524 (2 semesters)**

UC/CSU approved

PREREQUISITE: 9th grade students must have department approval based on the High School Placement Test and grades of at least "B" in 8th grade mathematics. 10th grade students must have grades of at least "C" in Pre-Algebra A.

This is a traditional Algebra I course introducing the fundamental operations on numbers, polynomials, and rational expressions. Other topics include factoring, linear equations, exponents, radicals and their applications.

**HONORS ALGEBRA I (CP) - 527 (2 semesters)**

UC/CSU approved

PREREQUISITE: Grade 9 - "B" average in 8th grade Math, and scores above the 80<sup>th</sup> percentile on the "Quantitative Ability" and "Arithmetic" sections of the High School Placement Test, and a passing score on the Algebra I Prognostic Test.

This is an advanced Algebra course specifically designed for students intending to be Math/Science majors. Covers same objectives as the other Algebra I courses, but in a more rigorous manner.

**GEOMETRY 9 (CP) –561/562 (2 semesters)**

UC/CSU approved

PREREQUISITE: Grade 9 - Semester grades of at least "C" in 8th grade Algebra I.

This is a geometry course designed for ninth grade students who desire to take Honors Algebra II in their sophomore year. Course objectives are the same as for Geometry but are handled in a more rigorous manner.



**GEOMETRY (CP) –531/532****(2 semesters)****UC/CSU approved**

PREREQUISITE: Semester of grade of “C” or better in Algebra I

Geometry is a course offering a transition from Algebra I to the study of Plane Geometry, as well as related concepts of Space Geometry with emphasis on intuitive, inductive and deductive reasoning.

**HONORS GEOMETRY (CP) – 567/568****(2 semesters)****UC/CSU approved**PREREQUISITE: Grade 9 - Semester grades of at least "B" in 8th grade Algebra I, and scores above the 80<sup>th</sup> percentile on the "Quantitative Ability" and "Arithmetic" sections of the High School Placement Test, and a passing score on the Algebra I Prognostic Test.

This is an advanced geometry course designed for the student who intends to major in math or science in college. Course objectives are the same as for Geometry but are handled in a more rigorous manner.

**ALGEBRA II (CP) – 541/542****(2 semesters)****UC/CSU approved**

PREREQUISITE: Semester grades of “C” or better in Geometry A

Course provides for the logical extension of the concepts studied in Algebra I. In addition to a furtherance of the student's knowledge of basic algebra skills, this course incorporates the more advanced algebraic concepts.

**HONORS ALGEBRA II (CP) –543/544****(2 semesters)****UC/CSU approved**

PREREQUISITE: Semester grades of “B” or better in Honors Geometry or an "A" in Geometry 9A or a "B" or better in Honors Algebra IA

This is an advanced course designed for the student who intends to major in math or science in college. Course objectives are the same as for Algebra II but are handled in a more rigorous manner.

**TRIGONOMETRY A/B (CP) –549/550****(2 semesters)****UC/CSU approved**

PREREQUISITE: Semester grades of “B” or better in Algebra IIA

Full year trigonometry course designed for the non-math/science major. A review of Algebra I, Geometry, and Algebra II will also be included in this course to prepare the student for college placement tests.

**TRIGONOMETRY (H) – 545****(1 semester)****UC/CSU approved**

PREREQUISITE: Semester grades of “B” or better in Honors Algebra IIA

This course includes solutions of triangle problems, radian measure, graphs of trigonometric functions, trigonometric equations, identities, polar coordinates and inverse trigonometric functions.



**MATH ANALYSIS (H) – 546****(1 semester)****UC/CSU approved**

PREREQUISITE: Grades of “B” or better in Honors Algebra IIA

Math Analysis provides the student with a rigorous analysis of the real number system. Special emphasis will be placed on the topics of series, vectors, functions, logarithms, limits, derivatives, and integrals.

**ADVANCED TOPICS (CP) – 565/566****(2 semesters)****UC/CSU approved**

PREREQUISITE: Trigonometry A/B of “B” or better

Course introduces statistics, probability, matrices, logarithms, exponential, and other topics not covered in previous college-preparatory mathematics courses.

**AP CALCULUS AB (AP) –547/548****(2 semesters)****UC/CSU approved**

PREREQUISITE: Grades in Trigonometry of “B” or better

A study is made of the differentiation and integration of algebraic functions; applications of the derivative to maximum-minimum problems, related rates, motion of a particle and curve sketching, applications of the integral to the area between two curves, volumes of solids of revolution and work, the Fundamental Theorem of Integral Calculus.

**AP CALCULUS BC (AP) – 553****(2 semesters)****UC/CSU approved**

PREREQUISITE: Grades of "B" in AP Calculus AB.

A study is made of the differentiation and integration of algebraic functions; applications of the derivative to maximum-minimum problems, related rates, motion of a particle and curve sketching, applications of the integral to the area between two curves, volumes of solids of revolution and work, the Fundamental Theorem of Integral Calculus. Content areas: Functions and Models, Limits and Rate of Change, Derivatives, Applications of Differentiation, Integrals, Applications of integration, Inverse functions, Exponential, Logarithmic, Further Applications of Integration, Differential Equations, Parametric Equations and Polar Coordinates, Infinite Sequence and Series

**CONSUMER MATHEMATICS- 559/560 (HS)****(2 semesters)**

PREREQUISITE: None

The course deals with practical applications of general mathematical skills as it affects the consumer.



<b>SCIENCE</b>	2 semesters of Biology and 2 semesters of a physical science (Earth Science, Chemistry, or Physics) are required for graduation
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Course Codes: CP – College Preparatory

AP – Advanced Placement (course receives extra GPA credit: A= 5pts, B= 4pts, C= 3pts)

BS – Biological Science

PS – Physical Science

**BIOLOGY (CP) BS 631 (2 semesters)**  
**UC/CSU APPROVED**

Prerequisites: There are no prerequisites

Biology is a one-year laboratory course covering the scientific method, basic chemistry, Biochemistry, cell structure and function, Mendelian and molecular genetics, evolution, taxonomy, animal systems, and ecology.

**ACCELERATED BIOLOGY Two semesters in Summer School**

This rigorous course is designed to prepare the student for Honors Chemistry in sophomore year. It must be taken in two summer school sessions prior to sophomore year. Course content includes biochemistry, cell structure and function, Mendelian and molecular genetics, evolution, taxonomy, animal systems, and ecology

**AP BIOLOGY (AP) BS 681 (2 semesters)**  
**UC/CSU APPROVED**

Prerequisites: Must have completed CP or Accelerated Biology and CP Chemistry and have departmental approval.

This rigorous course is designed to prepare the student for the College Board AP exam. Course content includes biochemistry, molecular biology, energetics, the relationship of structure and function, regulation, interdependence in nature, and the relationships between science, technology, and society.

**ANATOMY / PHYSIOLOGY (CP) BS 653 (2 semesters)**  
**UC/CSU APPROVED**

Prerequisites: Juniors and seniors only. Must have received a B or higher in Biology.

This course is a study of human anatomy and physiology that involves the integration of the biological and physical sciences. All human systems will be covered in detail.

**EARTH SCIENCE (CP) PS 671 (2 semesters)**  
**UC/CSU APPROVED: ELECTIVE ONLY**

Prerequisites: Juniors and seniors only.



This course will cover the following topics: mineralogy, earthquakes, plate tectonics, oceanography, space science, and environmental issues.

**CHEMISTRY (CP) PS (2 semesters)**  
**UC/CSU APPROVED**

Prerequisites: Students must have received grades of B or higher in all attempted math classes. Additionally, students must be concurrently enrolled in Algebra II or higher.

Chemistry is a 2-semester course covering elements and compounds and their compositions, properties, and behaviors. Students will investigate atomic and molecular structure, chemical reactions, states of matter, solutions, thermodynamics, acids and bases, and equilibrium. Due to the nature of chemistry, a firm grasp of Algebra is necessary for success. Students who do not fulfill the minimum requirements may contract into the class and attend the summer school introductory course to prepare themselves.

**HONORS CHEMISTRY (CP) PS 643 (2 semesters)**  
**UC/CSU APPROVED**

Prerequisites: Open only to sophomores. Must have completed Accelerated Biology Must be concurrently enrolled in Honors Algebra II or higher and have grades of B or higher in previous math classes.

Honors Chemistry is a one-year course that will cover atomic structure, chemical reactions, gases and solutions, thermodynamics, stoichiometry, and equilibrium. The class will have a comprehensive laboratory component and cover chemistry concepts at a faster pace and in greater depth than CP Chemistry. NO CONTRACTING ALLOWED.

**AP CHEMISTRY (AP) PS 685 (2 semesters)**  
**UC/CSU APPROVED**

Prerequisites: Recommendation from Honors Chemistry teacher and the approval of the Department Chair required. Must be concurrently enrolled in Trig/Math Analysis or higher.

A thorough presentation of stoichiometry and chemical reactions including precipitation, acid-base, and oxidation-reduction reactions is included. Also included are equilibrium, quantum mechanics, chemical kinetics, thermodynamics, and electrochemistry.

**PHYSICS (CP) PS 661 (2 semesters)**  
**UC/CSU APPROVED**

Prerequisites: Must be concurrently enrolled in Trigonometry or higher.

Physics is a one-year course covering Newton's physical laws, wave mechanics, thermodynamics, electricity and magnetism, special relativity, optics, and modern physics. The laws and their applications are examined with the use of logical and mathematical tools and by experimentation.

**AP PHYSICS (AP) PS 677 (2 semesters)**  
**UC/CSU APPROVED**

Prerequisites: Recommendation from Honors Chemistry teacher and the approval of the Department Chair required. Concurrent enrollment in AP Calculus is required.



This is a one-year college level course covering kinematics, mechanics, statistics, wave mechanics, thermodynamics, electricity and magnetism, optics, and modern physics. Emphasis is placed on the skills of derivation of basic laws, problem solving, and formal laboratory reports following experiments.

**SPORTS MEDICINE-607**

**(2 semesters)**

**(UC/CSU pending )**

PREREQUISITE: Biology and Departmental approval

This course covers the Anatomy and Physiology of the human body. It covers many body systems and how they relate to sport, become injured in sport and how they are cared for after injury. This is an advanced second year biology course for students interested in biology and medicine. Students from this class can also take an after school optional Sports Medicine Lab that is based on the first aid and evaluation and treatment of injuries.



**FOREIGN LANGUAGE  
Graduation**

**Four Semesters of the same language required for**

COURSE CODES: CP - College Preparatory  
AP - Advanced Placement  
(Course receives extra GPA Credit: A = 5 points, B = 4 points, C = 3 points)

**SPANISH I (CP) – 413/414 (2 semesters)**

**UC/CSU approved**

PREREQUISITE: Score at the Grade Equivalent of 9.0 or higher on the "Language" section of the High School Placement Test.

The Spanish I course aims at providing the student with the basic skills necessary to progress in the Spanish language. While certainly not neglecting grammar or written skills, the emphasis is audio-aural. The grammar covered includes: the simple tenses of the indicative mood (present, preterite) used in simple sentences.

**SPANISH II (CP) – 421/422 (2 semesters)**

**UC/CSU approved**

PREREQUISITE: Student must have completed Spanish I.

The emphasis of the Spanish II course, like the Spanish I course, is audio-aural. Besides reinforcing the basic language skills acquired in Spanish I, the course introduces the student to other aspects of grammar (i.e., the compound and progressive tenses, the use of the preterit and imperfect tenses, etc.). Activities will concentrate on developing good reading and writing skills in Spanish.

**SPANISH III (CP) –431/432 (2 semesters)**

**UC/CSU approved**

PREREQUISITE: Student must have completed Spanish II with at least a "B" average in his/her testing and an overall grade of "B".

The Spanish III course aims at providing the student with skills needed for fluency in Spanish. The grammatical emphasis is the concept and use of the subjunctive mood, but the course also includes a thorough review of all Spanish grammar. Throughout the year, the student will be introduced to various aspects of Spanish and Latin- American culture such as history, art, music, and contemporary literature through written and oral communication activities, readings, and compositions.

**AP SPANISH LANGUAGE (AP) – 441/442 (2 semesters)**

**UC/CSU approved**

PREREQUISITE: Student must have completed Spanish III with at least an "A" average in his or her testing and an overall grade of "A".

This course will prepare students for the Spanish Language Advanced Placement test given by the College Board. The course covers conversation on selected themes, composition, and introduction to the classical Spanish literature, figures of speech, art, history, and



contemporary movements in Spanish and Hispanic society. Guest speakers knowledgeable on various topics will be invited to speak to the class.

**AP SPANISH LITERATURE (AP) – 435/436**

**(2 semesters)**

**UC/CSU approved**

**PREREQUISITE:** Student must have completed Spanish III or Spanish for Bilingual students with at least an "A" average in their testing and an overall grade of "A".

This course will prepare students for the Spanish Literature Advanced Placement test given by the College Board. The course covers study of literary themes, from the early beginnings of literature to modern times in all the different genres. Special dedication will be given to modern Spanish literature, with intensive reading assignments, analyses, and compositions on selected literary works and authors. Contemporary literary movements in the Spanish and Latin-American world will be studied and examined with the assistance of guest speakers (when available) and excerpts of writings. Students will be required to attend at least one play in Spanish offered by the National Theater of Performing Arts, Ltd.

**BILINGUAL SPANISH I (CP) – 481/482**

**(2 semesters)**

**UC/CSU approved**

**PREREQUISITE:** Students must have proficiency in spoken Spanish. While most students who enroll in the course also possess knowledge of written Spanish, those who do not can progress with dedication and work.

The aims of this course are divided between the study of grammar and the reading of Spanish texts. The class will be taught entirely in Spanish and students will be required to learn to write in Spanish.

**BILINGUAL SPANISH II (CP) – 483/ 484**

**(2 semesters)**

**UC/CSU approved**

**PREREQUISITE:** Students must have completed Spanish for Bilingual Students I.

The aims of this course are divided among a review of all the grammar tenses covered in Spanish for Bilingual Students I, from the present tense to the subjunctive, the writing formats present in the language (e.g., descriptive, narrative, analytical), and the reading of literature, such as short contemporary stories. The class will be taught entirely in Spanish and prepare students for the Spanish Language Advanced Placement Exam given by the College Board.

**FRENCH I - (CP) – 453/454**

**(2 semesters)**

**UC/CSU approved**

**PREREQUISITE:** Score at the grade equivalent of 9.0 or higher on the "Language" section of the High School Placement Test.

The French I course aims at providing the student with the basic skills necessary to progress in the French language. While certainly not neglecting grammar or written skills, the emphasis is audio-aural. The grammar covered includes: the tenses of the indicative mood (present, simple past, imperfect, future, and passé compose) used in simple sentences. The teacher will use French as much as possible in the classroom.

**FRENCH II - (CP) –455/456**

**(2 semesters)**



**UC/CSU approved**

PREREQUISITE: French I

The emphasis of the French II course, like the French I course, is audio-aural. Besides reinforcing the different aspects of the French grammar and verb tenses, and sentence structure, the course introduces the students to other aspects of the language in its authentic cultural context. This program is designed to integrate the necessary skills in each student, to develop and expand effective communication skills in French.

**FRENCH III (CP) – 487/488**

**(2 semesters)**

**UC/CSU approved**

PREREQUISITE: Semester grade of “B” or higher, in the French II course.

This course is a continuation to the French II course. The emphasis of the French III course is audio-aural. Students will review the different aspects of the French grammar and verb tenses, and will be introduced to complex verb forms, as well as idiomatic expressions. The course introduces the students to other aspects of the language in its authentic cultural context. The course will provide students with intensive communicative activities. This program is designed to integrate the necessary skills in each student to develop and expand intermediate communication skills in French.

**INTRODUCTION TO KOREAN-S402**

**(1 SEMESTER)**

**PREREQUISITE: None**

This is a course which places on the basic skills such as pronunciation, simple sentences, and essential words and phrases in conversational Korean. It introduces the student to the language, the people, the culture and the history of Korea. The students will listen, and speak basic Korean. Fundamentals such as: alphabet, Hangul; greetings; descriptions of locations; weather; days of the week; numbers; affirmative and negative sentences; telephone conversation; date will be an integral part of the course.

**KOREAN I A/B (CP)-471**

**(2 SEMESTERS)**

**Prerequisite: None**

471 The first year of Korean language offers an integrated study of grammar, vocabulary, history and culture in the Korean language. Emphasis is placed on the basic skills such as pronunciation, simple sentences, and essential words and phrases. While some of the historical, cultural and grammatical lessons will be in English, the course will be conducted primarily in Korean. Students from the Bi-lingual Korean class will be part of the classroom experience in order to enhance the student’s opportunities to learn from Native speakers of the same age.

**BILINGUAL KOREAN I A/B (CP)-491**

**(2 SEMESTERS)**

**PREREQUISITE: Korean Speaker; Advanced writing and reading skills**

The Bilingual class in Korean offers an integrated, deep study of grammar, vocabulary, history and culture in the Korean language. Emphasis is placed on the advanced skills such as pronunciation, complex writing, and in depth writing and reading in the Korean. All of the historical, cultural and grammatical lessons will be in Korean. Students from the lower level Korean classes will be part of the classroom experience in order to allow the students opportunities to learn from speakers of other cultures to share in the beauties of the Korean language, culture and history... This course will include the taking of the SAT II in Korean.



**FRENCH IV (CP) – 457/458**

**(2 semesters)**

**UC/CSU approved**

**PREREQUISITE:** Semester grade of “B” or higher, in the French III course.

This course is a continuation of the French III course. The emphasis of the French IV course is the practice and development of written, and verbal, and communicative skills at an advanced level in the French Language. Besides reinforcing the different aspects of the French advanced grammar and complex verb tenses, the students will be exposed to other aspects of the language, such as Literature, History, and Cinematography in its appropriate cultural context. The course will provide students with intensive communicative activities, and real-life situations.



**PHYSICAL EDUCATION Two (2) Semesters Required for Graduation**  
**One (1) semester is fulfilled during the 9<sup>th</sup> Grade year. One (1) semester is fulfilled by**  
**taking an upper division P.E. class during the 10<sup>th</sup>, 11<sup>th</sup>, or 12<sup>th</sup> grade**

**FRESHMAN PHYSICAL EDUCATION 707,708(GIRLS’):709,710(BOYS’)**

**(1 semester)**

PREREQUISITES: 9<sup>th</sup> grade.

This course is designed to introduce the students to the skills, strategies, and rules involved in team sports and physical fitness. Emphasis is placed on participation in each sport and written evaluations of rules and strategies.

**FRESHMAN HEALTH 703,704(GIRLS’):705,706(BOYS’)**

**(1 semester)**

PREREQUISITES: 9<sup>th</sup> grade (not co-educational)

This course is designed to acquaint the student with various aspects of health, which will concern the student's mental, physical, and social well being, now and in the future. The course will deal with physical and emotional development, family health, sexually transmitted diseases, nutrition, alcohol, drugs, tobacco, consumer health, environmental health, community health resources, and the male and female body and reproduction.

**BOYS’ ATHLETIC PHYSICAL EDUCATION**

**(1st & 2nd semester)**

PREREQUISITES: Participation on an athletic team and permission of Department Chair

This course is designed to give academic credit to those students who participate on an inter-scholastic team. The course will focus on sport specific fundamentals and techniques.

**GIRLS’ ATHLETIC PHYSICAL EDUCATION**

**(1st & 2nd semester)**

PREREQUISITES: Participation on an athletic team and permission of Department Chair.

This course is designed to give academic credit to those students who participate on an interscholastic team. The course will focus on sport specific fundamentals and techniques.

**DANCE P.E. 719/720**

**(1 semester)**

PREREQUISITES: 10<sup>th</sup>, 11<sup>th</sup>, or 12<sup>th</sup> grades only

In this class students will learn the fundamentals of dance. They will study jazz, hip-hop, lyrical, interpretive as well as develop the ability to create their own pieces of work. Each student will learn the history of dance through film and lecture. The student is required to participate in a recital at the end of the semester for a grade.

**UPPER DIVISION DANCE**

**(2 semesters)**

PREREQUISITES: Dance A & B (or a member of the dance team)

This course is designed to provide the students with more advanced dance skills regarding the elements of dance, body movement, physical coordination, choreography and music



interpretation with an emphasis on performance. Student will further their understanding of dance through traditional, cultural and contemporary dance styles. Through viewing dance documentaries, movies, note taking, personal evaluations, journals, and performances, students will become more skilled dancers and will gain the skills to analyze and interpret works of dance and the performances of dancers based on standards, principles and cultural context. They will further their physical skills as well as advance their knowledge of how the body and mind work as one.

**GIRLS LIFETIME FITNESS**                      **723/724**    **(1 semester)**  
PREREQUISITES: 10<sup>th</sup>, 11<sup>th</sup>, or 12<sup>th</sup> grade girls only

This course emphasizes physical fitness as a lifetime activity. Topics covered are nutrition, cardiovascular fitness and weight lifting. The students will design and participate in their own exercise program.

**BOYS LIFETIME FITNESS**                      **725/726**    **(1 semester)**  
PREREQUISITES: 10<sup>th</sup>, 11<sup>th</sup>, or 12<sup>th</sup> grade boys only

This course emphasizes physical fitness as a lifetime activity. Topics covered are nutrition, cardiovascular fitness and weight lifting. The students will design and participate in their own exercise program.

**ADVANCED DANCE**                      **727 or 728**    (1 semester)  
PREREQUISITES: 10<sup>th</sup>, 11<sup>th</sup>, or 12<sup>th</sup> grade girls only

This course emphasizes the continuation of skills learned in beginning dance. They will study jazz, hip-hop, lyrical, interpretive as well as develop the ability to create their own pieces of work. Each student will learn the history of dance through film and lecture. The student is required to participate in a recital at the end of the semester for a grade.

**UPPER DIVISION BOYS/GIRLS PHYSICAL EDUCATION**  
**701/702 (M):700/711(W)**    **(1 semester)**

This course emphasizes physical fitness as a lifetime activity. Topics covered are nutrition, cardiovascular fitness and weight lifting. The students will design and participate in their own exercise program.



**ALLIED ART A & B – 887/888****(2 semesters)****UC/CSU approved**

PREREQUISITES: Only students enrolled in the Honors English 9 program

Allied Arts is an introduction to art history and art criticism. Students will learn how to look at and write about a work of art with a better understanding using art vocabulary and knowledge. Allied Art is an historical exploration of works of architecture, paintings, and sculpture. This course includes an introduction to the elements, techniques and artistic achievements in these fields as reflected in a survey of works from the Prehistoric period to Modern times. Several hands-on studio assignments will add to the students' understanding of art in society. This course is **highly recommended** as preparation for the Honors course in AP European History. This class fulfills the UC VPA requirement. Textbook required.

**ART & ARTIST A & B – 885/886****(2 semesters)****UC/CSU approved**

PREREQUISITES: None

This class is designed for all levels of students as an introduction into the arts and art history using a variety of multi cultural and art history hands-on art experience. Topics include the elements of art, Western European art, Japanese art, Mexican art, and other cultural influences in the area of art. Readings and several written assignments are also required. This class fulfills the UC/USC Visual & Performing Arts requirement. Textbook and sketchbook are required.

**STUDIO ART IA - 805****(1 semester)****UC/CSU approved.**

NO PREREQUISITES

Students will explore an understanding of art through a variety of two-dimensional and three-dimensional art projects (pen & ink, watercolor, sculpture, etc.). Emphasis will be placed on the structure of art & design concepts, elements and principles (texture, line, color, space, shape). The importance of art in society and living, art history, and the aesthetic experience will also be explored. Several home assignments may be included. A small sketchbook and a textbook are required.

**STUDIO ART IB - 806****(1 semester)****UC/CSU approved.**

PREREQUISITES: Studio Art IA.

Students will continue to explore the use of color, value, line, shape, form and texture in the world around them by learning art skills and creating original works of art, drawing, painting and pastels. This class is designed for all levels of students.

**GRAPHIC DESIGN I - 837****(1 semester)**

PREREQUISITES: Basic computer skills required



This class explores all areas of the graphic arts field, including lettering/typeface, illustration (drawing), paste-up and commercial art design using the computer program – Adobe Illustrator. Students will become aware of the aspects of advertising and the visual emphasis on our lives. Students will learn the basic elements and principles of art and design that will carry over into computer illustration. The Graphic Design II class is a continuation for this curriculum

**GRAPHIC DESIGN II - 892**

**(1 semester)**

**(2nd Semester only)**

PREREQUISITES: Graphic Design I OR Departmental approval

This class continues to explore the design qualities learned in Graphic Design I. Students will work Adobe Photoshop to create advertisements, magazines, paste-up and original works of art used in the field of graphic design.

**ADVANCED ART – 817/818 (IA & IB or IIA & IIB may be taken up to four semesters)**

**UC/CSU approved: Adv. Art IA & IB Only**

PREREQUISITES; “A” in Art & Artist or Studio Art OR Department Approval/Portfolio Review

This course is designed for the serious art student. Areas of discussion and experimentation include drawing, painting, sculptures, design, composition as well as aesthetic value of finish artwork. Advanced students will also learn how to matt and mount their own artwork, and how to prepare a portfolio for future use. Home drawing assignments are due weekly. A large sketchbook, a portfolio and several art materials will need to be purchased.

**SCULPTURE 807/808**

**(1 or 2 semesters) Elective**

PREREQUISITES: None

The course will closely examine various sculptural works of art and the history, Students will design and produce sculptural artworks of their own based on the concepts learned from each artist. Projects will range from basic studies in three-dimensional design, to building, assemblage, and carving. Students will work with various materials including: cardboard, floral foam, plaster, wire, and found objects. The primary goal of this class is to have students come to an understanding of the various ways of producing sculpture and applying the elements and principles of design to the 3 dimensional form.

**CERAMICS A/B – 821/822**

**(2 semesters)**

**UC/CSU approved**

NO PREREQUISITES: None

This is a full year class that explores the history of ceramic and sculpture of many different civilizations and cultures. Students will learn ceramic terms and vocabulary as well as develop a basic understanding of the clay and firing process. Craftsmanship of hand building technique with an emphasis on history help students gain an appreciation of the arts. Reading and research of ceramics make this class fulfill the UC/CSU Visual and Performing Arts requirement.

**ADVANCED CERAMICS - 823/824**

**(1, 2, 3, or 4 semesters)**

PREREQUISITES: “A” in Ceramics A/B OR Department Approval



This course provides the more serious ceramic student an opportunity to explore further and individually experiment with clay projects and to improve skills in hand building and wheel throwing. Emphasis is placed on advanced design and improved craftsmanship. Students are required to keep a sketchbook/notebook of ideas and references. A ceramics research paper is required.

**DANCE A & B – 855/856**

**(2 semesters)**

**UC/CSU approved**

**PREREQUISITES: None**

In this class students will learn the fundamentals of dance. Students will study jazz, lyrical, interpretive as well as develop the ability to create their own pieces of work. Each student will learn the history of dance through film and lecture. Performance is a major component of this class. Students are required to participate in a recital at the end of the semester for a grade. This class fulfills the UC/VPA requirement

**THEATER A & B - 833/834**

**(2 Semesters)**

**UC/CSU approved**

**PREREQUISITES: None**

This beginning class serves as an introduction to theater with an emphasis on performance. This course explores basic concepts, exercises, improvisation techniques, monologues, and scene study and character development. A history of the theater is also discussed and explored in this class. This class fulfills the UC VPA requirement.

**ADVANCED THEATER- 836**

**(1 semester)**

**PREREQUISITES: "B+" or higher in Theater A AND/OR department approval.**

Advanced Theater is a performance class. Students will produce a One Act Play in conjunction with the Theater Club. Study areas will include traditional, classical, and modern performances as well as acting before the video camera.

**DIRECTING FOR THE STAGE-840**

**(2nd semester only)**

**PREREQUISITES: Grade of "B+" or better in Advanced Theater or Theater B.**

Students will learn the basics of theatrical directing, staging, movement, character motivation, technical theater and production. They will also become conversant in the language of performers - how to communicate with the talent. The student will select a script (story), cast the roles, stage the talent, rehearse and perform the play on a designated evening during the semester.

**PLAYWRITING-842**

**(2nd semester only)**

**PREREQUISITES: Grade of "B+" or better in Advanced Theater or Theater B.**

Students will follow set guidelines in learning the creative writing process for the theater. They will learn how stories are created, how they are shaped and molded as well as writing dialogue. Students will also learn how the theater is used to tell the story. Students will then write a full-length play (two-acts) to be presented in conjunction with the Advanced Theater class.



**DIGITAL VIDEO PRODUCTION A&B – 802/803****(2 semesters)**

UC/CSU approved

PREREQUISITES: None

Students will be instructed in the new format of communication, one that is appropriate to the 21 century Digital Video. They will be taught the special terminology of Television and Film and how to use it in their efforts to express themselves. Students will be introduced to the basic video techniques. Areas of study include editorial techniques. Students will learn newsgathering and interview techniques, which will be incorporated into the production, related to campus events. The class will introduce students to the screenwriting process as well as directing a dramatic, single camera film-style production. **Students will be required to spend time outside regular school hours to work on class projects.**

**ADVANCED DIGITAL VIDEO PRODUCTION-845/846****(1 semester)****(2nd semester only)**

PREREQUISITES: Grade “B+” or higher in Digital Video Production

Advanced techniques in videography. Areas of study include commercials, public service announcements, and documentaries. The final project is a thirty- minute video production including creation of a screenplay, videotaping and editing.

**DIRECTING VIDEO PRODUCTIONS - 868****(2nd semester only)**

PREREQUISITES: Grade of “B+” or better in Digital Video Production

The student will be taught the rudiments of film and video direction: camera placement, blocking of talent, action concepts, dramatic tension, and development of talent relations. Students will learn multiple camera as well as "film style", single camera production. The student will direct their own commercial, documentary as well as a half-hour dramatic format video production as well as learning to shoot on location.

**SCREENWRITING****(2nd semester only)**

PREREQUISITES: Grade of “B+” or better in Digital Video Production.

Having learned the fundamentals of screen writing in Theater Arts I and Theater Arts II, the student will follow set guidelines while writing a full-length screenplay. The student will study character development, story construction, as well as film structure and develop a story treatment and screenplay for a final project.

**SCHOLA CANTORUM A&B – 853/854****(1 or 2 semesters)**

UC/CSU approved

PREREQUISITES: Teacher approval for 1 semester, however, 2 semesters are preferred.

Schola is a class designed for students who wish to sing and perform music of diverse levels and styles. The class teaches sight-reading, harmony and solo work. Students are required to participate in concerts, liturgies, and school tours. Schola taken for 2 semesters fulfills the UC VPA requirement. Textbook required.

**ADVANCED CHOIR –****(2 semesters)**

UC/CSU approved

PREREQUISITES: Departmental Approval



Advanced concert choir is offered to students who have successfully participated in Schola Cantorum, the concert choir, for at least one year and who pass an audition with the instructor. This course is designed to improve the vocal abilities and performance skills of each student and to enhance the student's knowledge of music history and the aesthetic and cultural values of choral music. Students will sing diverse musical literature from the European Renaissance, Baroque, Classical and Romantic periods as well as from a selection of American musical forms, such as Spirituals, Gospel, Jazz, and Broadway. Through the study of these different musical styles, students will develop a better understanding of historical events and the impact that history has on choral music.

**BAND/MARCHING/CONCERT -843/844** (1 or 2 semesters)  
**UC/CSU approved**

**PREREQUISITES:** Playing knowledge of an instrument preferred but not required.

This class is both an in school and an extracurricular subject that meets outside of school time; thus, students may still take 6 classes during the regular school day and still participate in band. Band is designed for the student who already has a working knowledge of a musical instrument or who is enrolled in an introductory band course. During the fall semester, the marching band will prepare pre-game and halftime shows for home football games. The band will also perform at other band functions, such as, competitions, parades, field shows, and concerts from November to May. All band members must attend scheduled after-school rehearsals to coordinate routines with the drill team and color guard.

**ORCHESTRA (CP)-848** (2 semesters)  
**UC/CSU approved**

**PREREQUISITES:** Playing knowledge of an instrument AND Departmental approval

Orchestra is a class design to develop the skills of the beginning and intermediate string player. The goal of the class is to improve foundation skills, and to perform a variety of musical literature, including works from the standard orchestral repertoire. Study includes the care and cultivation of a beautiful tone, the ability to read music, the building of technical skills, team spirit, and responsible rehearsal habits. Performance opportunities will include string orchestra, small ensembles and solos. Students will strengthen listening skills and their ability to analyze and evaluate music and music performances. Attention will also be given to relating their music experiences to the time and culture of the pieces they study, as well as to contemporary society. In all respects, orchestra can be considered an area of lifelong learning and enjoyment.

**ART PRODUCTION DESIGN-877/878** (2 semesters)

**PREREQUISITES:** Departmental approval, writing sample, and application required.

This course is designed to teach the skills necessary to produce the school yearbook, **The Recuerdos**, which offers a complete record of an entire school year. The year begins by planning the coverage for the school year and designing a unifying theme for the book. Students will study magazine journalism including layout and design techniques, writing and editing copy, headlines and picture captions. This course provides the study of and practice in gathering and analyzing information, interviewing, note taking and photography. Students will learn strategies of planning, marketing (ad sales) and distribution of the



yearbook.. Students will learn proofing strategies and work independently with photographers. At times, deadlines require that staff members work after school, on weekends, and holidays. Students will learn good work habits and are responsible for all phases of yearbook publication. Yearbook is also a business in which the class is held accountable to a publishing company, the student body, the faculty, and the community.

### **HUMANITIES (CP) –875/876**

**(1 or 2 semesters)**

**UC/CSU approved: Elective Only**

**PREREQUISITES:** Department approval and application required.

Humanities is a course which focuses on the fine arts, literature, grammar, music, speech, rhetoric, essay writing, interviewing, and theater. Class activities center on research techniques, advanced writing skills, impromptu and prepared speeches, frequent written/oral examinations and written/oral seminar presentations. Summer reading is required.

### **COMPUTER SCIENCE – 925(Freshmen) 927(Upperclassmen)**

**(1 semester)**

**This course fulfills the graduation requirement**

**PREREQUISITES:**

This course prepares students for the future by equipping them with the technological skills to complete college work. Projects will utilize word processing, desktop publishing, spreadsheet management and slideshow presentation. Additionally, attaining success in these skills will prepare students to pass the computer user office certification exam at the proficiency level for one or more of these technological tools.

### **WEB DESIGN- 985/986**

**(1 Semester)**

**This course fulfills the graduation requirement**

**PREREQUISITES:** – Students must have taken an introductory computer course. and must receive departmental approval.

This course introduces students to the world of Web publications. Through hands-on experience, the students will learn how to create, to design and to publish well-designed web sites. Students will also incorporate digital photos, streaming videos, and other graphics. Students will learn to use the leading edge software including the latest web design tools: Dreamweaver® MX, Flash® MX, Fireworks® MX, and ColdFusion® MX.

### **3-D VIRTUAL PROGRAMMING**

**(1 Semester)**

**PREREQUISITES:** – Students must have taken an introductory computer course and must receive departmental approval.

This course is an introductory computer programming course that uses Alice software. Alice uses a 3-D virtual world and a drop-and-drag editor to allow entry level programmers the ability to create simple stories and games using a gallery of visual objects and world templates. Alice software is written by Carnegie Mellon and developed as an innovative approach to teaching first time students the basics of object oriented programming via a visual graphic environment. This course is a bridge into the standard object oriented programming languages such as Java, C++, and C#.



## MISCELLANEOUS COURSES

### **ELEMENTARY SCHOOL/NURSERY SCHOOL-TEACHING ASSISTANT 987 or 988** **(1 or 2 semesters)**

PREREQUISITES: Seniors only AND Career Advisor approval approval required.

This is a one semester, designed for the student who wishes to assist at local grade/nursery schools as a tutor, instructional aide or office assistant and to receive academic credit for his/her services. To determine placement and responsibilities, the student and the Director of Career Education should contact principals of the prospective schools. School citizenship and attendance record are part of the evaluation for acceptance into this position. Career research and daily logs are an important part of the educational experience in the program. Students are responsible for their individual transportation to and from the work site.

### **CAREER EDUCATION-** **(1 or 2 Semesters)**

#### **OFFICE PRACTICE** **(1 or 2 semesters)**

PREREQUISITES: Seniors only. - Course contract required – Students must be in good standing in discipline and attendance.

Students enrolled in this course work in the attendance office, counseling office, library, or in a classroom. The Girls Deans of Discipline will assign students to one of these three areas.

1. Students assigned to the attendance office or counseling office will assist administrators and teachers in such clerical duties as filing, mailing, collating, switchboard operation and helping with the attendance procedure.
2. Students assigned to the library will be provided the opportunity to learn the library's organization and to give practical experience in shelving materials, filing, typing, preparing bibliographies, locating and using indexes, reference materials, and pamphlets and arranging library displays.
3. Students assigned to the Arts Department will be responsible to perform a variety of tasks including maintenance of material and cleaning in Arts class. Students may be in charge of checking art materials, ceramic materials, and photo materials, in and out on a daily basis.

#### **RHETORIC AND COMPOSITION (CP) – 240** **(1 semester)** **(Second semester only)** **UC/CSU Elective only**

This course is designed to introduce the various modes of rhetoric used in written communication. Students will write essays based on personal experiences, current events,



controversial topics, and methods used in speech writing. Since this course is based on the principles of logic and argumentation, some outside research will be required of the student.

**ASSOCIATED STUDENT BODY (ASB)- 301 or 302 (1 semester)**  
**PREREQUISITE:** Approval of Director of Student Activities

This is an elective class for those students who have been elected to a particular commission. It is comprised of two groups: Executive Student Body Officers and Commissioners and Class Officers. Students will develop an understanding of how to be a liaison between the Administration and Bishop Alemany's student body. Students will learn how to coordinate activities (from the planning to clean-up), as well as promoting school spirit within the context of a Catholic school. ASB class encourages all students to be involved as well as being the elected leaders of the school. Students will be expected to attend class as well as complete a required number of hours for each of the various events. An example would be completed 5 hours for a dance. Students will also be called upon to represent the school at events such as Back-to-School Night and Open House.

### **COURSES ON OTHER CAMPUSES**

In addition to the courses listed above, Bishop Alemany High School is working with Mission College and with the North Valley Occupational Center to provide other courses where students might have skills or interest. More information in regard to these courses will be available in the first part of each semester. Students may take courses at the college level with permission from the Assistant Principal for Studies. Some forms and schedules are available in the Studies Office.

As a Catholic high school, Bishop Alemany is a community enriched by faith that develops intellectually prepared men and women who are committed to promoting a just and peaceful world as conscientious and morally courageous leaders in service to others.

