

ST. BONAVENTURE HIGH SCHOOL COURSE CATALOG

TABLE OF CONTENTS

INTRODUCTION	2
THE PHILOSOPHY AND GOALS OF SAINT BONAVENTURE HIGH SCHOOL	2
MISSION STATEMENT	2
GOALS AND OBJECTIVES	3
ADMISSION PROCEDURES	4
INTREGRAL STUDENT OUTCOMES (ISO)	5
FOUR YEAR PLAN	6
GRADUATION REQUIREMENTS OF SAINT BONAVENTURE HIGH SCHOOL	7
HONORS DIPLOMA	7
REQUIREMENTS FOR THE HONORS DIPLOMA	7
REQUEST FOR COURSE CHANGE	7
CREDIT DEFICIENCY	8
ACADEMIC ACCOUNTABILITY, PROBATION, DISMISSAL, ELIGIBILITY	8
SUMMER SCHOOL	9
SUMMER SCHOOL OFFERINGS -	10
SERVICES AVAILABLE FOR STUDENTS WITH LEARNING DIFFERENCES (STEP)	11
UNIVERSITY OF CALIFORNIA REQUIREMENTS	12
CALIFORNIA STATE UNIVERSITY REQUIREMENTS	12
INFORMATION ON ADVANCED PLACEMENT (AP) CLASSES	14
NCAA APPROVED COURSES	15
DEPARTMENT OFFERINGS	16
COMPUTER SCIENCE DEPARTMENT	18
ENGLISH DEPARTMENT	17
FINE ARTS DEPARTMENT	19
FOREIGN LANGUAGE DEPARTMENT	21
MATHEMATICS DEPARTMENT	22
PHYSICAL EDUCATION AND HEALTH DEPARTMENT	24
RELIGION DEPARTMENT	27
SCIENCE DEPARTMENT	25
SOCIAL STUDIES DEPARTMENT	30
CPCL- COLLEGE PREP CULTURAL LANGUAGE	31
COLLEGE BOARD CAPSTONE	30
NON-DEPARTMENTAL OFFERINGS	30

Introduction

Saint Bonaventure, an Archdiocesan four-year co-educational high school, promotes an atmosphere in which the Gospel values encourage mutual respect and concern among the members of the school community. This spirit of community is strengthened by personal, academic and vocational counseling which promotes self-direction; by a discipline program which encourages self-control; and by extra-curricular programs which develop social skills and emphasize cooperation.

The school seeks to provide a program of studies which integrates the intellectual, physical, emotional and spiritual needs of a broad range of students, enabling them to excel to the best of their ability. Each student is assisted in determining a course of study by counselors, teachers, and parents; the particular course of study must reflect the academic policies of Saint Bonaventure High School, the Archdiocese of Los Angeles, and the State of California. In addition, it is recommended that the student keep in mind the particular requirements of colleges and universities so as to better plan a comprehensive four-year program of studies.

In order to acknowledge the achievement of high ability students, Saint Bonaventure High School offers the opportunity for students to graduate with an Honors Diploma. In addition, advanced placement courses in English, calculus, and U.S. history challenge students to take on college-level work, think at a high level, and demonstrate self-discipline, self-motivation and initiative in meeting the demands of these high level courses. Students may earn college credit with a score of 3, 4, or 5 on the national tests given in May.

Students are encouraged to meet with counselors and consult their teachers in planning their course of studies. It is most important that each student plan a program that is reflective of his/her abilities which will lead to the greatest measure of self-fulfillment.

This handbook is intended to aid course selection. Departments are listed alphabetically. Please pay close attention to any prerequisites given for particular courses.

THE PHILOSOPHY AND GOALS OF SAINT BONAVENTURE HIGH SCHOOL

Saint Bonaventure High School is founded on the spiritual ideals of St. Francis of Assisi and the academic fervor of its namesake, Saint Bonaventure. The Franciscan Order first established roots in the local area through the work of Junipero Serra who named the last of his California missions for the Seraphic Doctor, Saint Bonaventure. With the same purpose of nourishing a faith community, Saint Bonaventure High School strives to inculcate the values emphasized by St. Francis in an academic setting that prepares and motivates young people to be committed to the Christian way of life.

Primary to our purpose is providing a prayerful Catholic, co-educational environment that focuses on the unique qualities and gifts of each individual and his/her importance as a member of the Body of Christ. Students are at the heart of our endeavor. Opportunities to nourish each student are provided through academic classes, extra-curricular activities and religious rites. Parents/guardians are the primary educators of their sons and daughters. The staff of Saint Bonaventure High School compliments parents in their task not only by direct instruction, but by assisting the parents/guardians in meeting individual needs and by being Christian role models in their daily contact with students. It is through these efforts that students will learn to take pride in self, respect others and offer service to the school, the church and the community in which they live. All is done in accordance with the motto ...

Soli Deo Honor Et Gloria
(Only for the Honor and Glory of God)

OUR MISSION

As a community of faith inspired by Christian values and celebrated in Catholic tradition, St. Bonaventure High School fosters a shared dedication *to living faith, engaging hearts, enlightening minds, achieving excellence and transforming lives.* We commit to the education of the whole person, entrusting to each student the values, knowledge, and wisdom to witness the call to serve and transform the world.

GOALS AND OBJECTIVES

In the context of this stated philosophy, Saint Bonaventure High School sets forth the following goals and accompanying objectives:

1. To foster a climate where individual faith may become “living, conscious and active.” (To teach as Jesus did, *National Conference of Catholic Bishops*)
 - a. By presenting instruction in Catholic doctrine.
 - b. By providing the means for faith to grow through celebration of Mass, by holding penitential services and through participation in retreats.
 - c. By providing spiritual guidance and counseling directed by the Campus Minister employing the services of local clergy.
 - d. By requiring each student to demonstrate Christian service to the community and to reflect on what that service has meant to him/her and to those served.
 - e. By striving to make students aware of the responsibilities incumbent in the followers of Christ and encouraging them to make a difference in the world.
2. To provide an atmosphere where knowledge of God is the core of all learning.
 - a. By employing personnel who are committed to or supportive of Catholic beliefs in leading students to knowledge.
 - b. By providing religious instruction that is faithful to the Church Magisterium and Doctrines.
 - c. By striving to incorporate the values of Catholic faith into all aspects of campus life.
3. To promote a genuinely Catholic environment where all members of the school community bear witness to Gospel values in all personal and professional relationships.
 - a. By having Christian values permeate all activities in the school community.
 - b. By encouraging all faculty, students and staff to show mutual respect, dedication and concern in their pursuit of knowledge and in social interaction.
4. To provide a program of studies which addresses the needs of a broad range of student abilities.
 - a. By offering a core curricular program of studies.
 - b. By providing a framework of meaningful instruction which develops skills necessary for future educational and career choices- job market, vocational training, military service, community college, four year college or university.
 - c. By regularly evaluating and revising the curriculum to meet the requirements of State, Archdiocese, and the St. Bonaventure High School community.
 - d. By assisting students in developing the capacity to reason objectively, critically and wisely.
 - e. By observing and evaluating teacher in-class instructional methods and performance.
 - f. By working with the Department of Catholic Schools for the Archdiocese of Los Angeles, Ventura Unified School District and Ventura College to improve and plan the school’s future.
5. To encourage leadership, physical fitness, sportsmanship and competition through extra-curricular activities.
 - a. By promoting the ideals of student government and providing avenues for student involvement: ASB, Girl’s and Boy’s State, Youth in Government and Rotary Youth Leaders Association.
 - b. By providing the opportunity for all students to participate in competitive athletic programs.
 - c. By encouraging students to participate in inter-school academic programs such as Knowledge Bowl and Geography Competition.

6. To direct each student towards self-discipline and personal fulfillment.
 - a. By developing and consistently implementing a discipline system which is in accordance with Christian principles.
 - b. By establishing rules and regulations which guide students towards mature Christian conduct.
 - c. By providing academic, spiritual and personal counseling.
 - d. By providing social service opportunities such as ACTS, Interact and Key Club.
 - e. By providing opportunities for social interaction such as dances and assemblies.

7. To encourage frequent parent-teacher involvement and communication so that parents may fulfill their roles as the primary educators of their children.
 - a. By establishing and following guidelines for notifying parents of school policies, student academic and behavioral performance as well as forthcoming events and activities.
 - b. By providing opportunities for parent-teacher conferences.
 - c. By eliciting parental input in the development of the stated school philosophy and appropriate policies.
 - d. By forming parent/faculty groups to develop and implement short and long-term goals to maintain and improve St. Bonaventure's standard of excellence such as the Academic Enrichment Organization.
 - e. By encouraging parents and teachers to attend Parent-Teacher Guild meetings.
 - f. By hosting "Back to School" night and other functions which bring parents to campus and encourage discussion of educational topics.
 - g. By developing regular social contacts between parents and teachers, (e.g. Parent Social, Fiesta, Einstein and Wine, and athletic events.)
 - h. By publicizing the works and achievements of the school in the yearbook, school and local newspapers, Parent Teacher Guild Newsletter, Green & Gold Gazette and Alumni Newsletter.

Admissions and Registration

Students are eligible for the ninth grade provided they have successfully completed elementary and junior high school requirements and have demonstrated the ability to be successful in high school. An incoming ninth grader must take the High School Placement Test and have the recommendation of his/her Principal and eighth grade teachers. Admission is determined by 8th grade report cards, placement test results and recommendation from current junior high school. If need be, an interview will be scheduled to determine admissions. Placement into freshmen advanced courses is determined by the placement test scores and/or a subject readiness test, scheduled on an alternate day.

Students who apply for admission into grades 10,11 or 12 are required to present an official transcript and attendance records from the high school previously attended and have a personal interview with the Administration. Admission is determined by transcripts of good academic standing, the parent/student interview, and the student's desire to attend.

Admissions for International Students

Saint Bonaventure High School primarily accepts international students applying for freshman or sophomore levels (9th or 10th grades). Occasionally juniors (11th grade) are accepted only after providing sufficient proof of success in an English instructional program for 9th and 10th grades (i.e. enrollment in either an international school or another U.S. high school).

Students coming from China: We are currently in partnership with the Cambridge Institute for International Education. Students from China can inquire about the total cost (the school's tuition plus the Cambridge academic and home stay fees), and how to begin the application process. Please visit our school website for more information.

Integral Student Outcomes/ Core Values

Saint Bonaventure High School instills the core values: **Living Faith, Engaging Hearts, Enlightening Minds, Achieving Excellence and Transforming the Lives** so that upon graduation a SBHS Seraph will:

Live Christian Way of Life:

- Understand the teaching of the Catholic Church and other faiths
- Apply Christian values and moral standards of humility, integrity and justice
- Demonstrate compassion, charity and service.

Pursue Academic Endeavors:

- Develop the skills to think critically and creatively
- Seek knowledge and higher learning
- Achieve success in college preparatory course work

Establish a Commitment to Personal Excellence:

- Establish and accomplish personal goals
- Collaborate to fulfill common goals
- Strive to maintain a healthy lifestyle

SAINT BONAVENTURE HIGH SCHOOL COURSE SELECTION AND FOUR YEAR PLAN

Courses marked with an asterisk (*) have prerequisites. Courses marked with the number sign (#) are one semester courses. College Prep (CP) courses satisfy both the SBHS graduation requirements and CSU requirements. UC requirements are indicated below.

GRADUATION AND UC CSU REQUIREMENTS	UC RECOMMENDED COURSES	GRADE 9	GRADE 10	GRADE 11	GRADE 12
English.....4 Years (Satisfies the B requirement)	English.....4 Years	English 9CP English 9ADV*	English 10CP English 10 ADV*	English 11CP English 11 AP*	English 12CP English 12 AP*
Religion.....4 Years	Religion.....4 Years	Religion 9	Religion 10	Religion 11	Religion 12
Social Studies.....3 Years (Satisfies the A requirement)	Social Studies...3 Years	World History CP	World History ADV*	US History CP US History AP*	Government CP Government AP* Economics
Mathematics.....3 Years (Satisfies the C requirement)	Mathematics...4 Years	Algebra 1 CP Algebra 1 ADV* Geometry CP* Geometry ADV* Pre Algebra	Plane Geometry Geometry CP* Geometry ADV* Algebra 2 CP* Algebra 2/Trig*	Inter. Alge Geometry CP Algebra 2 CP Algebra 2 Trig* Trig/Pre-Calc*	Algebra 2CP* Trig/Pre-Calc* Statistics Calculus AP*
Language.....2 Years (Satisfies the E requirement)	Language.....3 Years	Spanish 1 CP Spanish 2 CP* Spanish 2 ADV*	Spanish 1 CP Spanish 2 CP* Spanish 2 ADV*	Spanish 2 CP Spanish 2 ADV* Spanish 3 CP	Spanish 3 CP* Spanish 4 CP*
Science.....2 Years (Satisfies the D requirement)	Science.....3 Years	Biology ADV.	Biology CP Biology ADV* Chemistry CP* Chemistry ADV*	Chemistry CP* Chemistry ADV* Physical Science Physics* Biology AP* Anatomy/Phys	Biology AP* Physics* Chemistry CP* Anatomy/Phys
P.E.....1 Year	P.E.....1 Year	Health			
Fine Arts..... 1 Year Satisfies the F requirement)	Fine Arts.....1 Year	Art 1,2* CP Sculpture 1,2* CP Theatre 1,2* CP Band	Art 1#,2* #CP Sculpture 1#,2*# CP Theatre 1#,2*# CP Dance 1#,2*# CP Band	Art 1-3* #CP Sculpture 1#,2*# CP Theatre 1#,2*# CP Dance 1#,2*# CP Band	Art 1-4* #CP Sculpture 1#,2*# CP Theatre 1#,2*# CP Dance 1#,2*# CP Band
Computer Courses (Electives)			Comp. /Tech CADD* Comp. Sci/ Engineering*	Comp./Tech CADD* Comp.Sci/ Engineering*	Comp./Tech CADD* Comp.Sci/ Engineering*
Electives equaling 35 units of credit (Satisfies G requirement)		Comp./Tech	Astronomy # Mythology # Speech # Geography# Capstone Seminar*	Astronomy # Mythology # Adol. Psychology # Psychology # Speech # Geography# Marine Biology # Capstone Seminar* Capstone Research*	Astronomy # Mythology # Adol. Psychology # Psychology # Speech # Geography# Marine Biology# Capstone Seminar* Capstone Research*
Any classes beyond the required Courses are considered elective units					

GRADUATION REQUIREMENTS OF SAINT BONAVENTURE HIGH SCHOOL

To receive a diploma from Saint Bonaventure High School, a student must have earned 240 credits including the following required units. The remaining units are elective units; it is to be understood, however, that colleges and universities may have additional requirements which will necessarily decrease the number of pure elective choices. Seniors who have not fulfilled these requirements will not be allowed to participate in the graduation ceremonies.

Religion -----	40	Mathematics -----	30
English -----	40	Fine Arts -----	10
Social Studies -----	30	Lab Science -----	20
Foreign Language -----	20	Physical Education and Health-----	10
Electives-----	35		

A student who pursues a college preparatory program or an honors diploma must fulfill additional requirements. For the college prep student, these include an additional ten units of mathematics and electives chosen from the departments of social studies, mathematics, foreign language, lab sciences, or visual/performing arts. For the honors diploma, please see below. (Students in the advanced courses are considered honors.) These courses are taught at a higher level and cover concepts in greater depth, with the expectation that they will go on to Advanced Placement.

ACADEMIC INTEGRITY

In order to assist a student in reaching his or her own academic potential, St. Bonaventure High School expects that each member of our school community will foster an atmosphere, inside and outside the classroom, in which students demonstrate honesty and integrity. To be dishonest prohibits a student's ability to receive the maximum benefit from the academic program.

HONORS DIPLOMA and REQUIREMENTS

Saint Bonaventure High School provides an accelerated honors program leading to an honors diploma. This program is available to any student who meets the requirements of advanced study. Placement in the program is student-initiated. Students in this program must maintain a minimum grade point average of 3.5 and must fulfill graduation requirements. In addition, they must take three years of the same foreign language or two years each of two different foreign languages, and one additional year each of science and mathematics. English must be college preparatory or advanced placement. Science must be a lab science. Basic math or classes in applied math do not meet the requirement. Students who wish to be eligible for the honor of Valedictorian or Salutatorian must receive an honors diploma.

ACADEMIC LETTER

A student must achieve four consecutive semesters of a 3.5 GPA or higher.

REQUEST FOR COURSE CHANGE

The Dean of Curriculum must approve all schedule changes. Criteria used for determining change include, exploring all means of improvement (tutoring, consultation with teacher, etc.), verifying that the student is giving his or her best effort, and analyzing prior standardized test results that could support the change. Schedule changes are considered to be exceptional and are made only for academic reasons. Changes will not be made because of teacher preferences or personal opinion. Students are encouraged to select classes because of subject matter, prerequisites, college planning, or NCAA requirements.

Initiated by student/parent

1. *Time limitation:* Ten school days from the beginning of the course (beginning of semester or year).
2. *Procedure:* Prior consultation with teacher, student, and parents must take place. The Program Request Form must be completed and signed by student and parent, giving the reason, in writing, for the proposed change. All proposals go to the Dean of Curriculum for review. Changes granted will reflect in a new schedule mailed home.
3. Students enrolled in a year-long class must complete the year. They **MAY NOT** drop the class at the semester unless they failed the first semester.

After ten-day period

1. *Procedure:* Prior consultation with teacher, student, and parents must take place. The Program Request Form must be completed and signed by all teachers concerned, giving the reason, in writing, for proposed change.
2. The proposal is submitted to the Dean of Curriculum. If the change is approved, the student will be given a withdrawal grade with the appropriate credit for the quarter/semester completed. Grade at the time of the change will be reported and averaged in with the class change.

Teacher-initiated change:

A teacher may recommend a student enroll or be transferred from an advanced class. If a teacher determines that a student is misplaced in a class for academic or other reasons, he/she will first consult with the respective department chairperson and contact parents. If both agree that a change is academically necessary for the student, the request is made to the Dean of Curriculum. The student and his/her parents will be consulted; all teachers affected by any change in the student's schedule will be notified in writing. The Administration reserves the right to change a student's schedule when necessary.

CREDIT DEFICIENCY

1. A semester grade of "F" cancels credit for the course for the semester.
2. A failure must be made up during the summer of the year the class was failed.
 - a. If the subject is required, the same subject must be retaken.
 - b. If the subject is an elective, credit may be earned by taking another course.
3. At the discretion of the administration, a student may also lose credits as a result of excessive absences in a given quarter. Ten absences in a quarter is considered excessive.
4. It is the responsibility of the parents to contact the administration to determine how credits are to be made up. The credits must be earned from an accredited institution.

ACADEMIC ACCOUNTABILITY, PROBATION, DISMISSAL, ELIGIBILITY

The program at St. Bonaventure endeavors to improve the levels of student achievement. In cases where the GPA of a student falls below a satisfactory level in any grading period, academic counselors work individually with the student, teachers and parents/caregivers in an effort to identify areas of weakness and to develop

strategies that will assure the completion of assignments and will lead to improved performance in the classroom.

The following procedures will be used:

- A student will be placed on academic probation if his/her grade point average falls below 2.0. A letter will be sent to parents/caregivers advising them of the situation.
- If a student receives less than a 2.0 GPA after a quarter of being on probation, he/she is ineligible for all extra-curricular activities. Eligibility is restored when a student reaches a 2.0 or better GPA at the end of a quarter grading period.
- Students with a deficient grade must make every attempt to make up the course during the summer or face the possibility of not returning in the fall.
- According to CIF regulations, a student who falls below a 2.0 at a quarter grading period will be on probation, but able to participate in sports for the following quarter. If the student fails to bring up the GPA to a minimum of 2.0 by the end of the probationary quarter, he/she is considered ineligible for the following quarter.
- Any student who receives three failing grades in any semester is subject to dismissal.

SUMMER SCHOOL

1. Generally, all classes intended to fulfill the graduation requirements of Saint Bonaventure High School are to be taken at Saint Bonaventure. Prior permission of the administration is required if a class to meet Saint Bonaventure's requirements is to be taken off campus. **All core classes must be taken at SBHS unless prior permission is given by the administration.**
2. Classes not offered at Saint Bonaventure may be taken for enrichment, but generally do not take the place of required elective units.
3. Classes taken to make up F grades provide necessary credit toward graduation. Classes repeated to improve grade point average affect the overall GPA, but do not increase the number of credits.
4. Different summer school courses are offered at Saint Bonaventure; courses may also be taken at accredited public high schools, Community College or APEX Digital Learning. One semester (5 units) is equal to 60 hours.

SBHS SUMMER SCHOOL COURSES OFFERED

Students may choose a course during summer to get ahead of their fall schedule, or for credit recovery. Summer school rules and regulations do apply. Students with questions may contact our summer school administrator and catalog. Courses offered are subject to change due to enrollment interest. Because the UC and CSU systems do not accept a grade of D or lower on a student's transcript, we advise that all deficient grades be made up in the summer. One semester classes meet two hours and twenty minutes each day. Two semester classes meet five hours each. Because these classes are so concentrated, a student may not be absent except for emergency or serious illness in order to receive credit for the class. Students who miss any scheduled days **WILL NOT RECEIVE CREDIT** for the class.

COURSES OFFERED:

NON CREDIT CLASSES:

Math Skills (Incoming Freshmen)

This course is designed to help students whose math skills are lacking in pre-algebra. This course concentrates on developing skills to prepare students to enter Algebra.

English/Reading Skills (Incoming Freshmen)

This course concentrates on increasing reading comprehension and developing study skills to prepare for the high school curriculum.

ONE-SEMESTER CLASSES(offered is interest is generated):

Make up courses offered: Algebra 1, Spanish 1 or 2, English 9-12, Theology classes.

Five credit courses: Art 1 and 2, Sculpture/Ceramics 1 and 2, Comp/Tech, Health.

TWO SEMESTER CLASSES(offered of ininterest is generated):

Ten credit courses: Spanish 3.

More specific information and confirmation of courses will be available in April with the publication of the Summer School Catalog.

SERVICES AVAILABLE FOR STUDENTS WITH LEARNING DIFFERENCES

St. Bonaventure High School is deeply committed to providing every student with an equal opportunity to learn. In conjunction with Archdiocese of Los Angeles, we have developed two support plans for students with learning differences: (1) Support Team Education Plan (STEP) Process and (2) Minor Adjustment Plan (MAP) Process. These two processes are outlined below. Although St. Bonaventure does not provide full Special Education services, the following services are provided to support student progress.

1. The STEP process involves a school team that consists of the parents/guardians, the classroom teacher, the STEP team coordinator, other school personnel as needed, and the student when appropriate. The STEP team gathers information and data regarding the student from a variety of sources, including grade reports, standardized testing results, samples of class work, discipline records, questionnaires, interviews, psycho-educational reports, etc. Previous documentation from you student's former school may be needed.
2. From here a STEP plan is developed for the student, documented and followed up by the STEP team coordinator. Parent/teacher conferences are held to discuss the progress of the student along with his or her strengths and weaknesses. The STEP plan for each student is evaluated each semester. If the parent disagrees with the outcome of the STEP process and if the information gathered during the STEP process provides evidence that a student has a disability, the parent may request a Minor Adjustment Plan (MAP)

under Section 504 of the Rehabilitation Act of 1973. The process that follows the MAP can be further discussed by the STEP team coordinator.

3. Tutoring offerings:
 - a. Peer Groups
 - b. Teacher office hours
 - c. Referrals for privately contracted tutoring
4. Counseling and consultation is available with our Learning Specialist.
5. Peer counseling group are available on campus.
6. Counselors monitoring student's academic progress through the following avenues:
 - a. Individual Progress Report
 - b. Daily Progress Report
 - c. Academic Probation

UNIVERSITY OF CALIFORNIA REQUIREMENTS

The University of California has identified its A-G requirements as the following:

- a. Four years of college preparatory English
- b. Three years of mathematics, 4 strongly recommended
- c. Two years of history- 1 semester Government, 1 U.S. History, 1 World History
- d. Two years lab science/ 3 recommended
- e. Two years of the same foreign language/ 3 recommended
- f. One year of college prep visual or performing arts, same discipline. This 1 year will be included in the 2 years of college prep electives.
- g. One year of college prep electives: for example, a fourth year of math, a college prep visual or performing art, a third year of science or a language or two years of a second language

University of California website: www.universityofcalifornia.edu

If a student's A-G GPA is 3.0 or higher, the student has met the minimum requirement for admission to the university. If a student's GPA is below 3.0 and above 2.8, the student must achieve the necessary college entrance test score indicated in the eligibility index to meet the minimum admission requirement. The University of California system does not accept a letter grade of a D or lower.

CALIFORNIA STATE UNIVERSITY REQUIREMENTS

Subject and Graduation Requirements - Grades of C or better are required:

- a. Four years of college preparatory English
- b. Three years of college preparatory mathematics
- c. Two year of social studies
- d. Two year of lab science
- e. Two years of the same foreign language
- f. One year of visual or performing arts, same discipline
- g. One year of college preparatory electives

California State University website: www.calstate.edu . The California State University system does not accept a letter grade of a D or lower.

UC APPROVED COURSE LIST FOR SBHS

The following courses meet requirements for admission to the University of California.

* denotes courses that have been approved for advanced placement credit: a=5, b=4, c=3.

denotes courses that cannot be used to fulfill the "G" elective requirement.

"A" History / Social Science – 2 years required

1. American Government CP
2. U.S. Government and Politics AP
3. U.S. History (AP)*
4. U.S. History CP
5. World History CP, Advanced

"B" English – 4 years required

1. English 9 Advanced
2. English 9 CP

3. English 10 Advanced
4. English 10 CP
5. English 11(AP)*
6. English 11 CP
7. English 12 (AP)*
8. English 12 CP

“C” Mathematics – 3 years required, 4 years recommended

1. Algebra 1 Advanced #
2. Algebra 1 CP #
3. Algebra 2 CP #
4. Algebra 2 Trigonometry (H) #
5. Plane Geometry CP #
6. Geometry CP#
7. Geometry Advanced (H) #
8. Intermediate Algebra #
9. Statistics CP
10. Trigonometry/Intro. to Calculus CP
11. Calculus AP*

“D” Laboratory Science – 2 years required, 3 years recommended

1. Anatomy/Physiology
2. Marine Biology
3. Geology
4. Biology (AP) *
5. Biology Advanced
6. Biology CP
7. Chemistry CP
8. Chemistry Advanced *
9. Physics CP

“E” Language Other than English – 2 years required, 3 years recommended

1. Spanish I CP #
2. Spanish II CP & Advanced
3. Spanish III CP
4. Spanish IV CP, AP

“F” Visual & Performing Arts – 1 year required

1. Art I #, II, III, IV
2. Sculpture & Ceramics I, II
3. Band #
4. Creative Dance I, II
5. Intro to Theatre & Theatre Arts I, II

“G” Electives – 1 year required

1. Computer Science#
2. Computer Technology
3. Economics#
4. Mythology, Legend and Folklore#
5. Physical Science

6. Psychology#
7. Developmental Psychology of Adolescence#
8. Speech#
9. Geography#
10. Creative Writing#
11. Capstone Seminar*
12. Capstone Research*

INFORMATION ON ADVANCED PLACEMENT (AP) CLASSES

Prerequisites: Approval from appropriate department, AP Application complete, GPA, and/or pre-test. Please see course description

The Advanced Placement program is a collaborative effort among motivated students, dedicated teachers, and committed high schools, colleges, and universities. AP classes are offered in Art, U.S. History, English, Calculus, Spanish 4, Government and Biology. This program is designed for students capable of doing college-level work while in secondary school, and who are willing to devote the energy and time necessary to complete a course more rigorous than other courses designed for college prep students.

Advanced Placement classes make substantial academic demands on students. In applying for such courses, students and parents should check the prerequisites and consider the amount of time demanded by extra-curricular activities and other obligations. Many exceptional students are able to handle multiple demands on their time and energy; others are not. These courses require more dedication, concentration and consistent work than a college prep course. More personal responsibility on the part of the student is expected; homework (reading, written assignments, study, etc.) will be assigned on weekends and vacations. Absences must be kept to a minimum in order to cover the curriculum of a college course by mid-May when the national tests are given. Students considering taking 4 AP courses should consult with their academic counselor, and will need approval from the coresponding teachers.

Summer reading is assigned for each level, and will be available in the Administration Office. All students must complete the summer reading assignment and be prepared for the first day of classes. Transfer students will be placed in the colleg prep curriculum until tested and approved for Honors or Advanced Placement.

In rewarding students for the degree of difficulty in an AP class, the following grading system is used:

“A” earns 5 points, a “B” earns 4 points, “C” earns 3 points, etc., in calculating GPA. A grade of a D receives the same point value as would a regular class. A national AP test is given in mid-May each year. All students who pay for and are enrolled in AP are required to take the AP test in those subject areas, with the exception of Spanish. Test scores are mailed by the College Board to students and schools in mid-July. Students who earn a score of 3, 4, or 5 may earn college credits for the course.

Students may withdraw from an AP course by the end of the first quarter. The student will then be scheduled into a college prep course in the same subject to continue the semester. Once the first quarter of the semester has passed, the student is committed to remaining in the course for the remainder of the semester. Seniors are reminded that all grades of D or F are reported to the colleges or universities to which they have applied. Also, any drop of an AP class in the mid-year is to be reported to colleges and universities.

A student who received the mark of D or F in an AP class will have to repeat the course in a summer program at a Community College in order to receive AP credit for make-up work.

NCAA APPROVED COURSES FOR SBHS

ENGLISH

Creative Writing CP

English 9 H

English 9 CP

English 10 H

English 10 CP

English 11 AP

English 11 CP

English 12 AP

English 12 CP

Film Composition & Literature CP

Mythology CP

Speech CP

SOCIAL SCIENCE

American Government CP

American Government AP

Developmental Psychology of Adolescence CP

Geography CP

Psychology CP

US History AP

US History CP

MATHEMATICS

Algebra 1 CP

Algebra 1 H

Algebra 2 CP

Algebra 2/Trigonometry CP

Calculus CP

Calculus AP

Geometry CP

Geometry H

Plane Geometry CP

Statistics CP

Trigonometry/Pre-Calculus CP

NATURAL / PHYSICALSCIENCE

Anatomy CP

Astronomy CP

Biology CP

Biology H

Biology AP

Chemistry CP

Chemistry H

General Biology

Marine Biology

Physical Science CP

Physics CP

ADDITIONAL CORE COURSES

French 1 CP

French 2 CP

French 3 CP

French 4 CP

Spanish 1 CP

Spanish 2 CP

Spanish 2 H

Spanish 3 CP

Spanish 4 CP

DEPARTMENT OFFERINGS

COMPUTER SCIENCE DEPARTMENT

Computer Technology (1 semester) Grades 9, 10, 11, 12

This course explores the four main programs of the Microsoft Office 2003 suite: Word, Excel, Access, and PowerPoint. Students will design and create professional grade documents, reports, and presentations. After successful completion of this course, student will have the skills necessary to apply for and test for Microsoft Office Specialist (MOS) certification, an industry standard. In addition, this course helps students develop proficiency in the fluent manipulation of the keyboard by touch and introduces the student to the proper formatting for personal and business communications. The Computer Technology course meets the computer requirement for graduation.

Computer Aided Drafting and Design (2 semesters) Grades 10, 11, 12

Prerequisite: Geometry

This course is designed for students using Cartesian, Polar, and Cylindrical coordinate entry methods for defining absolute points and relative points for placing objects into the AutoCAD (software) drawing pallet. Students will be instructed in standard drafting practices using object creation and editing commands: line, circle, trim, mirror, etc. Students will also model 3D Solids and Surfaces along with the editing commands for 3D objects. Rendering their drawings will finish them with a professional touch. Students will also be introduced to writing LISP routines, a programming method to recreate multiple objects.

Computer Science (2 semesters) Grades 10, 11, 12

Prerequisite: Strong math background and approval of teacher

This course is designed to instruct students using Visual Basic 6.0, an object oriented programming language, as their vehicle to create stand alone programs. Students will write code in the proper syntax of the language to manipulate text and graphics. The logical If...Then structure will be used in its three forms. Loops are also an integral part of programming and will be used extensively. One of the strengths of Visual Basic is how it is used in creating custom database programs and students will explore how to initiate a database for several professional applications.

Engineering: the Digital Future (2 semesters) Grades 11,12

Prerequisite: Algebra 2

The Infinity Project curriculum entitled “Engineering: The Digital Future” focuses on the fundamentals of modern engineering and technology in the information and communications age. To generate and maintain students and faculty interest, engineering and design examples are drawn from wireless and telecommunications, the Internet, electronic music, and other multimedia technologies popular in today’s culture. Upon completing the course, students will have an understanding of how modern engineers design and build new technologies using math and science, together with their ingenuity. In addition, students will have been exposed to new and relevant applications of mathematics, science, and technology to important engineering problems of the day and will have developed a deeper and broader set of computer skills. And as an additional component of the course, students unfamiliar with engineering will be exposed to a variety of current and future career opportunities in engineering and technology related fields.

Teacher's Aide – Computer Science Department Grade 12

St. Bonaventure High School Course Handbook - 16

Prerequisite: Approval of teacher

The aide will assist students in computer classes, write programs, assist with school computer projects, keep computer environment clean and orderly.

ENGLISH DEPARTMENT

English 9 CP (2 semesters)

Prerequisite: Adequate scores on placement test, writing sample, and student achievement in 7th and 8th grades.

This course introduces students to the five literary genres: short story, novel, poetry, non-fiction and drama. It focuses on reading, writing and speaking skills. The students work on writing skills with an emphasis on applied grammar. A vocabulary study of the Greek and Latin word origins is included. Library skills will be reinforced.

English 9 Advanced (2 semesters)

Prerequisite: Qualifying scores on placement test, writing sample, and student achievement in 7th and 8th grades.

This course includes a study of the five literary genres with an inclusion of tone and diction analysis. A structured study of grammar complements the study and practice of critical writing. The vocabulary study includes word etymologies, bases, synonyms and antonyms. Students complete a research project which further hones library skills.

English 10 CP (2 semesters)

Prerequisite: Successful completion of English 9 CP

This course continues the work of English 9 including the study of structural grammar and vocabulary. Writing skills are developed to include analytical skills such as tone, diction and point of view. The five literary genres are studied under the theme of the individual and his place in society. Students refine their library and computer skills while completing a research project.

English 10 Advanced (2 semesters)

Prerequisite: Recommendation of English 9 teacher, successful score on qualifying test, and approval of reviewing committee.

This course continues the work of English 9 Advanced. The five literary genres are studied under the theme of the individual and his place in society. Writing skills continue to be honed. Additional elements of style analysis are introduced. Students refine their library and computer skills while completing a research paper

English 11 CP – American Literature/Composition (2 semesters)

Prerequisite: Successful completion of English 10 CP

This course focuses on the study of American literature. Students continue to develop their critical thinking and writing skills through the study and analysis of the five literary genres. The course also continues the study of vocabulary and applied grammar. The students learn more sophisticated research skills as they write a research paper.

AP English Language and Composition/American Literature (2 semesters)

Prerequisite: An A in English 10 CP or an A or high B in English 10 Advanced, satisfactory performance on a writing test, recommendation of teacher, the approval of the reviewing committee, and an AP test fee.

This course retains the traditional American literature study while placing a strong focus on strengthening the students' understanding of the rhetorical aspects of language. This introductory college-level course asks the students to examine all the literary genres. The reading and writing activities develop the students' critical thinking and analytical skills. Throughout the year the students write formally and informally, responding to both directed and free topics. A research paper is completed. A *SAT* study unit is included in the course. (Students taking this course are expected to take the AP exam.)

English 12 CP – English Literature/Composition (2 semesters)

Prerequisite: Successful completion of English 11CP.

This course includes a survey of English literature. The students continue to develop their critical thinking and writing skills. Writing proficiency is practiced through both formal and informal writing. The research skills of 11 CP are reviewed. Students write a research paper. *SAT* skills are also drilled.

AP English Literature and Composition/British Literature (2 semesters)

Prerequisite: Successful completion of AP English Language and Composition, competent writing samples, recommendation of teacher, the approval of the reviewing committee, and an AP test fee. (Students taking this course are expected to take the AP exam.)

The focus of this college-level course is to encourage a spirited interaction with literature by further developing analytical and writing skills. The students continue to write formally and informally, responding to both directed and free topics. Continued refinement of rhetorical strategies is stressed as students study the different genres of British and world literature. A research paper is completed. (Students taking this course are expected to take the AP exam.)

Creative Writing (1 semester) Grades 10, 11, 12

Prerequisite: A grade of B or better in English for the previous year.

The course is designed to improve the writing skills of students interested in writing stories, poems, creative non-fiction selections, skits, sketches and other imaginative writing. Students are required to share their work orally and in written form in an environment of mutual respect as they receive the constructive feedback necessary to develop a unique style and voice. Fulfills G requirement.

Mythology (1 semester) Grades 11 & 12

This course studies the mythologies, legends, and folklore from around the world. This college preparatory elective emphasizes the reading of primary sources, especially those that have affected the development of Western European literature. Fulfills the G requirement.

Speech (1 semester) Grades 10, 11, 12

Prerequisite: A grade of C or better in English for the previous year.

This course explores the vital elements of written and oral language through various types of speeches and debates. Emphasis throughout the semester is on developing the vocabulary and confidence needed in oral speaking. Students become familiar with the different types of speeches: persuasive, impromptu, commemorative, informative, and personal. Students gain skill as they research, plan, organize, and present their speeches. Their skills are further enhanced as they analyze, evaluate, and appreciate their peers' speeches. Finally, the students learn to cope with the personal and situational tensions of public speaking. Fulfills the G requirement

FINE ARTS DEPARTMENT

Art 1 (1 semester) Grades 9, 10, 11, 12

Students study various concepts of perspective drawing, freehand drawing, shading, color theory, watering, painting, human form, and cartooning. Students take written and drawing notes for their art projects. Creative expression is achieved by the students when they create their own art projects. This course meets the UC and CSU visual and performing art requirement.

Art 2 (1 semester) Grades 10, 11, 12

Prerequisite: Successful completion of previous level.

This course of study will emphasize the various concepts that students learned in Art 1. Students further their artistic knowledge of perspective drawing, freehand drawing, shading, and acrylic painting. They learn new media and genres such as air-brush, fashion and design, and architecture. Students create their own art projects. This course meets the UC and CSU visual and performing art requirement.

Art 3 (1 semesters)

Prerequisite: Art 2 and teacher approval.

This class is designed for students who wish to create their own art. Students must be self motivated and able to function with minimal instruction. Students choose any genre and media they want to work in and create their own art projects. This course meets the UC and CSU visual and performing art requirement.

Art 4, Art 4 AP (2 semesters) Grades 11,12

Prerequisite: Completion of Art 1 & 2

This is an Advanced Placement art course. Grades for this course are determined by daily work habits and weekly art projects. This course requires the students to submit an art portfolio to the College Board to be scored on a scale of 1-5. A score of 4, or 5 will earn college credit.

Ceramics/Sculpture 1 (1 semester) Grades 9, 10, 11, 12

Students are introduced to sculpture and gain hands-on experience creating a wide variety of sculpture in the media of paper mache, plaster and ceramics, with a major emphasis on ceramics. This course meets the UC and CSU visual and performing art requirement.

Ceramics/Sculpture 2 (1 semester) Grades 9, 10, 11, 12

Prerequisite: Successful completion of Ceramics/Sculpture

This course is the continued exploration of the 3-dimensional form. Students gain hands-on experience creating a wide variety of sculpture projects including, but not limited to, clay, plaster, and wheel building. Safety and craftsmanship are emphasized. This course meets the UC and CSU visual and performing art requirement.

Ceramics/Sculpture 3 (1 Semester/ 2 Semesters Max.) Grades 10,11,12

Prerequisite: Completion of Sculpture 1, 2

This course is designed for students who are seriously interested in the practical experience of making their own sculptures. Students must be self motivated and able to function with minimal instruction. Students choose any genre and media they want to work with.

Ceramics/Sculpture 4 , CP or AP (1 year) Grades 11,12

Prerequisite: Completion of Sculpture 1,2

This is an Advanced Placement sculpture course. The grade for the course is determined by daily work habits and weekly sculpture projects. This course requires the students to submit a photographic portfolio of their sculptures to the College Board to be scored. Scoring is on a scale of 1-5. A score of 4, or 5 will earn college credit.

Theater Arts 1 (1 semester) Grades 10, 11, 12

This introductory course provides students with a wide variety of performing opportunities including oral interpretation of prose and poetry, scene study, short play reading and group improvisational exercises that develop voice, movement and imagination skills in order to increase student confidence. This course culminates in a one-act play performance. This course meets the UC and CSU visual and performing art requirement.

Theater Arts 2 (1 semester) Grades 10, 11, 12

Prerequisite: Successful completion of Theater Arts 1.

Students in Theater Arts 2 begin an intensive review of stage movement, voice and diction, characterization and ensemble improvisation. Students then study the history of world theater by reading and performing scenes in the acting style of ancient Greece, Commedia dell'Arte, Moliere and Restoration Theater, Shakespeare, Brecht, Chekov and Absurdism. The class culminates an improvisational performance. This course meets the UC and CSU visual and performing art requirement.

Musical Theatre (1-2 Semesters) Grades 9, 10, 11, 12

This course is intended for students working on their personal musical and theatrical performances. Students meet during block 1 (before school). This course does not satisfy the visual and performing art requirement.

Band Grades 9, 10, 11, 12

The course is designed for students who wish to improve their playing of a band instrument. The performing band will play for various school functions, and athletic events. Students interested in participating in all four years (8 semesters) in the SBHS Band need to consider alternative options for completing their credit requirements. Typically a Band student would have to miss 3 semesters of Band during his/her high school in order to fulfill the high school graduation requirements. However there are numerous options available to a Band student that allows continued participation in Band and completion of the graduation requirements. (Please consult the Curriculum Office). Classes meet during the regular school day and the course fulfills the fine arts requirement.

Dance 1 Grades 10, 11, 12

This course is designed to teach basic dance steps of jazz, tap and ballet to beginners and to continue to incorporate more advanced and creative dance concepts. Students will be given the opportunity to choreograph dances both individually and in a group. Students are required to perform at a school rally. This course meets the UC and CSU visual and performing art requirement.

Dance 2 Grades 10, 11, 12

Dance 2 continues with more advanced concepts of Dance 1. This course is designed to enhance the student's appreciation in the art of jazz, tap and ballet. Students are required to perform in three dance concerts. They learn how to choreograph, incorporate costumes, and produce their performance. This course meets the UC and CSU visual and performing art requirement.

FOREIGN LANGUAGE DEPARTMENT

Spanish 1 (2 semesters) Grades 9, 10, 11

Prerequisite for grade 9 students: Satisfactory performance in language sections of placement test and consistent scores/grades in language arts as indicated by student records of grades 7 and 8.

Spanish 1 (2 semesters) Grades 9, 10, 11

Prerequisite for grade 9 students: Satisfactory performance in language sections of placement test and consistent scores/grades in language arts as indicated by student records of grades 7 and 8.

This course directs, guides and motivates students towards the development of the linguistic skills of listening, speaking, reading and writing in Spanish. The instructional design emphasizes language as a tool, not a topic. Lessons are presented in a thematic format which includes contextualized vocabulary, basic grammatical structures, practice activities and an audio/video program. Students use technology to enhance their learning through the textbook Supersite. The culture of the Spanish-speaking world is also explored through engaging readings and a panorama video program adding depth to the language learning experience and encouraging students to make connections and think critically.

Spanish 2 (2 semesters) Grades 10, 11, 12

Prerequisite: Grade of C or better in previous language course, approval of teacher. Grade of D in Spanish 1 indicates the need for summer school and specific permission of the department.

Prerequisite for grade 9: Successful performance on a test pre-determined by the department to measure the prospective student's competency as an entering second year student. Exceptions will be made only for those students who have completed the prerequisite in a high school program and can verify this by presenting a report card at the time of registration.

Spanish 2 continues and expands the work of the first level, leading gradually to the second level emphasis on reading skills. Presentation of all major structures in the language continues. The student begins the formal study of grammar, progresses in the development of writing skills, maintains and develops greater oral completeness, develops reading skills in the language, and increases cultural awareness.

Spanish 3 (2 semesters) Grades 10, 11, 12

Prerequisite: Grade of B or better in Spanish 2, approval of teacher. Grade of C in Spanish 2 requires specific permission of the department.

In this course the student continues the oral study of the language, building confidence in handling more difficult material and establishing habits of reading as a basis for developing greater speaking and writing skills. Students are introduced to literary selections which are also used as a basis for summaries, interpretations and extended compositions.

Spanish 4 (2 semesters) Grades 11 and 12

Prerequisite: Grade of B or better in Spanish 3, approval of teacher.

Spanish 4 continue to concentrate on developing language skills. The student reviews grammar and verb tenses, learns new vocabulary, and demonstrates competence in reading, speaking, writing and listening. The student writes reports, letters, compositions, etc.; reads passages from literary pieces, newspapers, etc.; gives oral summaries of different topics; listens and establishes dialogue; demonstrates knowledge of the culture; and is able to successfully take a college achievement test in the language.

MATHEMATICS DEPARTMENT

Pre Algebra (2 semesters)

Prerequisite. Demonstrated need for additional work in math skills as seen through placement test results and student records for grades 7 and 8.

Math 1A/B is a pre-algebra course which emphasizes problem-solving strategies and skills. This course is activity-based building a better mathematical foundation. Upon successful completion of Math 1 students qualify for Algebra 1 CP or for Plane Geometry. This DOES NOT fulfill a UC or CSU requirement.

Algebra 1CP (2 semesters)

Prerequisite: Score of ninth grade level on mathematics section of the high school placement test or successful completion of Math 1 with approval of the math department.

Algebra 1CP is a college preparatory course which provides the student with basic algebra skills in preparation for courses in Geometry CP and Algebra 2 CP.

Algebra 1 Advanced (2 semesters)

Prerequisite: Qualifying performance on mathematics sections of the high school placement test or a special qualifying test administered by the mathematics department.

This course applies a more challenging approach to the topics of Algebra 1 CP. The student works at a more accelerated pace and covers the topics in greater depth.

Plane Geometry (2 semesters)

Prerequisite: Completion of Math I or Algebra 1CP.

Plane Geometry explores the relationships between lines, angles, polygons and circles in the plane. This course will introduce the tools of geometry including the compass and the straightedge. Plane geometry will also cover basic calculations such as length and degree measure, and calculations using formulas such as the formulas for area, circumference and volume. Throughout the course, both inductive and deductive reasoning methods are required in activities such as pattern finding and problem solving methods and formulas.

Geometry CP (2 semesters)

Prerequisite: Two semesters of Algebra 1CP with a minimum mathematics GPA of 2.0, or successful performance on a geometry prognostic test.

This course covers the properties of triangles, squares and circles. In addition, it includes basic definitions and their ramifications, the development of reasoning powers, and the skills involved in proof-writing, problem-solving and coordinate geometry. Though dealing mainly with geometric figures and their properties it also

stresses the writing of proofs. The content and skills learning in this course are necessary for entrance into college programs and for further study in the area of mathematics in high school and beyond.

Geometry Advanced (2 semesters)

Prerequisite: Completion of Algebra Advanced with an “A” or “B”, or Algebra CP with an “A” and a pre-determined score on a geometry prognostic test.

This course is a class for students in the college preparatory program. Though dealing mainly with geometric figures and their properties, it also stresses the writing of proofs. The content and skills learned in this course are necessary for the entrance into college programs and for further study in the area of mathematics in high school and beyond. The more advanced topics are studied in greater depth than in Geometry CP.

Intermediate Algebra (2 semesters)

Prerequisite: Completion of Algebra and Geometry (or Plane Geometry) with minimum math GPA of 2.0.

This course offers student a half step in the standard curriculum sequence, as Algebra 1 topics are reviewed, and Algebra 2 topics are covered at a manageable pace. Intermediate Algebra emphasizes continual diagnosis of a student’s strengths and weaknesses instead of mandatory progression to the next topic. Instruction of each topic begins with repeated demonstration; skills are emphasized in a significant amount of practice time and instruction ends with an emphasis on problem solving applications. This course does not fulfill the UC’s A-G math requirement.

Algebra 2CP (2 semesters)

Prerequisite: Completion of two semesters of Algebra 1CP, two semesters of Geometry CP and a math GPA of 2.5 or better, along with the approval of the math department.

This course covers a comprehensive review of fundamental algebra, the basic ideas of functions and operations with functions; solving systems of linear equations; quadric functions and equations; complex numbers; exponential and logarithmic functions and equations; polynomial and rational functions and equations; and an introduction to the conic sections.

Algebra 2/Trig (2 semesters)

Prerequisite: “A” or “B” in Algebra Advanced and Geometry Advanced or approval of the math department.

This is a course in advanced algebra and trigonometry. It is designed to cover all topics of Algebra 2CP and one semester of Trigonometry in one year. Students will understand and use periodic functions and trigonometry to solve problems involving angles and the unit circle, radian measure, sine and cosine function, the tangent function and reciprocal trigonometric functions. It prepares students for advanced studies in mathematics, and in particular Calculus AP.

Statistics (2 semesters) Grades 11 and 12

Prerequisite: Two years (four semesters) of high school mathematics.

This course is for students needing or desiring a third or fourth year of mathematics. The course includes the study of frequency distributions, graphs, measures of central tendency, measures of dispersion, the normal distribution, probability distribution and analysis of time-series. This course meets the math requirement for UC and CSU.

Financial Algebra (2 semesters) Grade 12

Prerequisite: Successful completion of Algebra 1CP or Honors, Algebra 2CP or Algebra 2 Trig, Geometry CP or Honors.

Financial Algebra is a mathematical modeling course that is algebra-based, applications-oriented, and technology dependent. It is a course of study based on California Mathematics Standards for Algebra 2 and CTE Curriculum Standards for Finance and Business that provides students a personal context for understanding and applying the principles of personal and business finance through rigorous, relevant, project-based learning delivered with research-based lesson design protocols. This advanced algebra with financial applications course offers 11th and 12th grade students an opportunity to view the world through a mathematics lens. In Financial Algebra, the mathematics necessary for daily living is embedded in content that directly relates to financial decisions adults make in their lives each day. The mathematical formulas, functions, and pictorial representations used in Financial Algebra assist students in making sense of the financial world around them through mathematical modeling, and equip them with the ability to make sound financial decisions based on data.

Trig/Pre-Calculus (2 semesters)

Prerequisite: Successful completion of Algebra 1CP, Algebra 2CP, Geometry CP, or approval of math department.

This course covers the study of trigonometric functions and their graphs, trigonometric identities and triangles. Additional topics include exponential functions, logarithmic functions, vectors, conic sections, polar coordinates and graphing, the concepts of limits and introduction to derivatives.

Calculus AP (2 semesters)

Prerequisite: Completion of Algebra 2/Trig with an “A” or “B” or Trig/Pre-calculus with an “A” and approval of the math department.

This course is a college-level calculus class designed for senior students and those in the honors mathematics program. Students learn differential and integral calculus in preparation for the Advanced Placement Calculus AB test which may result in receiving college credits.

Calculus CP (2 Semesters)

Prerequisite: Completion of Algebra 2/Trig with an “A” or “B” or Trig/Pre-calculus with an “A” and approval of the math department.

This course is a college-prep level calculus class designed for senior students and those in the honors mathematics program. Students learn differential and integral calculus, while analyzing various applications of calculus in preparation for a college calculus course.

PHYSICAL EDUCATION AND HEALTH DEPARTMENT

Girl’s and Boy’s Physical Education Grades 9

Student’s Physical Education requirement will be met by participating in a sport on or off campus.

Health (1 semester) Grade 9

This course covers nutrition, physical fitness, mental health, effects of smoking, substance abuse, family health practices, and first aid.

Football/Weight Conditioning

Prerequisites:

- a. Open to all potential varsity football players
- b. Full year course (consideration may be given for students to add and/or drop at the semester)
- c. Must have instructor's approval

The goals of this course are to improve strength, conditioning and football knowledge. The students experience an extensive weight program. The running program is planned to improve foot speed and cardiovascular endurance. Film study and on the field drills are aimed at improving overall knowledge of the game of football.

RELIGION DEPARTMENT

The following is the Religion Department curriculum offered at Saint Bonaventure High School. This curriculum includes all Los Angeles Archdiocese requirements (2010), as well as the national core curriculum for teaching religion to high school students approved by the USCCB (2007), and reflects the declarations of Vatican II, the *Catechism of the Catholic Church* (1994) and the ecumenical developments of theology in the modern church.

Grade 9:

The Revelation of Jesus Christ in Scripture (1 semester)

The purpose of this course is to give students a general knowledge and appreciation of the Sacred Scriptures. Through their study of the Bible they will come to encounter the living Word of God, Jesus Christ. In the course they will learn about the Bible, authored by God through Inspiration, and its value to people throughout the world. If they have not been taught this earlier, they will learn how to read the Bible and will become familiar with the major sections of the Bible and the books included in each section. The students will pay particular attention to the Gospels, where they may grow to know and love Jesus Christ more personally.

Who Is Jesus Christ? (Christology - 1 semester)

The purpose of this course is to introduce students to the mystery of Jesus Christ, the living Word of God, and the Second Person of the Blessed Trinity. In this course students will understand that Jesus Christ is the ultimate Revelation to us from God. In learning about who he is, the students will also learn who he calls them to be.

Grade 10:

The Mission of Jesus: The Paschal Mystery (Spiritual life - 1 semester)

The purpose of this course is to help students understand all that God has done for us through his Son, Jesus Christ. Through this course of study, students will learn that for all eternity, God has planned for us to share eternal happiness with him, which is accomplished through the redemption Christ won for us. Students will learn that they share in this redemption only in and through Jesus Christ. They will also be introduced to what it means to be a disciple of Christ and what life as a disciple entails.

Jesus Christ's Mission Continues in the Church (Ecclesiology - 1 semester)

The purpose of this course is to help the students understand that in and through the Church they encounter the living Jesus Christ. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by him through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today. This Body has both divine and human elements. In this course, students will learn not so much about events in the life of the Church but about the sacred nature of the Church.

Grade 11:

Sacraments as Privileged Encounters with Jesus (Sacramental Theology - 1 semester)

The purpose of this course is to help students understand that they can encounter Christ today in a full and real way in and through the sacraments, and especially through the Eucharist. Students will examine each of the sacraments in detail so as to learn how they may encounter Christ throughout life.

Life in Jesus Christ (Morality and Social Justice - 1 semester)

The purpose of this course is to help students understand that it is only through Christ that they can fully live out God's plans for their lives. Students are to learn the moral concepts and precepts that govern the lives of Christ's disciples.

Grade 12:

Responding to the Call of Jesus Christ (Vocations - 1 semester)

The purpose of this course is to help students to understand the vocations of life: how Christ calls us to live. In this course, students should learn how all vocations are similar and how they differ. The course should be structured around married life, single life, priestly life, and consecrated life. Students should learn what it means to live life for the benefit of others and the value in considering a vocation in service to the Christian community.

Ecumenical and Interreligious Issues (World Religions - 1 semester)

The purpose of this course is to help the students understand the manner in which the Catholic Church relates to non-Catholic Christians as well as to other religions of the world. Building on the foundational truth that Jesus Christ established the Catholic Church and entrusted to her the fullness of God's Revelation, the course is intended to help students to recognize the ways in which important spiritual truths can also be found in non-Catholic Christian churches and ecclesial communities as well as in non-Christian religions. It is also intended to help them to recognize the ways in which other systems of belief and practice differ from the Catholic faith.

SCIENCE DEPARTMENT

Biology CP (2 semesters) Grade 10

Biology is the study of living things and their interaction with each other and their environment. This course is a survey of selected biological concepts including the chemical basis of life, cell structure, genetics, evolution, biodiversity and ecology. Biological principals are covered by studying representative organisms.

Biology Advanced (2 semesters) Grade 9 (honors at entrance),10

Prerequisite: GPA of 3.3 or better which includes two semesters of Algebra 1 or Algebra Advanced.

This is a required course with laboratory experience for all students who do not elect to take the College Prep Biology course. Cooperative learning, hands-on demonstrations and laboratories are utilized in an in-depth study of genetics, evolution and a review of the five kingdoms. Critical thinking and practical application of material are stressed.

Chemistry (2 semesters) Grades 11 and 12

Prerequisite: Four semesters of mathematics with a math GPA of 3.0 or better and Algebra 2 taken previously or concurrently.

Chemistry is the science of the composition, structure, properties and reactions of matter, especially of atomic and molecular systems. Laboratory, computer and cooperative learning experiences are used to develop inquiry and critical thinking skills. The importance of the relationship between mathematical concepts and chemistry is stressed throughout the course. Chemistry is a math based science with emphasis on algebraic and problem solving skills. A strong math background is necessary to understand chemistry concepts.

Chemistry Advanced (2 semesters) Grades 10,11,12

Prerequisite: Students must be concurrently enrolled in Algebra 2 Trig, Trig-PreCalculus or Calculus AP and have a math GPA of 3.5. Biology Advanced must have been taken sophomore year. Summer reading required.

Chemistry Advanced will provide the student with an increased level of complexity and scope of study. This course is an in-depth study of the principles and concepts in chemistry. Students are required to demonstrate an understanding of these principles through application in a laboratory situation. Content includes structure and bonding, stoichiometry, thermodynamics, kinetics and quantitative analysis. The importance of the relationship between mathematical concepts and chemistry is stressed throughout the course.

Physics (2 semesters) Grade 12

Prerequisite: Six semesters of mathematics with a GPA in these classes of 3.0 or better, and trigonometry taken previously or concurrently and instructor approval.

The physics course gives an understanding of contemporary views of the physical world. Scientific phenomena are described in terms of matter and energy; the units include measurement, force, motion, energy, heat and the structure of matter, wave motion, light, electricity and electromagnetism.

Physical Science (2 semesters) Grades 10, 11, 12

Prerequisite: Biology CP or Biology Advanced

Physical Science is the study of matter and energy and how they are related to one another. The first semester of this class will focus on chemistry and the second semester will focus on physics. The student will apply what is learned in the class to everyday situations by conducting investigations and formulating and testing hypotheses. Studying physical science also teaches how to solve problems and communicate with others in an organized and logical manner.

Biology AP (2 semesters) Grade 12

Prerequisite: "B" or above in both Biology and Chemistry and teacher approval

Biology AP includes those topics regularly covered a college program in introductory biology. The college course in biology differs significantly from the usual first high school course in biology with respect to the kind of textbook used, the range and depth of topics covered, the kind of laboratory work done by students and the time and effort required of the students. The textbook used by Biology AP is also used by college biology majors and the kinds of labs done by AP students must be equivalent to those done by college students. The course aims to provide students with the conceptual framework, factual knowledge and analytical skills necessary to deal critically with the rapidly changing science of biology. (Students taking this course are expected to take the AP exam.)

Essentials of Human Anatomy/Physiology (2 semesters) Grades: 11 and 12

Prerequisite: One year of Biology CP or Biology Advanced with a grade of 3.0 or above

This course covers the basics of human anatomy and physiology including anatomical terminology, basic biochemistry, cells and tissues and the integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic/immune, respiratory, digestive, urinary and reproductive systems. Discussion of the malfunctions and diseases of the human systems will be included.

Introduction to Astronomy (1 semester) Grades: 9, 10, 11, and 12

This course is an introduction to the study of the universe. Students learn how astronomers study their subjects and gain an appreciation of the grandeur of the universe. Verbal rather than mathmatic expressions are emphasized.

Marine Biology (1 semester) Grades 11 and 12

Prerequisite: Recommendation from Biology teacher. Must be enrolled in or have taken a physical science course.

The central focus of this course is on the marine organisms: what they are, what they do, how they interact with one another and how their lives connect with ours. Aspects of marine chemistry, geology and marine ecology are also explored. Cooperative learning, discussions projects and hands-on laboratory experiences are utilized with an emphasis on practical application and appreciation for marine life and human impact on the sea. Fulfills D requirements.

SOCIAL STUDIES DEPARTMENT

World History (2 semesters) Grades 9 and 10

This course surveys the history, cultures, and geography that have shaped the modern world. Major turning points since the late eighteenth century are examined in a series of key thematic units which include: the Rise of Democratic Ideas; the Industrial Revolution; the Rise of Imperialism and Colonialism; World War I and its Consequences; Totalitarianism in the Modern World; World War II; Nationalism in the Contemporary World; and unresolved problems of the world. Students will master major historical, cultural, and geographic concepts in this course. In addition, students will further develop their skills in reading, writing, teamwork, thoughtful discussion, note taking, and managing paperwork.

World History Advanced (2 semesters) Grades 9,10

Prerequisite: Placement test score in the 90th percentile or approval of the Dean of Curriculum

The Advanced program in World History fulfills the graduation requirement for the World History course. Students will demonstrate knowledge of basic chronology and major events and trends in World History from approximately 1450 to the present. In addition to providing a basic narrative of events and movements, the goals of the advanced program are to develop (a) an understanding of some of the principle themes in modern World History, (b) an ability to analyze historical evidence, and (c) an ability to express that understanding and analysis in writing. Homework will average one to two (1-2) hours per night.

United States History (2 semesters) Grade 11

In this course students will review and examine the American Revolution, the Constitution, the Civil War, the Reconstruction and 20th century America. Topics include the Progressive Era, Roaring Twenties, Great Depression, World War I, World War II, Japanese-American Internment, the Civil Rights Movement, Vietnam War, End of the Cold War, 9/11 to the present, and geography. Daily homework is assigned and grades are based on examinations, projects, homework, participation, their notebook, and class work.

United States History AP (2 semesters) Grade 11

Prerequisite: Qualifying performance on a diagnostic test and approval of the teacher.

The AP Program in American History is designed to provide students with analytic skills and factual knowledge necessary to deal critically with the concepts in U.S. History. This course covers the early colonization period in
St. Bonaventure High School Course Handbook - 28

the 15th century to the end of the 20th century. The program prepares students for intermediate and advanced college courses by making demands on them equivalent to those of a full-year introductory college course. Students will assess historical materials and weigh the evidence and interpretations presented in historical scholarship. This course develops the skills necessary to present clear and persuasive historical essays. All students will take the AP United States History examination. Homework will average one to two (1-2) hours per night.

American Government (1 semester) Grade 12

In this course various forms of government are studied with the emphasis being the federal system of government in the U.S. Students will explore the role of the ordinary citizen in our representative democracy and learn the numerous ways they can have an influence on governmental decisions. State and local government is investigated as well. Historical and current issues are studied and debated.

American Government AP (1 semester) Grade 12

Prerequisite: Qualifying class performance, GPA and approval of the department.

This course is designed to give students a critical perspective on politics and government in the U.S. Students study general concepts used to interpret American politics and analyze specific case studies. The course requires familiarity with the various institutions, groups, beliefs, and ideas that make up the American political reality. All students are required to take the AP Government and Politics Examination. Homework will average one (1) hour per night.

Economics (1 semester) Grade 12

The economics course provides students with the opportunity to learn about the American free enterprise system and explore their roles as citizens, producers and consumers. Key economic concepts, including supply and demand, inflation, unemployment, recession, depression, money and GDP are studied. Application of the concepts taught is integral to this course and is demonstrated in areas of personal finance/investment and entrepreneurship. Fulfills G requirements

Psychology (1 semester) Grades 10, 11 and 12

This elective course studies human behavior and provides basic materials about fundamental aspects of behavior such as physical, emotional, social and intellectual development. The course also explores background information on how the body works, data on motor language, learning, thinking, sensations and perceptions. Fulfills G requirements.

Developmental Psychology of Adolescence (1 semester) Grades 10, 11 and 12

This course is a study of the developmental stages of children from conception through adolescence, with a heavy emphasis on adolescence. This course includes the principle theories of development including the psychoanalytic theories of Freud and Erikson, the learned theories of Watson, Pavlov and Skinner, the cognitive theories of Piaget and the Emergent Theories of Vygotsky, with substantial reading of theory and written reviews of each theory. In addition to an emphasis on the theories relevant to developmental psychology, the course also covers current, high interest topics such as teenage pregnancy, suicide, sexual maturity, identity development, ethnic differences, economic disparity and drug use. Fulfills G requirements.

Geography (1 semester) Grades 9, 10, 11, 12

In this elective course, students analyze the relationships between people, places, and environments. Students use problem-solving and decision-making skills to ask and answer geographic questions as well as to determine the geographic factors which have influenced past and present events. A significant portion of the course will focus on physical processes, places, and regions, the environment, the political, economic and social processes that shape cultural patterns, human systems such as population distribution and urbanization patterns, and the economic conditions which have led to and reinforced the developed and developing world.

Capstone Seminar (2 semesters) Grades 10,11,12

Course Description

“AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances.

Students learn to synthesize information from multiple sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.”

Capstone Research (2 semesters) Grades 10,11,12

Course Description AP Research allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a year-long research based investigation to address a research question. In the AP Research course, students further their skills acquired in the AP Seminar course by understanding research methodology; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. Students explore their skill development, document their processes, and curate the artifacts of the development of their scholarly work in a portfolio. The course culminates in an academic paper of 4000–5000 words (accompanied by a performance or exhibition of product where applicable) and a presentation with an oral defense.

NON-DEPARTMENTAL OFFERINGS

Office Aide (1 semester)

Prerequisite: Accuracy, responsibility, typing preferred.

The office aide assists with filing, typing, record keeping and miscellaneous duties as directed by office personnel. Office aide must be in uniform at all times, and have had no disciplinary action taken.

Off Campus Studies

Prerequisite: Parental permission, school permission based on an evaluation of attendance and conduct, GPA of 2.5 or better, and availability of desired classes.

Certain seniors (no more than 15%) may elect to take classes at one of the local Community Colleges such as Ventura College. Classes must be 3 units or more, and may not be physical education or any other sport. Students must take 5 classes per semester at SBHS and one class at Community College. Normally students are

dismissed after period 5. Application forms are available from the Dean of Curriculum. A three unit College courses earns ten high school credits.

Regional Occupation Program

This vocational program is offered free by the Ventura County Superintendent of Schools Office, and provides entry-level job skills to Juniors and Seniors in county schools. Most of the training takes place at the Camarillo Airport, with free bus transportation to and from schools. The instructors train students in a shop area using tools and equipment similar to those found in industry; most students also do free on-the-job training in local shops, offices, or businesses. Successful students receive a Certificate of Proficiency and help in finding a job.

St. Bonaventure students take classes three days a week from 1:15 to 4:30. They receive ten units of credit per course. Students are required to take a minimum of five classes at SBHS. Classes offered include: Air Conditioning/Refrigeration, Auto Body Repair, Auto Painting, Auto Service, Bank Teller, Computer Business Applications, Construction Technology, Dental Assisting, Electronic Assembly, Fashion/Retail Merchandising, Floral Design, Graphic and Commercial Arts, Production Printing, and Welding. Applications may be obtained through the Dean of Curriculum.

College Prep Cultural Language (CPCL) (2 semesters) Grades 9,10,11,12

These courses are specifically assigned to our International Students

CPLC Level 1 focuses on basic text comprehension, vocabulary development and writing skills. Through a variety of context-based controlled practice exercises coupled with visual aids, students learn to summarize information from a reading and apply it to questions on a related topic while incorporating their personal experience and cultural understanding. Vital strategies taught in the course include educated guessing and inferring meaning from context. This level focuses on helping students develop their academic vocabulary so that they can express themselves about familiar topics related to their academic and social lives. The students acquire writing skills sufficient to create a coherent multi-paragraph answer to a writing prompt with minimum help from the instructor. The students take their first steps with other formal writing formats as well, such as written correspondence.

CPLC Level 2 (High Beginner)

While continuing to practice basic reading comprehension strategies and skills (for example, scanning and skimming), CPLC Level 2 students are introduced to searching for more complex, inferential layers of meaning. Students read texts from different genres on topics such as Bloom's Taxonomy, social entrepreneurship and famous American speeches. They learn to evaluate sources to predict information in the reading, identify basic stylistic devices and develop a sensibility to the author's tone. Using activities and prompts from the book, students learn how to summarize and synthesize information from up to three different sources. They work on expanding their scholarly vocabulary and incorporating it in their speech with the help of the teacher and support activities. Writing skills are developed to a level sufficient to produce coherent multi-paragraph answers to writing prompts with minimum support as well as to produce basic essays with support. Teachers expect the students to express opinions on the subjects and select evidence to support them as they work toward constructing logical arguments.

CPLC Level 3 (Intermediate)

The readings for CPLC Level 3 continue to be drawn from a variety of sources but are more challenging. The material includes a short story by Hemingway, the Hippocratic Oath, and articles on art history, science and sociology. With these readings, students practice pre-reading and active reading skills and strategies. The exercises involve predicting content, asking questions while reading, skimming, scanning, identifying main ideas and details, inferring meaning from context and developing reference skills. Students enhance their academic identify appropriate means to communicate their message effectively. The course also teaches students to adjust their speaking and writing to the needs of the audience and rhetorical purpose.