



**St. Bernard's Academy**  
**High School Course Catalog**  
**2023-24**

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**St. Bernard's Academy  
2022-23**

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# Integral Student Outcomes

## Catholic Identity

- **STUDENTS WILL BE ABLE TO** demonstrate knowledge of Jesus Christ, the Christian understanding of His person, and the historical significance of His life.
- **STUDENTS WILL BE ABLE TO** demonstrate an understanding and appreciation of the Catholic Faith, and its Sacraments, morals, ethics, doctrine and dogma.
- **STUDENTS WILL BE ABLE TO** demonstrate a fundamental understanding of scripture, both as a means of prayer, and academically as a means to grow in wisdom.
- **STUDENTS WILL BE ABLE TO** demonstrate various prayer forms, and be able to use them for their own spiritual life.
- **STUDENTS WILL BE ABLE TO** recognize and honor the inherent dignity and value of every human person, and demonstrate respect for their different religious and cultural beliefs.
- **STUDENTS WILL BE ABLE TO** demonstrate that they are builders of unity and instruments of reconciliation in the tradition of the Sisters of St. Joseph of Orange.
- **STUDENTS WILL BE ABLE TO** demonstrate an understanding of ethical behavior, both with others, and with the world we live in with our *Dear Neighbor*.

## Critical Thinking

- **STUDENTS WILL BE ABLE TO** demonstrate competence in the humanities, sciences, mathematics, economics, technology, and the arts.
- **STUDENTS WILL BE ABLE TO** research, analyze, synthesize, evaluate, and apply ideas when problem solving.
- **STUDENTS WILL BE ABLE TO** skillfully utilize technology both ethically and innovatively.
- **STUDENTS WILL BE** able to evaluate information for accuracy and reliability.
- **STUDENTS WILL BE** prepared for success through middle school, during high school, and beyond.

## Communication

- **STUDENTS WILL BE ABLE TO** clearly express ideas through speaking and writing.
- **STUDENTS WILL BE ABLE TO** communicate with confidence and sensitivity in a variety of settings with a variety of media.
- **STUDENTS WILL BE** thoughtful and discerning listeners.

## Collaboration

- **STUDENTS WILL BE ABLE TO** work positively and effectively with people of different values, experiences, and cultures.
- **STUDENTS WILL BE ABLE TO** participate responsibly in a global community.
- **STUDENTS WILL BE ABLE TO** recognize and accommodate the strengths and weaknesses of others in a group setting.
- **STUDENTS WILL BE ABLE TO** demonstrate initiative and personal accountability for their role in a group setting.

## Creativity

- **STUDENTS WILL BE ABLE TO** think independently and generate their own ideas.
- **STUDENTS WILL BE ABLE TO** demonstrate curiosity through active participation and questioning.
- **STUDENTS WILL BE ABLE TO** foster the necessary confidence to take creative risks.
- **STUDENTS WILL BE ABLE TO** synthesize information and apply it innovatively and with relevance.
- **STUDENTS WILL BE ABLE TO** demonstrate adaptability and perseverance when faced with academic and creative challenges.

## Intrapersonal and Interpersonal Development

- **STUDENTS WILL BE ABLE TO** use a variety of approaches and resources to foster introspection and develop social and emotional well-being.
- **STUDENTS WILL BE ABLE TO** demonstrate active responsibility and stewardship of the environment.
- **STUDENTS WILL BE ABLE TO** develop necessary confidence to take emotional and intellectual risks.
- **STUDENTS WILL BE ABLE TO** initiate and develop self-directed learning.
- **STUDENTS WILL BE ABLE TO** demonstrate social conventions and responsibilities that form effective relationships.
- **STUDENTS WILL BE** resilient, lifelong learners.

## ST. BERNARD'S ACADEMY

### GRADUATION REQUIREMENTS

*REQUIRED COURSE CREDITS: Students must complete 240 credits. The following course of study must be completed in order to receive a diploma of graduation\*:*

<b>Courses</b>	<b>Units Required</b>
English	40
Math	30
Social Science	30
Religion	40
Physical Education/Health	20
Visual and Performing Arts	10
Science	30
Foreign Language	20
Electives	10
<b>TOTAL</b>	<b>240</b>

1. Satisfactory completion of 40 credits of English. All freshmen, sophomores, juniors, and seniors will be enrolled in 10 credits of English.
2. Satisfactory completion of 30 credits of math. All freshmen will be enrolled in 10 credits of math.
3. Satisfactory completion of 30 credits of Social Studies. Sophomores will complete 10 credits of World History or AP European History, juniors will complete 10 credits of U.S. History or AP US History, and seniors will complete 10 credits of Government/Economics.
4. Satisfactory completion of 20 credits of Physical Education/Health. All freshmen will be enrolled in 10 credits of Frosh PE/HEALTH. A second year of physical education may be waived according to participation in athletics – see page 6.
5. Satisfactory completion of 10 credits of Visual and Performing Arts.
6. Satisfactory completion of 40 credits of Religion.
8. Satisfactory completion of 30 credits of Science.

#### **ADVANCED PLACEMENT**

SBA wishes to encourage students to take Advanced Placement (AP), because of the advanced coursework involved, the evaluation system shall be weighted in certain designated courses. Grades received in weighted courses will be counted on the following scale:

A = 5.0

C = 3.0

B = 4.0

D = 1.0

Note that colleges may adjust any weighted GPA according to their own guidelines.

**CREDIT FOR COURSES TAKEN MORE THAN ONCE**

Generally credit is only granted once for successfully completing a course. However, the following courses are exceptions and students will receive five (5) credits for each semester of successfully completed coursework. Students may not earn more than a total of 10 credits towards graduation from Office/Teacher/Counselor Aide classes.

Advanced Art	Drama	
Advanced Ceramics	Office/Teacher/Counselor Aide*	
Core Support	Yearbook/Marketing	Physical Education

**REPEATED CLASSES**

With approval of the principal or designee, a student may repeat a course. The student shall receive credit for the new course and retain credit for the previous course.

**ATHLETICS IN LIEU OF SECOND YEAR PHYSICAL EDUCATION**

The second year of Physical Education may be waived under the following conditions:

1. Completion of four full seasons of any jv or varsity sport in the St. Bernard’s Academy Athletic Program will fulfill one year of the Physical Education graduation requirement.

**COLLEGE COURSES (CONCURRENT ENROLLMENT)**

College Courses may be taken during the junior and senior years. A SBA student must have prior approval from the school principal or designee to enroll in a college course. SBA students must maintain a 3.0 GPA to be eligible to take a college course.

**COURSE REQUESTS**

Information and course registration materials for the following school years will be distributed to students in April. Students and parents will have an opportunity to meet with a counselor/administrator to help determine the appropriate course selections. Please call the office to set-up an appointment. It is important to know how your student is progressing in meeting graduation requirements, satisfying college entrance requirements, and choosing a path consistent with his/her goals. Students will receive a copy of their high school transcript with the registration materials.



## FOUR-YEAR EDUCATIONAL PLAN

Counselor/Administration meet with students during ninth grade to develop individual plans outlining classes to take during their four years in high school. This plan is reviewed annually to update career/college goals. The four year plan serves as a resource for students, parents, and the school to develop educational goals that are in the best interest of the student. The following may be used as a worksheet:

### Sample Plan Worksheet

Student:

#### High School Planning chart:

Subjects to meet and exceed admission requirements for the UC and CSU systems	Required Number of Years for A - G Completion	9 <sup>th</sup>		10 <sup>th</sup>		11 <sup>th</sup>		12 <sup>th</sup>	
		1 <sup>st</sup> semester	2 <sup>nd</sup> semester	1 <sup>st</sup> semester	2 <sup>nd</sup> semester	1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester	1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester
<b>A. History/Social Science</b> Includes US History, AP Euro, World History, Government, Economics	<b>3 Recommended*</b> 3 for SBA Grad							Honors Econ	Honors Government
<b>B. English</b> Includes English 9, English 10, English 11, ENG 12	<b>4 Required</b>	Honors English 9	Honors English 9	Honors English 10	Honors English 10				
<b>C. Mathematics</b> Includes Algebra I, Geometry and Algebra II. Advanced courses including Statistics and Calculus are recommended	<b>4 Recommended*</b> 3 for SBA Grad.								
<b>D. Laboratory Science</b> Includes Biology, Chemistry and Physics	<b>3-4 Recommended*</b> 3 for SBA Grad	Biology	Biology	Chemistry	Chemistry				
<b>E. Language Other Than English</b> Includes Spanish	<b>2 Required</b> <b>3-4 Recommended*</b>	Spanish 1	Spanish 1	Spanish 2	Spanish 2				
<b>F. Visual and Performing Arts</b>	<b>1 Required</b>								
<b>G. College Preparatory Electives</b>	<b>1 Required</b>								
Physical Education	<b>2 years for SBA Grad</b>	PE	PE	PE	PE				
Religion	<b>4 years for SBA Grad</b>	9th Grade Religion	9th Grade Religion	10th Grade Religion	10th Grade Religion	11th Grade Religion	11th Grade Religion	12th Grade Religion	12th Grade Religion

**COLLEGE ENTRANCE A – G REQUIREMENTS**  
**UNIVERSITY OF CALIFORNIA (UC) & CALIFORNIA STATE UNIVERSITY (CSU)**

<b>A. History/Social Studies</b>	Two years College Prep History/Social Science: One year: World History/Geog or AP European History; One year: U.S. History or AP US History
<b>B. English</b>	Four years College Prep English
<b>C. Math</b>	Three years required (4 yrs. recommended) College Prep Math: Algebra I, Geometry, and Algebra II
<b>D. Science</b>	Two years of a lab science required (3 yrs. recommended): Biology, Chemistry
<b>E. Foreign Language</b>	Two years College Prep Foreign Language required (3 yrs. Recommended): Spanish.
<b>F. Visual &amp; Performing Arts</b>	One year College Prep approved course
<b>G. Electives</b>	One year College Pres approved course: Math, Fine Arts, Science, etc.

**\*Grade “C” or better must be achieved in all College Prep A – G courses.**

**University of California Eligibility in the Local Context Program (ELC)**

The ELC program provides a new path to UC freshman eligibility by making the top nine percent of the graduating class eligible for admission to UC based on their high school work at school. UC will evaluate transcripts. Those students who have completed 11 units of ‘a-g’ coursework by the end of their junior year and determined to be in the top nine percent of the graduating class will be guaranteed admissions to a UC campus.

**California Community Colleges**

Students must either be 18 years of age or have a high school diploma. There are no particular course requirements.

### **Important Information for Student Athletes**

The National Collegiate Athletic Association (NCAA) determines eligibility standards for high school athletes planning to attend any Division I or II college or university. To be eligible for a Division I school students must complete 16 year long core courses and have qualifying GPA and SAT/ACT score. These eligibility standards may be higher than what is required by the university you plan to attend. Meet with your counselor as early as possible to develop a 4 year plan that meets NCAA eligibility standards if you hope to play sports during college.

<b><u>DIVISION I</u></b> <b><u>16 CORE-COURSE RULE</u></b> 4 years English 3 years Math (Algebra 1 or higher) 2 years Natural/ Physical Science (1 yr lab) 1 year additional English, Math, or Natural/Physical Science 2 years Social Science 4 years additional core courses (from any area above, foreign language or non-doctrinal religion/philosophy)	<b><u>DIVISION II</u></b> <b><u>14 CORE-COURSE RULE</u></b> 3 years English 2 years Math 2 years Natural/Physical Science (1 yr lab) 2 years additional English, Math, or Natural/Physical Science 2 years Social Science 3 years additional core courses (from any area above, foreign language or non-doctrinal religion/ philosophy)
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### **TESTING OFFERED AT ST. BERNARD'S ACADEMY**

#### **Advanced Placement Exams (AP)**

College credit may be available to students based upon receiving a score of 3, 4, or 5 on the AP Examination administered during the month of May. A fee for the examination is collected in March. Financial assistance is available for those students who qualify. AP courses are college level courses taught in high school over two semesters of study.

#### **ASVAB**

The Armed Services Vocational Aptitude Battery Sample Test (ASVAB) is a multi-aptitude test. The test consists of ten short individual tests. This test is administered in the fall and spring semesters.

#### **PSAT (Preliminary Scholastic Aptitude Test)**

The PSAT primarily serves as a practice test for the SAT since it is designed in the same format. The PSAT is given in October to all Juniors and in the Spring for all Sophomores. For more information on the PSAT, SAT Reasoning Tests, and Subject Tests go to the web site: [www.collegeboard.org](http://www.collegeboard.org).

#### **SAT**

The SAT (for college admissions) is offered on the SBA campus in the Fall for seniors and in the Spring for Juniors. For more information on the PSAT, SAT Reasoning Tests, and Subject Tests go to the web site: [www.collegeboard.org](http://www.collegeboard.org).

## St. Bernard's Academy 2022-23 Courses

### **Fine Arts**

#### **Art**

\*Art I  
\*Ceramics I  
\*American Film  
\*Mass Communications/Yearbook  
Art II  
Ceramics II  
\*AP Art  
Choir  
Orchestra

#### **Drama**

\*Acting I  
Design and Build

### **Language Arts**

\*English 9  
\*English 9H  
\*English 10  
\*English 10H  
\*English 11  
\*AP English 11  
\*English 12 ERWC  
\*AP English 12  
\*English 1A (CR)  
\*English 2A(CR)

### **Religion**

Christian Fundamentals I  
Christian Fundamentals II  
Christian Fundamentals III  
Christian Fundamentals IV

### **Foreign Language**

\*Spanish I  
\*Spanish II  
\*Spanish III  
\*AP Spanish IV

### **Mathematics**

\*Algebra I  
\*Geometry  
\*Algebra II  
\*Pre-Calculus  
\*AP Calculus AB  
\*AP Calculus BC  
\*AP Statistics  
\*Consumer Math  
\*Business 10 (CR)  
\*Business 52(CR)

### **Physical Education**

Physical Education/Health  
Strength and Conditioning

### **Science**

\*Biology  
\*Chemistry  
\*Physics  
\*Marine Biology  
\*Field Biology  
\*AP Biology  
\*AP Environmental Science  
\*AP Physics 1  
\*Forensics

### **Social Science**

\*World History  
\*AP European History  
\*U.S. History  
\*AP US History  
\*US Government (semester course)  
\*US Government H (semester course)  
\*Economics H (semester course)  
\*Economics (semester course)

### **Special Programs**

PreSchool Aide  
Office/Teacher/Counselor Aide  
Core

\*Meets UC/CSU Requirement

## **VISUAL AND PERFORMING ARTS DEPARTMENT**

### **\*ART FOUNDATIONS: 9th – 12th Grades (Year Course)**

#### **Fulfills Visual Arts Requirement for Graduation and UC/CSU Admission**

Art Foundations is a beginning level class that introduces a variety of media and methods while encouraging students to develop aesthetic awareness, creative problem solving, and critical thinking skills. In the first semester, students work in several different 2D and 3D media to explore themes such as identity, place, and community. They will develop skills to analyze and make informed judgments about important artists and their work, as well as their own work and that of their peers. In semester two, students become self-directed and select an “area of emphasis” to apply these skills within the context of their own goals and interests. All students will maintain a “process portfolio” and a sketchbook in order to visually map their creative development. Lab Fee: \$25 per semester.

### **ART II: 10th – 12th Grades (Year Course)**

#### **Prerequisite: Art Foundations**

#### **Fulfills Visual Arts Requirement for Graduation**

This Advanced level course is largely project-based and involves both broad and in-depth academic and technical preparation, as well as the cultivation of twenty-first-century skills such as critical thinking, creative problem solving, communication, and collaboration. Over the course of the year students will develop a self-directed “area of emphasis” in order to enhance their technical art skills within the framework of visual literacy and how art fits in our cultural context. By the end of the course, students will have increased their ability to identify and respond to the visual “text” of artworks and their environment. Additionally, students will develop a digital process portfolio that will include both class work and independent projects outside the classroom and will arrange to showcase their work in a public venue during the spring semester. Lab Fee: \$25 per semester.

### **\*CERAMICS: 9th – 12th Grades (Year Course)**

#### **Fulfills Visual Arts Requirement for Graduation and UC/CSU Admission**

Ceramics is a beginning level class that introduces the use of clay as an artistic medium. In addition to acquiring skills in hand building, wheel throwing, surface design, and glazing to create functional pottery, students also create several sculptural pieces that reflect a variety of contemporary themes. Students will develop skills to analyze and make informed judgments about important ceramicists and their work, as well as their own work and that of their peers. Lab Fee: \$40 per semester.

### **CERAMICS II: 10th – 12th Grades (Year Course)**

#### **Prerequisite: Ceramics I**

#### **Fulfills Visual Arts Requirement for Graduation**

Advanced Ceramics is designed for the serious art student who wishes to pursue a focused study in 3-dimensional art. This course builds upon the skills and ideas explored in beginning ceramics so that students develop a sense of style and mastery of clay. Over the course of the year students will develop self-directed projects that encompass either functional or sculptural ceramics. By the end of the course, students will have increased their ability to identify and respond to the visual “text” of ceramic artwork and will have a body of work for a portfolio showcase or public exhibition. Lab Fee: \$40 per semester.

### **\*AMERICAN FILM: 10th-12th Grade (Year Course)**

#### **Fulfills Visual Arts Requirement for Graduation and UC/CSU Admission**

This course focuses on using acclaimed movies to enhance the depth of communication in writing about specific topics using critical thinking skills. Students will focus on writing professional movie reviews, as well as extended paragraphs on literary elements such as setting, theme and irony.

Students will use a variety of methods to summarize and analyze each movie, including storyboarding, completing a review template and in-depth critical commentaries on social and cultural themes, the director's intent and conflict development. American Film genres will include Westerns, Science Fiction and Magical Realism.

**CHOIR: 9th – 12th Grades**

**(Year Course)**

**Prerequisite: None**

Choir is a beginning level class designed to enable students to develop and advance their vocal skills. Emphasis will be on vocal production including breathing techniques, range development and intonation control. Students will learn the fundamentals of music, music theory, sight singing and singing in harmony. This choir will sing a repertoire of multiple genres from a variety of times and places. Students will perform locally on several occasions throughout the year.

**\*MASS COMMUNICATION/Yearbook: 9th – 12th Grades**

**(Year Course)**

**Prerequisite: Instructor Approval**

**Fulfills Elective Requirement for Graduation and UC/CSU Admission**

Mass Communications is a production course that produces our annual student yearbook, newspaper, and social media. Students learn all aspects of journalism and publishing: layout design, copy and caption writing, photography, editing, and proof-reading, as well as interpersonal skills required of a diversified staff working within project deadlines. There is ample room for creativity in the creation of the class product - the yearbook. Graphic Design is essentially ran as a small business. Students will be responsible for sales, production, and the distribution of the yearbook. This course requires commitment and responsibility from all staff members in order to ensure that the yearbook is completed in a thoughtful and timely manner.

**\*ACTING I: 9th – 12th**

**(Year Course)**

**Fulfills Visual & Arts Requirement for Graduation and UC/CSU Admission**

Acting I is a course designed to encourage and help the student to develop the "self". The course offers the student an opportunity to develop dramatic imagination, problem-solving skills, and an interest in the cultural heritage and importance of the art of theater. Students must have an active interest in people and drama, and a desire for self-expression and performance in class. They will become aware of their vocal and physical acting ability through improvisation, monologues, exercises and acting in scenes. Reading and analysis of plays will also be studied as well as a general introduction of the history of theater.

**\*AP Art: 10th– 12th**

**(Year Course)**

**Fulfills Visual & Arts Requirement for Graduation and UC/CSU Admission**

AP Studio Art is designed to prepare serious students for the development of their art portfolios. Through studio practice, application of design concepts, and informed decision making, students will assemble a body of artwork that demonstrates a high level of quality and growth over time. Assignments challenge students to solve visual arts problems and demonstrate a range of abilities in the application of the elements of art and principles of design, specific art mediums, art techniques, and content. This course requires that students work consistently and effectively both in and outside of class in order to produce original artworks of exceptional quality. Students are expected to complete the requirements of a finished portfolio for submission to the College Board for grading and possible college credit. Pre-requisite: Art Foundations or Ceramics

**Design & Build: 9th-12th****(Year Course)**

Students will learn the fundamentals of designing a building of sets for performances scheduled for the drama and music departments. Students will be taught design techniques digitally and on paper. Students will be introduced to carpentry, use of power tools, painting techniques, stage lighting.

**LANGUAGE ARTS DEPARTMENT****\*ENGLISH 9: 9th Grade****(Year Course)****Fulfills English Requirement for Graduation and UC/CSU Admission**

This college preparatory course emphasizes composition skills as well as comprehension and analysis of literature. Units of instruction include: Orientation/Study Skills; Autobiography; Exposition/Historical Writing and Reading; Poetry and Short Story; Dramatic Literature; and Themes across genres of poetry, short story, and non-fiction.

**\*ENGLISH 9H: 9th Grade****(Year Course)****Fulfills English Requirement for Graduation and UC/CSU Admission**

This honors course may be taken as preparation for entrance into AP classes. This course is demanding and will provide students with the skills and knowledge needed in order to become better readers, writers, and speakers of the English language. Students will explore composition guidelines as well as how to craft substantial essays for various purposes. In addition, students will explore various types of literature and be able to analyze it from several perspectives. Critical thinking is the emphasis of much of this course. Students will expand their vocabularies and improve their grammar knowledge as part of preparation for college admissions tests, like the SAT.

**\*ENGLISH 10: 10th Grade****(Year Course)****Fulfills English Requirement for Graduation and UC/CSU Admission**

This college preparatory course focuses on extensive reading, writing and public speaking with emphasis on Connections to Past Learning, Literary Analysis, Research, Response to Literature, Persuasive Writing and Speaking, and Performance/Interpretation of Literature. Curriculum throughout the school year will be integrated with topics in World History.

**\*ENGLISH 10H: 10th grade****(Year Course)****Prerequisite: A "C" or better in English 9 Honors****Fulfills English Requirement for Graduation and UC/CSU Admission**

This honors course may be taken as preparation for entrance into AP classes. This course focuses on extensive reading, writing, and public speaking with emphasis on common themes in literature and persuasive writing and speaking. Critical thinking and analysis of author choices is stressed. Students will expand their vocabularies through both exercises and quizzes and improve their grammar knowledge with an emphasis on practical application of grammar rules in their own writing. Students will be well-prepared for college admissions tests, like the SAT.

**\*ENGLISH 11: 11th Grade****(Year Course)****Fulfills English Requirement for Graduation and UC/CSU Admission**

This course will provide practical development of reading, language and writing skills that will include emphasis on vocabulary in context. Writing strategies will focus on producing structured compositions in the MLA format. Reading will include exemplary works of fiction and poetry, as well as nonfiction articles and primary sources related to providing context and depth to the selected literature.

**\*AP ENGLISH 11: 11th Grade** (Year Course)

**Prerequisite: A “C” or better in English 10 Honors**

**Fulfills English Requirement for Graduation and UC/CSU Admission**

The AP® English Language and Composition course is designed to transport students into a college English classroom. The rigor, expectations, and experience will work to mirror what our students can expect when they step into university life as college freshmen. Students write in a variety of modes for a variety of audiences, developing a sense of personal style and an ability to analyze and articulate how the resources of language operate in any given text. Because our students live in a highly visual world, we also study the rhetoric of visual media such as photographs, films, advertisements, comic strips. The Language of Composition, American literature, speeches, and essays will serve as our texts.

**\*ENGLISH 12 ERWC: 12th Grade** (Year Course)

**Fulfills English Graduation Requirement**

In this practical English course, students will develop reading, language, and writing skills needed to begin junior college, and transition to the world of work. Students will learn vocabulary and use writing strategies to produce clear, correct compositions. Literature study includes novels, dramatic literature, short story, and informational materials reflecting modern writers and contemporary themes. Students will use technology as a tool for accessing and communicating information.

**\*AP ENGLISH 12 LITERATURE: 12th Grade** (Year Course)

**Prerequisite: A “C” or better in AP English 11**

**Fulfills English Requirement for Graduation and UC/CSU Admission**

This course may be taken as preparation for the Advanced Placement exam. The student must have a C or higher grade on an 11th grade AP or English Honors course. The focus is on extensive reading, writing, and communication skills, with emphasis on common themes in literature. Critical thinking and close analysis of texts is stressed through student-led Socratic Seminars and following Academic Summary techniques in verbal and written responses. Interactive NoteBooks are used to create a themed portfolio of all classwork and assignments. Independent Reading of two selected texts per quarter, accompanied by a Dialectic Journal, is a requirement. Research and academic essays in various lengths will follow the MLA format, with emphasis on providing correct citations and logical reasoning. Students will expand their vocabularies and improve their grammar knowledge as part of preparation for college admissions tests, like the ACT.

**COMMUNICATIONS: 9th- 12th Grades** (Year Course)

**Fulfills Elective Requirement for Graduation and UC/CSU Admission**

Newly added course.

**FOREIGN LANGUAGE**

**\*SPANISH I: 9th – 12th Grades** (Year Course)

**Fulfills Graduation Requirement or UC/CSU Second Language Requirement**

Spanish 1 provides a grammatical and vocabulary foundation for learning to speak in Spanish, understand spoken Spanish as well as read and write in Spanish. Students are required to participate in daily exercises that include speaking, listening, reading, and writing in order to



encourage a strong grasp of the flow of the language as well as the basics of the linguistic composition of the language. Students are encouraged to participate in partners and groups in order to practice their conversational fluency. Students will gain knowledge of many of the diverse cultures in the Spanish speaking world and will have the opportunity to participate in many traditions from these cultures. Students must complete the course with a grade of a C or higher in order to move on to Spanish 2. **Native speakers of Spanish may not take this course.**

**\*SPANISH II: 9th – 12th Grades**

**(Year Course)**

**Prerequisite: Spanish I with a Grade of “C” or Better**

**Fulfills Graduation Requirement or UC/CSU Second Language Requirement**

Spanish 2 continues to build on the grammatical and vocabulary foundation created in the Spanish 1 course and requires students to think critically about their spoken and written Spanish. Students are required to participate in daily exercises that include speaking, listening, reading, and writing in order to encourage a strong grasp of the flow of the language as well as the complex linguistic composition of the language. Students will gain knowledge of many of the diverse cultures in the Spanish speaking world and will have the opportunity to participate in many traditions from these cultures including a hands on group project in which students present food, art, and history to their classmates from country or culture of their choice. Students must complete the course with a grade of a C or higher in order to move on to Spanish 3 and upon completion of Spanish 2 are eligible to travel with the Spanish department in order to gain firsthand knowledge of language and culture by way of immersion. **Native speakers of Spanish may take this course.**

**\*SPANISH III: 10th – 12th Grades**

**(Year Course)**

**Prerequisite: Spanish II with a Grade of a C or Better**

**Fulfills Fine Art Requirement or UC/CSU Second Language Requirement**

Spanish 3 is a full immersion class and aims to continue to build on grammatical concepts as well as vocabulary gained in levels 1 and 2. In Spanish 3 students are expected to speak in Spanish throughout the class period, think and respond critically to texts which include written texts, films, songs, etc. Students will gain knowledge of many of the diverse cultures in the Spanish speaking world and will have the opportunity to participate in many traditions from these cultures including a hands on group project in which students present food, art, and history to their classmates from a country or culture of their choice. Students must complete the course with a grade of a C or higher in order to move on to Spanish 4 and are eligible to travel with the Spanish department in order to gain firsthand knowledge of language and culture by way of immersion. **Native speakers of Spanish may take this course.**

**\*AP SPANISH IV: 10th – 12th Grades**

**(Year Course)**

**Prerequisite: Completion of Spanish III or Permission of the Instructor**

**Fulfills Fine Art Requirement or UC/CSU Second Language Requirement**

AP Spanish IV is a full immersion class and aims to continue to build on grammatical concepts as well as vocabulary gained in levels 1, 2, and 3. Spanish IV students are expected to speak in Spanish throughout the class period, think and respond critically to a variety of complex texts (written, spoken, and visual) and conversation topics. Students will prepare for the AP exam by closely examining all aspects of the grammar, varieties of pronunciation, participating in conversations with each other, and discussions with the group as a whole. Students will gain knowledge of many of the diverse cultures in the Spanish speaking world and will have the opportunity to participate in many traditions from these cultures including a hands on group project in which students present food, art, and history to their classmates from a country or culture of their choice. Students must complete the course with a grade of a C or higher in order to receive AP credit for the course. AP students will sit for the exam in May of the junior or senior year. A fee is required for AP exams. **Native speakers of Spanish may take this course.**

## **MATHEMATICS DEPARTMENT**

### **\*Consumer Math: 10th – 12th Grades (Year Course)**

#### **Fulfills Mathematics Requirement for Graduation and UC/CSU Admission**

Students will learn a variety of financial aspects of career planning, money management, consumer rights and responsibilities, personal decision making, buying and caring for a vehicle, checking and banking services, consumer credit, saving for the future, interest, investments, insurance, and retirement. Classroom activities will simulate real life situations using hands-on projects to teach students skills necessary to manage their personal finances.

### **\*ALGEBRA I – 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> Grades (Year Course)**

#### **Prerequisite: Pre-Algebra or Math 7**

#### **Fulfills Mathematics Requirement for Graduation and UC/CSU Admission**

Algebra 1 curriculum includes concepts and methods which allow students to represent situations which involve variable quantities with expressions, equations, and inequalities. By operating on expressions and solving sentences, students will develop the technical facility which will allow them to focus on conceptual understanding, algebra as a means of representation, and on algebraic methods as a problem-solving tool. Daily homework is expected.

### **\*GEOMETRY – 9th – 12th Grades (Year Course)**

#### **Prerequisite: Teacher recommendation or successful completion of Algebra 1 with a grade of D or better**

#### **Fulfills Mathematics Requirement for Graduation and UC/CSU Admission**

This is a college preparatory class emphasizing several important mathematical concepts in an integrated algebra/geometry context. Instruction will focus on six critical areas: (1) congruence of triangles based on rigid motion; (2) similarity of triangles based on dilations and proportional reasoning; (3) circumference, volume, and area; (4-5) Pythagorean Theorem (among others); and (6) probability. Students will work independently, in pairs, and in groups to discover and apply concepts. Successful completion of this course with a grade of “C” or better will qualify students to take Algebra 2.

### **\*ALGEBRA II – 10th – 12th Grades (Year Course)**

#### **Prerequisite: Grade of D or better in Geometry**

#### **Fulfills Mathematics Requirement for Graduation and UC/CSU Admission**

This course combines algebraic, geometric, and trigonometric concepts that will prepare students for the study of statistics, pre-calculus, and calculus. Students expand on their knowledge of linear, quadratic, and exponential functions to include logarithmic, polynomial, rational, and radical functions. Instruction will focus on four critical areas: (1) the arithmetic of rational expressions and numbers; (2) functions and graphing, including trigonometric functions; (3) exponential and logarithmic functions; (4) data display and summary statistics. This course is also the first of a two-year programme for students in the International Baccalaureate Mathematical Studies Standard Level Programme.

**\*PRE-CALCULUS: 10th – 12th Grades** (Year Course)

**Prerequisite: Grade of “C” or better in Algebra 2**

**Fulfills Mathematics Requirement for Graduation and UC/CSU Admission**

Students will continue to develop their abilities to use various problem-solving strategies to analyze problems and formulate appropriate solution strategies. This course will build on techniques that students have previously learned from the study of algebra and geometry. The trigonometric functions studied are defined geometrically as well as terms of algebraic equations. Facility with these functions studied and the ability to apply advanced algebra concepts will enable students to move on to the study of calculus, more advanced mathematics, physics, and other sciences.

**\*AP CALCULUS AB: 10th – 12th Grades** (Year Course)

**Prerequisite: Grade of “C” or Better in Pre-calculus**

**Fulfills Mathematics Requirement for Graduation and UC/CSU Admission**

Students will continue to develop their abilities to use various problem-solving strategies to analyze problems and formulate appropriate solution strategies. This course will build on techniques that students have previously learned from the study of algebra, geometry and trigonometry. The ability to apply calculus concepts will enable students to move on to the study of more advanced mathematics, physics, and other sciences. This course is the second in a two-year program for those students who are completing the International Baccalaureate Mathematics Standard Level course. Students will sit for the AP exam in May. An examination fee is required for AP exams.

**\*AP CALCULUS BC: 11th – 12th Grades** (Year Course)

**Prerequisite: Grade of “C” or Better in AP Calculus AB and Instructor Approval**

**Fulfills Mathematics Requirement for Graduation and UC/CSU Admission**

Students will continue to develop their abilities to use various problem-solving strategies to analyze problems and formulate appropriate solution strategies. This course will build on techniques that students have previously learned from the study of Calculus AB and will cover all AP Calculus BC standards. The ability to apply calculus concepts will enable students to move on to the study of more advanced mathematics, physics, and other sciences. This course is the second in a two-year program for those students who are completing the International Baccalaureate Higher Level Mathematics course. Students will sit for the AP exam in May. An examination fee is required for AP exams. \*Note – students taking AP Calculus BC will be working on an Independent Study basis with guidance from the teacher during the AP Calculus AB class.

**\*AP COMPUTER SCIENCE: 11th – 12th Grades** (Year Course)

**Fulfills Elective Requirement for Graduation and UC/CSU Admission**

Students will learn to design and implement computer programs that solve problems relevant to today’s society, including art, media, and engineering. AP Computer Science teaches object-oriented programming using the Java language and is meant to be the equivalent of a first semester, college-level course in computer science. It will emphasize problem solving and algorithm development, and use hands-on experiences and examples so that students can apply programming tools and solve complex problems.

**\*AP STATISTICS: 11th – 12th Grades** (Year Course)

**Fulfills Elective Requirement for Graduation and UC/CSU Admission**

The AP statistics course is a college-level course designed to introduce the student to the fundamental ideas of probability and statistics. It is a yearlong course and requires significant effort on

the part of the student. This course is different from the mathematics classes most students are used to having because it requires writing to clarify and explain situations rather than relying solely on mathematical manipulations.

**Intro to Engineering: 9th – 12th Grades** (Year Course)  
**Fulfills Elective Requirement for Graduation and UC/CSU Admission**

## **PHYSICAL EDUCATION DEPARTMENT**

**PE: 9th – 12th Grades** (Year Course)  
**Fulfills PE Requirement for Graduation**  
**Prerequisite: None**

Physical Education emphasizes health-related fitness and developing the skills and habits necessary for a lifetime of activity. These courses provide students with opportunities to achieve and maintain a health-enhancing level of physical fitness and increase their knowledge of fitness concepts. The program includes skill development and the application of rules and strategies of complex difficulty in the following different movement forms: (1) health-related fitness activities (cardiorespiratory endurance, muscular strength and endurance, flexibility and body composition), (2) aerobic exercise, (3) team sports, (4) individual and dual sports, (5) gymnastics, (6) outdoor pursuits, (7) and recreational games.

**wEIGHTS: 10th – 12th Grades** (Year Course)  
**Fulfills PE Requirement for Graduation**  
**Prerequisite: Physical Education –with a “C” or higher.**

The primary goal is to assist students in achieving a level of physical fitness for health and performance while demonstrating knowledge of fitness concepts, principles, and strategies in hopes to include physical activity as part of their daily lives. It will give the student the opportunity for regular, supervised workouts while learning power techniques and safety. Muscle structure and movement will be taught along with specific lifts, which develop each muscle group. Health-related fitness activities will be done to include cardiorespiratory endurance, muscular strength and endurance, flexibility and body composition. Students have the opportunity to design and develop an appropriate personal fitness program that enables them to achieve a desired level of fitness. Ongoing assessment includes both written and performance-based skill evaluations.

## **RELIGION DEPARTMENT**

**CHRISTIAN FUNDAMENTALS I:** (Year Course)  
**Fulfills Religion Requirement for Graduation**

This year long course is designed to be a basic introduction to adult Christianity. It is focused on the basic philosophical underpinnings of faith, and is designed both to help christian youth transition from story based children’s faith programs to a more solid, logically built adult faith, as well as serve as an introduction to non-christian youth on the basic beliefs of Christianity. This course will cover Natural Law, basic morality, an overview of world religions and their basic precepts, the life of Christ, and a brief history of Christianity.

**CHRISTIAN FUNDAMENTALS II:** (Year Course)  
**Fulfills Religion Requirement for Graduation**

This course will explore the Christian teachings and traditions touching on such topics as the dignity and worth of the individual Human Being; Human life in Community; comparing and contrasting the ideas of Freedom/License; how we can see humans as Spiritual Beings; the ideas of Rights and Responsibilities; Call to Service; Married Life; Consecrated Life; Relationship; contemporary world events. Text based quizzes and tests supplemented by teacher-generated lectures; independent research on current events related to peace and justice issues. Students complete review questions from text and quizzes based on teacher lectures.

**CHRISTIAN FUNDAMENTALS III: (Year Course)**

**Fulfills Religion Requirement for Graduation**

During the first part of this course, we will go through the history of Christianity. We will study the Jewish faith through the Old Testament, and see it blossom into the life of the Messiah. We will study the early history of the Church, and briefly walk through history as we see Christianity play through the centuries. During the second half of this course, we focus on morality and the basics of Christian behavior. We will go through the Ten Commandments, the Beatitudes, and Church Law in detail. This class will look at modern issues in the world, and study the Christian response to moral challenges of the past and present.

**CHRISTIAN FUNDAMENTALS IV: (Year Course)**

**Fulfills Religion Requirement for Graduation**

This course explores the world's major religions while comparing and contrasting each with the Christian religious tradition; asking and helping students answer the following questions: Why religion? How is man a religious being? The class will explore such topics with each religion as: Sacred beliefs; sacred scriptures; sacred time; sacred places of the world's major religions. This text-based learning experience is supplemented with teacher-generated lectures; video presentations and music presentations. Students answer text review questions; complete quizzes and/or viewing questions of video and music presentations; generate curriculum-based art and group presentations.

**SCIENCE DEPARTMENT**

**Intro to Anatomy: 9th Grades (Year Course)**  
**Newly added Course.**

**\*BIOLOGY: 9<sup>th</sup> – 12<sup>th</sup> Grades - Lab (Year Course)**

**Fulfills Lab Science Requirement for Graduation and UC/CSU Admission**

Biology is the study of Life. Throughout the year this course provides an opportunity for students to develop scientific process skills, laboratory techniques, and an understanding of the fundamental principles of living organisms. Students will explore Biological Science as a Process, Cell Structure and Function, Genetics and Heredity, Evolution and Classification, Diversity of Living Organisms and their Ecological Roles, and Exploration of Ecosystems. It is composed of laboratory work, interactive activities, fieldwork and lecture. This course is considered an introductory lab science and will provide necessary background for further science courses.

**\*CHEMISTRY: 10<sup>th</sup> – 12<sup>th</sup> Grades (Year Course)**

**Prerequisite: Biology with a Grade of "C" or Better**

**Fulfills Lab Science Requirement for Graduation and UC/CSU Admission**

Chemistry is a laboratory based physical science studying inorganic chemistry. This course involves laboratory work, field trips, interactive activities with exploration of chemical concepts. Topics studied include: Atomic Structure, Chemical Bonding, States of Matter, Chemical Reactions and Kinetics.

**\*FIELD BIOLOGY: 10th – 12th Grades (Year Course)**

**Prerequisites: Biology and Chemistry with Grade of “C” or Better**

**Fulfills Lab Science Requirement for Graduation and UC/CSU Admission**

This course is designed to prepare students for the college level Advanced Placement Biology Examination and is based on the curriculum established by the College Board. Students obtain weighted credit by successfully completing the AP Biology exam at the end of the course. The course is significantly different than a first year high school biology course. We will investigate wider range of topics, the textbook is more comprehensive, and students are required to spend more time and effort on the material. Students will be provided the opportunity to experience laboratory skills comparable to introductory college level biology courses, including inquiry based labs and computerized data acquisition and analysis. Material will be covered through daily class activities, lectures, discussions, laboratories, and independent study.

**MARINE BIOLOGY: 11th – 12th Grades (Year Course)**

**Prerequisites: Biology with Grade of “C” or better, or with consent of instructor**

**Fulfills Science Requirement for Graduation**

Marine Biology is the study of ocean life. This course involves students in laboratory setting as well as field trips, lecture and interactive activities. This course has a global perspective to emphasize the integration and connectivity of the World’s oceans. Some topics of study include the Sea Floor, Structure and Function of Marine Ecosystems, Ecology, Humans and the sea, Marine Reptiles, Birds and Mammals and Exploring the Ocean Depths.

**\*AP Biology: 11th – 12th Grades (Year Course)**

**Prerequisites: Biology and Chemistry with Grade of “C” or Better**

**Fulfills Lab Science Requirement for Graduation and UC/CSU Admission**

This course is designed to prepare students for the college level Advanced Placement Biology Examination and is based on the curriculum established by the College Board. Students obtain weighted credit by successfully completing the AP Biology exam at the end of the course. The course is significantly different than a first year high school biology course. We will investigate wider range of topics, the textbook is more comprehensive, and students are required to spend more time and effort on the material. Students will be provided the opportunity to experience laboratory skills comparable to introductory college level biology courses, including inquiry based labs and computerized data acquisition and analysis. Material will be covered through daily class activities, lectures, discussions, laboratories, and independent study.

**\*AP Physics 1: 11th – 12th Grades (Year Course)**

**Prerequisites: Biology and Chemistry with Grade of “C” or Better**

**Fulfills Lab Science Requirement for Graduation and UC/CSU Admission**

AP Physics 1 is an algebra-based, introductory college-level physics course. The course explores topics that include Newtonian mechanics, work, energy, power, mechanical waves, sound, and introductory electrical circuits.

**\*AP Environmental Science: 11th – 12th Grades (Year Course)**

**Prerequisites: Biology and Chemistry with Grade of “C” or Better**

**Fulfills Lab Science Requirement for Graduation and UC/CSU Admission**

AP Environmental Science is designed to be the equivalent of an introductory college course in environmental science. The goal of this course is to provide students with the scientific principles,

concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems, both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Topics of study include Earth systems and resources, ecosystems and energy flow, population biology, land and water use, energy resources and consumption, pollution, agriculture, conservation and global change.

**\*FORENSICS: 11th – 12th Grades (Year Course)**

**Prerequisites: Biology and Chemistry with Grade of “C” or Better**

**Fulfills Lab Science Requirement for Graduation and UC/CSU Admission**

Forensics/Criminal Law will include the study of the agencies and processes involved in the criminal justice system, including the legislature, the courts, and corrections; an analysis of the roles and problems of the criminal justice system in a democratic society with an emphasis on 4th, 5th, & 6th amendment considerations during police investigations, arrest, in pre-trial procedures, and while moving through the justice system. Careers in policing should be examined, including ethical considerations and standard protocols and dilemmas facing law enforcement on a daily basis such as matters involving use of force and the force continuum, so that students can make an informed decision whether or to pursue the full range of careers and post-secondary opportunities the criminal justice fields.

## **SOCIAL SCIENCE DEPARTMENT**

**\*WORLD HISTORY: 10th Grade (Year Course)**

**Prerequisite: World Cultures/Geography Students must earn a “C” or Better**

**Fulfills World History Requirement for Graduation and UC/CSU Admission**

Students have an opportunity to compare and contrast philosophies, languages, literature, religion and the arts of world cultures. The students become more knowledgeable about the effects of geography upon the political and economic development of cultures.

**\*AP EUROPEAN HISTORY: 10th – 12th Grades (Year Course)**

**Prerequisite: World Cultures/Geography Students must earn a “C” or Better**

**Fulfills World History Requirement for Graduation and UC/CSU Admission**

This intensive college level course is designed to adequately prepare students for success on the AP exam in European History. It examines the history of European society, politics, religion, and economics from the 14th century to the present and includes strategies and instruction directly pertaining to the AP European History exam. The AP course and exam in European History are intended for qualified students who wish to complete classes in secondary school equivalent to college introductory courses in European history.

**\*UNITED STATES HISTORY: 11th Grade (Year Course)**

**Prerequisite: World or AP European History Students must earn a “C” or Better**

**Fulfills U.S. History Requirement for Graduation and UC/CSU Admission**

United States history is designed to help students examine major turning points in American history in the twentieth century. Throughout the year students will examine American culture including religion, literature, art, drama, architecture, education, and the mass media. The year begins with a selective

review with an emphasis on the nation's beginning including the main influences in the founding of the United States and the causes and consequences of the Civil War.

**\*AP UNITED STATES HISTORY: 11th Grade (Year Course)**

**Prerequisite: World or AP European History Students must earn a "C" or Better**

**Fulfills U.S. History Requirement for Graduation and UC/CSU Admission**

This college course will survey American History from 1609 to 1990 exploring various themes important to the understanding of the American experience. The readings use the college level textbook. This course is the equivalent to college or university level U.S. History. The course prepares students to take the Advanced Placement examination in May.

**\*US GOVERNMENT: 12th Grade (Semester Course)**

**Prerequisite: US or AP US History Students must earn a "C" or Better**

**Fulfills Government Requirement for Graduation and UC/CSU Admission**

American Government is a semester course designed to help students develop an understanding of the institutions of American government. Students examine and compare and contrast the development and processes of governments in both the United States, and to a lesser extent, the world. Students also examine related major issues of the world today. Emphasis is placed on the development of social participation skills and civic responsibility.

**\*ECONOMICS: 12th Grade (Semester Course)**

**Fulfills Economics Requirement for Graduation and UC/CSU Admission**

Economics is a one semester course in which students learn economic reasoning and how to apply it to their daily lives. Students understand the role of the market in the contemporary world economy, the role of government in the economy, the role of labor in the economy, the nature of aggregate economic behavior, how to interpret economic indicators, and the impacts of globalization both within the United States and around the world. Students explore the role of economics with regard to social issues (such as income distribution, poverty, and the environment) and issues of the global economy (such as international trade and the globalization of corporate ownership).

## **SPECIAL PROGRAMS**

**CORE: 9th – 12th Grades (Year Course)**

**Prerequisite: Administration Approval**

**Fulfills Elective Graduation Requirement**

Core is a class designed for those students who need extra assistance with their required classes. Student grades will be monitored by the teacher on a weekly basis. The CORE teacher will keep in contact with the instructors in order to keep the students on track. Organization, study skills and test taking skills will also be taught.

**PreSchool AIDE: 11th – 12th Grades (Year Course)**

**10 credits maximum toward Graduation**

**Fulfills Elective Requirement for Graduation**

Enrollment requires consent of the administrator and teacher of the preschool to which the student is assigned. Initial approval must be obtained from the high school administration. Students are assigned to the SBA preschool school for one period a day where they have the responsibility of working with a teacher as an aide. The tasks may involve working with the PE program, helping with reading groups, tutoring students in math, teaching computer skills, etc. This is an excellent career exploration for students who are considering teaching as a career.

**OFFICE, TEACHER, OR COUNSELOR AIDE: 11th – 12th Grades (Year Course)**



**Students May Take This Course for a Maximum of 10 Credits toward Graduation**

**Prerequisite: Instructor and Administrator Approval**

**Fulfills Elective Requirement for Graduation**

Enrollment requires consent of the appropriate Teacher, Administrator or Counselor prior to registration. Grades will be based on attendance, punctuality and the development of skills used in the office or classroom. The purpose of this course is to provide an opportunity for students to develop and improve general office skills and to assist the Teacher, Counselor or Student Service Office in the operation of daily business. Skills to be developed include, but are not limited to, reception, intercom, typing, filing, attendance accounting, etc. Students may not earn more than a total of fifteen (15) units towards graduation from these classes, with not more than a total of ten units as an office aide or a teacher's aide.