

BISHOP DIEGO HIGH SCHOOL



RESPECT • PERSEVERANCE • COMPASSION

CURRICULUM GUIDE

2018-2019

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COUNSELING AND STUDENT SERVICES DIVISION

The Counseling and Student Services Division (C&SS) provides comprehensive academic, career and personal/social support for all students to maximize student potential and academic achievement. In partnership with educators and families, the C&SS Division is committed to the learning needs of all students so that they may complete the rigorous, college-preparatory curriculum that Bishop Diego offers. Each year, students are provided personal attention and guidance in working toward university admission.

GRADUATION REQUIREMENTS

Preparing for specific personal, vocational or college interests requires careful planning of the student's course of study. Students are encouraged to take as many core academic courses as their abilities will permit. Students interested in highly competitive colleges should give special attention to a four-year sequence in mathematics, science and foreign language. Most colleges require more than the minimum graduation requirements. Freshmen are placed into their courses based on 7th and 8th grade academic grades, placement test scores and academic letters of recommendation.

BDHS Graduation Requirements	UC/CSU "A-G" Requirements
Social Science – 3 years	(a) Social Science – 2 years (including US History)
English – 4 years	(b) English – 4 years
Math - 4 years (including Geometry & Algebra 2)	(c) Math – 3 years (including Geometry & Algebra 2)
Science – 2 years	(d) Lab Science – 2 years (one biological, one physical)
World Languages – 2 years (same language)	(e) LOTE – 2 years (same language, 3 recommended)
Fine Art – 1 year	(f) Visual Performing Art – 1 year (same subject)
Theology – 4 years	(g) CP Elective – 1 year (example: Psychology)
PE/Athletics – 1 year of PE or 2 seasons of athletics	SAT or ACT Exam (taken in May/June of 11 th gr)
Technology – 1 year	SAT Subject Tests recommended, and sometimes required
Electives	
No F's accepted	No D's or F's accepted
25 total credits; 100 Christian Service Hours; Character Formation Program	

GRADES AND GRADE WEIGHTING

GRADES

Students receive letter grades in all subjects. Bishop Diego uses a five-letter grading system: A, B, C and D are passing grades, ranging from excellent to poor; F is a failing grade for which no credit is given. A student who receives an F in a required subject must repeat and pass the course before continuing in the sequence. A student who fails to make up a subject deficiency in summer school may not be re-admitted to the school.

The following is a general rubric as to the meaning of an academic grade:

A - student demonstrates an in-depth understanding and analysis of the content in all aspects of the course; student work is generally thorough, discerning and insightful; student presents work that is polished, refined and consistently well-crafted.

B - student demonstrates an in-depth understanding and analysis of the content in many aspects of the course; student work is often thorough, discerning and insightful; student presents work that is clear and well-crafted much of the time.

C - student demonstrates an understanding and analysis of the content in some aspects of the course; student work is not generally thorough, discerning or insightful; student presents work that is sometimes well-crafted, but inconsistent.

D - student does not demonstrate an adequate understanding or analysis of the content in most aspects of the course; student work shows a lack of discernment or insight; student presents work that is generally not well-crafted and highly inconsistent.

F - student does not demonstrate an adequate understanding or analysis of the content in most aspects of the course; student work shows almost complete lack of discernment or insight; student frequently fails to complete assignments or present work of any quality; student shows very little commitment to the course.

WEIGHTING

Grades are weighted in all honors and AP courses. Approved courses taken through colleges and universities also received weighted grades. Weighted grade averages reflect the nature and difficulty of the work required.

In computing unweighted grade point averages:

A+ = 4.33, A = 4.00, A- = 3.67, B+ = 3.33, B = 3.00, B- = 2.67, C+ = 2.33, C = 2.00, C- = 1.67, D+ = 1.33, D = 1.00, D- = .67 and F = 0.

In computing weighted averages for Honors and AP classes:

A+ = 5.33, A = 5.0, A- = 4.67, B+ = 4.33, B = 4.00, B- = 3.67, C+ = 3.33, C = 3.00, C- = 2.67. There is no weighted credit for grades of 72% (C-) or below.

ACADEMIC PLANNING AND COLLEGE COUNSELING

Affiliated Faculty

Jean Anderson, M.Ed.

Rya Carpenter, M.A.

Bishop Diego uses the University of California/California State University "a-g" requirements as the benchmark for academic planning and college/university admission. This sets the bar high for college admissions, and opens the door to many post-secondary opportunities. **IMPORTANT NOTE:** The college counselor at Bishop Diego is poised to help students identify additional and specialized admission requirements of highly selective and out-of-state schools. Students interested in highly selective or out-of-state schools should work closely with their college counselor during course selection and academic planning.

ADVANCED PLACEMENT

The Advanced Placement program is a collection of rigorous, introductory college courses. Each course culminates with an examination developed by the College Board. Most colleges and universities allow entering freshmen to matriculate out of one to three semesters of college work if an acceptable score (usually 3 or higher) has been earned on an Advanced Placement examination. The AP fee is \$120.00 and covers the cost of the exam and review materials. Students should enroll in an AP class with the full intention of taking the AP examination.

HONORS COURSES

Honors courses are advanced high school courses and provide students with enriched educational activities that encourage greater intellectual inquiry and discovery. Bishop offers honors courses in every discipline to recommended students with high academic achievement and test scores. Each department prepares specific criteria for placement in these courses. Generally, a student placed in an Honors course is expected to do more than is required, learn rapidly, show initiative and creativity, and assume active leadership in learning activities.

ONLINE COURSES/INDEPENDENT STUDY

The School places emphasis on forming the whole child, academically, personally and spiritually. In order for the Mission of the School to be fulfilled, students must be on campus taking our courses and participating in our co-curricular activities.

At times, however, there may be a conflict in a student's schedule that prevents him or her from taking a course required for graduation. Or, it may be possible that schedule conflicts prevent a student from taking the next course in a sequence, specifically in departments such as World Language and Mathematics. It is only in the case of a scheduling conflict that the school will permit online/off-campus coursework to supplant courses offered at the School. The student is required to fill out an Academic Petition to request permission to take off-campus or online course work from her or his Academic Counselor.

RESOURCE PROGRAM

Affiliated Faculty

Dr. June Szabo-Kifer, Ph.D.

Kathy Tuiasosopo, B.A.

Bishop Garcia Diego High School is committed to meeting the individual academic needs of all students. Students with documented learning disabilities are eligible to receive services under the direction of the Resource Specialist.

Some important information to know:

1. The resource program is designed to accommodate students with minimal, diagnosed language, learning, or attention difficulties.
2. Through this program, students are offered the tools and adjustments necessary for academic achievement.
3. Faculty members are aware of those students eligible for resource services and work collaboratively with the resource specialist to meet their specific needs.
4. Students who qualify for resource services fulfill all of the curricular requirements of the school.

ARTS & HUMANITIES

The philosophy of the Bishop Garcia Diego Humanities Division is that all knowledge is connected. We strive for students to see the relationship among disciplines and that the skills and aptitudes developed in one course are applicable in other subject areas. These include critical thinking and analysis; strong communication - written, artistic, and spoken; personal and civic responsibility; understanding of shared human experience and multiculturalism; and the importance and impact of faith.

ENGLISH

Affiliated Faculty

Mandy Combs, M.LS
Tim Flanagan, M.A
Jeff Koval, B.A.
Linda Williams, B.A.

Note: Summer reading is required in all English courses.

LITERATURE AND COMPOSITION I

Two Semesters: Grade 9

This course introduces students to various genres of literature, writing skills, grammar, and vocabulary. It includes an extensive writing program in which students learn basic writing skills, sentence construction, literary terms, paragraph development, thesis development, critical essay skills, and peer editing. The course also focuses on personal responses to literature, skills in reading for depth, as well as research projects. Students may be required to attend cultural events outside the school.

(H) LITERATURE AND COMPOSITION I

Two Semesters: Grade 9

PREREQUISITE: Departmental Approval

This course covers the material taught in Literature and Composition I in greater depth and detail and demands more precision from students. Additional reading is required. Placement in (H) Literature and Composition I is determined by the counselor following a review of scores on the High School Placement Test.

LITERATURE AND COMPOSITION II

Two Semesters: Grade 10

This course continues at an advanced level of instruction in the full range of language skills: literature, composition, grammar and vocabulary (the literature component introduces the study of the novel and autobiography, and emphasizes the short story, poetry and drama). Students become familiar with the literary terminology appropriate to these genres and are introduced to literary analysis. Composition emphasizes clear presentation of ideas in the expository mode as well as imitation of the literary forms. Students will also practice and refine critical writing skills. Students may be expected to attend a related cultural event outside the classroom.

(H) LITERATURE AND COMPOSITION II

Two Semesters: Grade 10

PREREQUISITE: Departmental Approval

This course aims to prepare students for AP English Language and Composition and AP English Literature and Composition by developing their ability to analyze, synthesize, and criticize complex literary themes rhetorical devices and to communicate them in various writing assignments. Examples of the literature read may include *Grapes of Wrath*, *Macbeth*, *Oedipus Rex*, *Scarlet Letter*, *Bless Me, Ultima*, and more. Students will be expected to demonstrate a high level of critical thinking through the writing of literary essays, oral presentations, group projects, class discussions, etc. The reading and writing requirements are more strenuous than the College Prep English 10 and demand more precision from the students.

AMERICAN LITERATURE

Two Semesters: Grade 11

This intensive reading and writing course focuses on the American literary experience. It explores the development of American thought as evidenced through the works of Whitman, Emerson, and Thoreau. Morrison, Sinclair, Fitzgerald, Williams and more. Students are expected to read independently and participate in class discussions. Various modes of expository and creative writing are explored, with an emphasis on clarity of syntax in expression. Refined technique in critical essays is a fundamental part of this course as are oral presentations and the continued study of vocabulary. Students are expected to attend a related cultural event outside the classroom.

BRITISH & WORLD LITERATURE

Two Semesters: Grade 12

This course covers a combination of thematic international literary selections of various genres and a corresponding writing process, both directed at exploring values, ideas, and ideals similar to and different from our own. Consideration is also given to the literary quality of the works discussed. The course focuses on both similarities and differences between English and other literature. Composition consists of formal thematic writing in response to the literature as well as personal exploration through writing. Students will read selections from Dostoevsky, Tolstoy, Hugo, Shakespeare, Austen and more.

CREATIVE WRITING

Two Semesters: Grades 10-12

The Creative Writing course introduces sophomore through senior students interested in a career in writing to the concepts and methods necessary for the successful production of creative works including: short fiction, drama, screenplays and journalism. As a part of the Performing Arts Collaborative, students work both independently and as a team to create screenplays to be produced by students in the Advanced Multimedia, Advanced Sound and Drama classes. Course texts include short stories, novellas, critical essays, articles and essays by the authors covered, one-act plays, poems, essays, films, television productions, newspaper and magazine articles, and other non-fiction texts.

AP ENGLISH LANGUAGE AND COMPOSITION

Two Semesters: Grade 11

PREREQUISITE: Departmental Approval

As described by the College Board, this college level course focuses on critical reading and skilled writing to prepare students for all areas of college course work and in their professional lives. Students will become aware of author's purpose, audience, and conventions of language that contribute to effective writing and communication. This is achieved through examination of and response to non-fiction and fiction works in the American literary canon. Students will prepare throughout the year for the AP exam in May. Works include but are not limited to: *How to Read Literature Like a Professor*, by Thomas Foster; *The Adventures of Huckleberry Finn*, by Mark Twain; *The Awakening*, by Kate Chopin; *The Great Gatsby*, by F. Scott Fitzgerald; and *Song of Solomon*, by Toni Morrison.

AP ENGLISH LITERATURE AND COMPOSITION

Two Semesters: Grade 12

PREREQUISITE: Departmental Approval

AP English provides an opportunity for highly motivated students with exceptional ability in English to fulfill requirements for their senior year while completing college-level work. The class emphasizes critical reading and analysis of literature, including: two summer reading selections, Chaucer's *The Canterbury Tales*, Hardy's *Tess of the D'Urbervilles*, Tolstoy's *The Death of Ivan Illych*, *The Book of Job*, Dostoyevsky's *Crime and Punishment*, Shakespeare's *Hamlet*, Wolff's *Mrs. Dalloway*, a poetry unit that includes ancient through contemporary poems, and a pre-approved free reading book of appropriate literary merit. Composition includes in-depth literary analysis, guided reading responses, critical theory projects, timed writings taken from past AP tests, and essay tests. Students are required to attend at least one cultural event during the school year.

DIGITAL ART & TECHNOLOGY

Affiliated Faculty

Dan Yokubaitis, B.S.

Jeff Hampton, B.A.

Jeff Koval, B.A.

Cindy McCarthy, B.A.

INTRODUCTION TO MULTIMEDIA & TECHNOLOGY

Two Semesters: Grade 9

This is a survey class introducing students to school wide applications, and technologies on campus. It will prepare students for responsible technology and multimedia use both in high school and in college.

Students will complete 4 Areas of study:

1. Office applications
2. Adobe and Apple applications
3. Networking and database
4. Multimedia, broadcast and presentation

INTERMEDIATE MULTIMEDIA & TECHNOLOGY

Two Semesters: Grades 10-12

This broadcast and technology class is responsible for the production of BDTV and multimedia projects. Students will use the broadcast studio and technology in the studio and labs to produce the daily news segment. They will do post and pre-editing using Final Cut X and the Adobe suites. They will complete a 10 project DVD portfolio.

ADVANCED MULTIMEDIA & TECHNOLOGY

Two Semesters: Grades 11-12

This class is offered periods 1-7. Students will work as interns in 4 areas:

1. Production of original films as part of the Performing Arts Collaborative
2. Broadcast planning and execution
3. Admissions, Advancement, Digital Yearbook and Networking
4. Live Sports and School events

They will work with school professionals developing content, equipment, engineering needs in all these areas.

GRAPHIC ART & TECHNOLOGY

Two Semesters: Grades 10-12

Fills year 2 Art or Technology requirements for STEAM students. This class prepares students in the areas of computer graphic art and internet multimedia production and content. Students will learn basic action script and html and use Photoshop, Illustrator, Flash and Dreamweaver to create web content and web sites, and other multimedia and print materials.

ADVANCED GRAPHIC ART

Two Semesters: Grade 10-12

Fills year 3 Art or Technology requirements for STEAM students. Students will work with the Adobe Suite to produce the school yearbook. In addition, they will also collaborate with the Advanced Multimedia class on projects and the Digital Yearbook production. They will work with the school advancement team to produce graphic art and publications for the school and the web.

DIGITAL SOUND PRODUCTION

Two Semesters: Grades 11-12

This course will provide an overview of the fundamental principles of sound and the factors that determine our audio perception. It will explore techniques of recording, mixing, processing, synthesis, sampling, analysis, and editing of digital audio using audio production software for Mac. Students will also learn an array of sound design and editing techniques for use in film and web-based media, art installations, soundscape creations, or live and internet music performances.

ADVANCED DIGITAL SOUND PRODUCTION

Two Semesters: Grades 10-12

In addition to building on the recording, mixing and editing skills developed in the Introductory course, students produce original scoring and sound effects for screenplays written and produced by the Performing Arts Collaborative.

INNOVATION & DESIGN

Two Semesters: Grades 9-12

As a part of the Business Collaborative this class partners with business courses to design products to bring to market. This course offers an introduction to iterative thinking and the design thinking process as well as introduces students to programming (using Python). The course aims to focus students on process-based and human-centered thinking and problem-solving.

Please note that all technology courses following Introduction to Multimedia & Technology will require instructor approval*

HISTORY/SOCIAL SCIENCE

Affiliated Faculty

Tom Crawford, J.D.

Rowena Cortina, M.A.

Caleb Davis, B.A.

AP HUMAN GEOGRAPHY

Two Semesters: Grades 9 or 10

The purpose of the AP Human Geography course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface . Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences . They also learn about the methods and tools geographers use in their research and applications. This rigorous course allows students to experience unique cultures, problem solve contemporary issues and broaden their world view.

HUMAN GEOGRAPHY

Two Semesters: Grades 9 or 10

This college preparatory course examines human geography as a social science, emphasizing the relevance of current geographic concepts that face humans today. Students comprehend the significance of time and place as variables in shaping culture and society, and evaluate a wide range of historical evidence across time periods. Students become geographers who describe the global distribution of people and activities and discover the historical context underlying them. The key topics covered are population growth and migration, cultural traits and beliefs, political issues arising from cultural diversity, industry and food supply, and settlements/urbanization. Students analyze the tensions between globalization and cultural diversity, connect human actions to global consequences, and develop solutions for real-world problems.

UNITED STATES HISTORY

Two Semesters: Grade 11

This course is an examination of the people, events, movements and institutions of American history from exploration to the present. It facilitates an understanding of what experiences and values we share with other people of other times and places and in what respects we are different. It serves as a background for understanding the diverse nation in which the students are to become responsible citizens. This course emphasizes the twentieth century and the events that helped to shape the students' country today.

AP UNITED STATES HISTORY/(H) CIVICS

Two Semesters: Grade 11

PREREQUISITE: Departmental Approval

AP American History is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in United States History. The program is equivalent to a full-year introductory college course, and prepares students for advanced college courses. Students learn to assess historical materials and to weigh the evidence and interpretations presented in historical scholarship. The course develops the skills necessary to arrive at conclusions and to present reasons and evidence clearly and persuasively in essay format. The AP exam is required of all students enrolled in the course. Summer reading is also required.

US GOVERNMENT

Semester 1: Grade 12

This course is designed to provide students with an understanding of the structure, development, and operation of our system of government. Foreign affairs are emphasized in the units dealing with the presidency and Congress. Special attention is given to contemporary issues and events which involve our government and its citizens. Students taking this course study the points of view and major concepts of political science, gain an understanding of the legal system, and develop an appreciation for ethical considerations. Students learn methods of solving problems, making decisions, and participating as effective citizens of the United States. Summer reading is required.

ECONOMICS

Semester 2: Grade 12

This course encompasses the study of the foundations of economics, focusing on theories of economics and key economic concepts, including supply and demand, inflation, unemployment, money, and components of market economy systems. Current events will illustrate the history and theory of economics.

AP UNITED STATES GOVERNMENT

Two Semesters: Grade 12

PREREQUISITE: Departmental Approval

This advanced course prepares students to take the AP Exam in American Government, while at the same time fulfilling the requirement for one semester of Economics. Emphasis is placed on developing a sound understanding of the American political system. Students also examine the fundamental principles of economics and their application to the American economic system and the world community. The AP exam is required of all students enrolled in the course.

PSYCHOLOGY

Two Semesters: Grades 10-12

This introductory course is designed to introduce students to the systematic study of the behavior and mental processes of human beings. Students learn about some of the explorations and discoveries made by psychologists over the past century. In addition, students assess some of the different approaches adopted by psychologists including the biological, behavioral, cognitive, humanistic, psychodynamic, and socio-cultural perspectives.

WORLD LANGUAGES*Affiliated Faculty*

Margarita del Campo, M.A.

Joy Elizondo, M.A.

Magdala LaLumandiere, M.A.

SPANISH I

Two Semesters: Grades 9-11

This course introduces basic Spanish vocabulary and grammar as a foundation upon which to build communication skills. It emphasizes the learning of thematic vocabulary, listening, reading, and writing skills. Students use Spanish in a variety of ways, both orally and in writing. Language is presented within the context of authentic cultural situations throughout the textbook, and communicative activities allow for the greatest participation by each student.

SPANISH II

Two Semesters: Grades 9-12

This course builds on the skills mastered in Spanish I with a greater emphasis on written texts. Students listen to and read authentic Spanish language materials to enhance their reading and comprehension skills. They also write various types of paragraphs to strengthen the writing skills begun in Spanish I. Communicative activities are again employed to practice the newly acquired language. Greater emphasis is placed upon the use of verb tenses and more complex grammar.

(H) SPANISH II

Two Semesters: Grades 9-12

PREREQUISITE: Departmental Approval

This course is a continuation of Spanish I, progressing at a more accelerated rate than Spanish II and covering additional grammar, vocabulary, reading, writing and conversational skills. The course is designed to prepare students for Honors Spanish III.

SPANISH III

Two Semesters: Grades 9-12

PREREQUISITE: Departmental Approval

This course is a review of first and second year material with more emphasis on literature and advanced grammar. There is additional opportunity for original writing and conversation.

(H) SPANISH III

Two Semesters: Grades 9-12

PREREQUISITE: Departmental Approval

This course is a continuation and review of work covered in Honors Spanish II, with an increased emphasis on oral proficiency, vocabulary building, more complex language structures, reading, writing, and literature. This course is for those students who plan to take the AP exam the following year.

MANDARIN CHINESE I

Two Semesters: Grades 9-12

Beginner level Mandarin Chinese course designed to develop students' basic knowledge of the Chinese language and entry-level language skills from listening, speaking, reading and writing. Students will learn to read and write using both simplified characters and Pinyin--the most commonly used Romanization system. By the end of the course students will have developed a competent pronunciation, communicate in predictable daily interactions, and understand basic grammatical structures. Classes have an additional aim of developing an awareness and understanding of Chinese culture. This class will cover lessons 1-24 of Discovering Chinese Pro by Better Chinese.

MANDARIN CHINESE II

Two Semesters: Grades 9-12

PREREQUISITE: Department Approval

Intermediate level Mandarin Chinese course designed to develop students' knowledge of the Chinese language and intermediate language skills from listening, speaking, reading and writing. Students will learn to read and write using both simplified characters and Pinyin--the most commonly used Romanization system. By the end of the course students will be able to (1) engage in rather fluent conversations about daily activities, (2) write compositions on subjects pertaining to daily life and personal experiences, (3) read and write over 500 new vocabulary words. Classes have an additional aim of developing an awareness and understanding of Chinese culture. This class will cover lessons 25-48 of *Discovering Chinese Pro* by Better Chinese.

VISUAL AND PERFORMING ARTS*Affiliated Faculty*

Judith Raimondi, M.Ed.

Leah Sodusta, B.A.

Linda Williams, B.A.

COLOR & DESIGN

Two Semesters: Grades 9-12

This course involves an investigation into the elements of art; line, texture, color, space, shape, volume. These are explored through a series of projects geared for individual responses to a given objective. Art history is an integral part of the progression and investigation. A variety of media is used with a concentration on developing drawing skills. The second semester expands into an exploration of a variety of media, clay studies, and various printmaking techniques, including silk screening and block printing. Students begin to discover which media best suit their artistic voice.

ART: CONTEXT & APPLICATION

Two Semesters: Grades 10, 11, 12

The course Context and Application will inform students of the various social, scientific, political and environmental influences inspiring significant art movements in order to comprehend art as communication. Students will practice the primary function of this course, which is to connect the Art students seek to understand, with the Art they make. Students will observe works from various eras, focusing on; prehistoric works, ancient Middle Eastern, Aztec, and Asian; European pre Middle Ages, Renaissance, Rococo, Pre-Raphaelite, Impressionism, Twentieth Century Modern, Social/ Political Realism, and Twenty-First Century Social/Street Art. Students will experience the media and tools of each era while exploring the use of appropriate materials. Students will learn about social and environmental conditions of the time that influenced the works examined. The principles of design and elements of art will be observed as students understand how they are utilized, and how the awareness of skills and use of materials developed through time.

PAINTING

Two Semesters: Grades 9-12

This course is an investigation into paint as a medium. Problem solving projects and study of various painting genres and techniques are addressed. Projects will vary, but will include painting from life and observation. Both acrylic and watercolor painting is practiced. The second semester continues the study of paint as a medium. Students experience both acrylic and watercolor painting.

CERAMICS

Two Semesters: Grades 9-12

This is an introductory course dealing with the elements of art as they apply to three-dimensional constructions in clay. The course covers basic building and joining techniques, firing processes and glazing. Individual development is encouraged. Evaluation is based on written work, tests, and studio work. Students have the opportunity to work on the potter's wheel.

AP STUDIO ART

Two Semesters Grades 10-12

PREREQUISITES: Departmental Approval

This is a rigorous college-level portfolio class that emphasizes quality of student work, concentration on a particular visual interest or problem, and breadth of experience in the artist's formal, technical, and expressive means. Students are taught to understand art as an ongoing process, investigate formal and conceptual issues, develop technical skills, and use critical thinking and decision-making skills. Portfolios are expected to show a fundamental competence and range of understanding in visual concerns and methods.

DRAMA

Two Semesters: Grades 9-12

As part of the Performing Arts Collaborative, students perform in films written, produced and scored by students in Creative Writing, Advanced Multimedia and Advanced Sound. The class explores each individual's creative powers through a series of exercises and theater games. Students investigate and appreciate various aspects of theater, such as dance, movement, voice characterization, and improvisation. In addition, each student participates in the spring production by directly being involved in an acting role, or by helping with set design, costume construction, or other technical theatrical aspects. As the course progresses, students are trained in speech and vocal development.

SCIENCES

The Sciences Division is comprised of mathematics, science, technology, health, and physical education. We are proud to offer a rigorous Sciences Program taught by highly qualified faculty with expertise in each of their disciplines. All courses are taught in alignment with the California Common Core State Standards and AP courses follow the College Board Advanced Placement criteria. Each course integrates a traditional teaching approach, discovery-based learning, hands-on modeling, inquiry-based activities, and real world applications of course content.

MATHEMATICS

Affiliated Faculty

Brianna Adam, B.A.
Natlee Hapeman, M.S.
Brett McGarry, B.S.

ALGEBRA AB

Two Semesters: Grade 9

Through the study of algebra, the student will develop an understanding of the symbolic language of mathematics and the sciences. In addition, algebraic skills and concepts are developed and used in a wide variety of problem-solving situations. Students communicate precisely about quantities, logical relationships, and unknown values through the use of signs, symbols, models, graphs, and mathematical vocabulary. Regular opportunities are provided for students to communicate through oral and written explanations of math concepts. Topics include inequalities in one variable, multiple variable equations, and solving and graphing linear equations.

ALGEBRA BC

Two Semesters: Grade 9-10

This course prepares students for their continuing study of algebra-based mathematics, especially Algebra II. Topics include quadratic equations and inequalities with multiple variables, systems of linear equations and inequalities, properties of exponents and radicals, and rational expressions and equations.

GEOMETRY

Two Semesters: Grade 9-11

PREREQUISITE: Successful completion of Algebra I and/or Department Approval

This is the study of Euclidean geometry, plane and solid, with emphasis on application and practical problems. Concepts include congruent triangles, parallel lines, quadrilaterals, circles, similar figures, the Pythagorean Theorem and special triangles, perimeter, area, volume, regular polygons, and right-triangle trigonometry. A system of logical thought is developed through basic geometric concepts and their application.

(H) GEOMETRY

Two Semesters: Grades 9-10

PREREQUISITES: Second Semester Grade of 90% or higher in Algebra 1 and/or Department Approval

An honors section of Geometry is offered, in which students apply the concepts of Geometry at a more advanced level and at a faster pace.

ALGEBRA II

Two Semesters: Grades 9-12

PREREQUISITE: Successful completion of Algebra I and Geometry and/or Department Approval

This is a second year course in Algebra, emphasizing linear, quadratic, polynomial, exponential, and logarithmic functions as well as complex numbers, solving systems of equations, and matrix algebra. Emphasis is placed on understanding key mathematical ideas and applying them to problem solving. Students will be introduced to graphing calculators and will use them extensively. Trigonometry is not covered in this course, however it is offered as a stand-alone semester course (see course listing for Trigonometry).

(H) ALGEBRA II/TRIGONOMETRY

Two Semesters: Grades 9-12

PREREQUISITE: Second semester grade of 90% or higher in Geometry, or 80% or higher in (H) Geometry and/or Department Approval, which may include a placement exam.

An honors section of Algebra II is offered, in which students apply the concepts at a more advanced level and at a faster pace. Additional content includes an introduction to conic sections, polar graphing, the unit circle, and trigonometric functions. Concepts will be reinforced with extensive use of graphing calculators.

PROBABILITY AND STATISTICS (PSTAT)

Fall Semester: Grades 10-12

PREREQUISITE: Successful completion of Algebra II or (H) Algebra II/
Trigonometry and/or Departmental Approval

This course explores random phenomena using probability including addition and multiplication rules, conditional probability and independence. Simulation of random behavior, discrete random variables and their probability distributions: expected value and standard deviation. Exploration of data through graphical and numerical displays including but not limited to graphical displays of distributions with univariate data (dot plot, stem plot, bar charts, histogram, frequency tables, relative and cumulative frequency), summarizing distributions of univariate data (mean, median, mode, standard deviation, range). Graphical comparisons utilizing back to back stem plots, parallel box plots, within group and between group variation, clusters, gaps, outliers, and shape will be discovered.

TRIGONOMETRY

Spring Semester: Grades 10-12

PREREQUISITE: Successful completion of Algebra II and/or
Departmental Approval

The trigonometry course introduces students to the both right triangle and circular trigonometry. Trigonometric functions and their inverses are studied thoroughly. Parametric and polar equations is also as well as complex numbers in both rectangular and polar form are also covered.

PRECALCULUS

(H) PRECALCULUS

Two Semesters: Grades 11-12

PREREQUISITE: Second semester grade of 90% or higher in Algebra 2, or 80% or higher in Trigonometry, and/or Department Approval.

This course is designed to prepare students for Calculus. Topics covered will include functions, logarithms, vectors, matrices, polar graphs and equations, sets, logic and trigonometry. Concepts will be reinforced with extensive use of graphing calculators.

CALCULUS

Two Semesters: Grades 9-12

PREREQUISITE: Departmental Approval

The college preparatory calculus course covers differentiation and integration techniques of basic functions. Applications of calculus are also included.

AP CALCULUS AB

Two Semesters: Grades 9-12

PREREQUISITE: Departmental Approval and/or Placement Exam.

This challenging and demanding course is for students who want to take the college equivalent of a semester's worth of calculus. Topics covered include differentiation and integration techniques, slope fields, and solids of revolution. The AP exam is required for all students enrolled in this course. Applications of calculus are also included. The AP exam is required of all students.

AP CALCULUS BC

Two Semesters: Grades 9-12

PREREQUISITE: Departmental Approval and/or Placement Exam.

This challenging and demanding course is for students who want to take the college equivalent of a year's worth of calculus. Topics covered include differentiation and integration, parametric, polar and vector functions, differential equations, Euler's method, L'Hôpital's rule, slope fields, hyperbolic functions, applications of integrals, improper integrals, polynomial approximations, series and Taylor series. The AP exam is required for all students enrolled in this course.

AP STATISTICS

Two Semesters: Grade 11-12

PREREQUISITE: Departmental Approval

This course is a college-level introduction to statistics that covers the following areas: exploration and interpretation of data (categorical, quantitative, univariate, bivariate), graphs to represent statistics (bar graphs, pie charts, histograms, ogives, scatterplots), normal distributions, sampling methods, experiments and design, simulations, probability, random variables, binomial and geometric distributions, sampling distributions and statistical inference. The AP exam is required for all students enrolled in this course.

SCIENCE

Affiliated Faculty

Heather Shafer, Ph.D

Matthew Bennett, M.Ed.

Tori Pool, M.Ed.

ASTRONOMY

Two Semesters: Grades 11-12

This is an advanced space science course focused on theoretical astronomy. Students will become familiar with the history, context, and current research of space exploration and technology. This course will introduce the theories and applications of astrophysics, planetary science, stellar astronomy, and physical cosmology. Necessary skills include problem solving, scientific notation, algebra, and geometry. This course includes a variety of lab work and activities that require critical thinking.

BIOLOGY

Two Semesters: Grades 9-10

This course is an overview of the fundamentals of biology. Students learn about the structure and biochemical processes of the cell, genetics and evolution, ecology, and organismal biology. Students read and write about complex processes and are introduced to laboratory skills, in particular use of the microscope and dissection of specimens. The course allows students make informed decisions regarding the biological issues that face society.

AP BIOLOGY

Two Semesters: Grades 11-12

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes - energy and communication, genetics, information transfer, ecology, and interactions. This course requires that 25 percent of the instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry based investigations that provide students with opportunities to apply scientific practices.

CHEMISTRY

Two Semesters: Grades 10-12

PREREQUISITE: Departmental Approval

This is a college preparatory class designed to introduce students to the nature of matter. The major topics presented in this course are nomenclature, chemical reactions, stoichiometry, atomic structure, periodicity, bonding, molecular geometry, phases of matter, equilibrium, thermodynamics and acid–base chemistry.

(H) CHEMISTRY

Two Semesters: Grades 10-12

PREREQUISITE: Departmental Approval

This is a higher level chemistry course where students attain a depth of understanding of fundamentals and competence in dealing with chemical problems. Quantitative differences between this course and the regular Chemistry course appear in the number of topics treated, the time spent on the course by students and the nature and variety of experiments done in the laboratory.

AP CHEMISTRY

Two Semesters: Grades 10-12

PREREQUISITE: Departmental Approval

This AP Chemistry course is designed to be the equivalent of the general chemistry course typically taken during the first year of college. For most students, the course enables them to undertake, as freshmen, second year work in the chemistry sequence at their institution or to register in courses in other fields where general chemistry is a prerequisite. This course is structured around the six big ideas articulated in the AP Chemistry curriculum framework provided by the College Board.

ENVIRONMENTAL SCIENCE

PREREQUISITE: Chemistry

This environmental science course allows students to develop an in-depth understanding of the chemical processes in the environment and the human impact on the environment building upon knowledge gained in college preparatory biology and chemistry. Students will understand the interconnection of the systems that comprise our environment and will grapple with the question of “what is sustainable?” Laboratory investigations will require students to apply

content knowledge as they design and implement experiments to investigate real-world environmental processes and conditions. Laboratory investigations will account for at least 20% of class time and will be mainly guided inquiry in nature. These experiments will occur in the chemistry lab, in the Bishop Diego garden, and in the environs of Santa Barbara. The main course content areas include the atmosphere, air pollution, ozone depletion, climate change, renewable and nonrenewable energy sources, energy storage, water resources and water pollution, and polymers, waste, and recycling.

HUMAN ANATOMY & PHYSIOLOGY

Two Semesters: Grades 11-12

PREREQUISITE: Departmental Approval

This lab course will cover the basic structure and functions of the human body and will require the ability to memorize and analyze large amounts of information about muscles, nerves, and joints, as well as the digestive, nervous, urinary, circulatory and sensory systems. Students will investigate topics through dissection labs.

PHYSICS

Two Semesters: Grades 11-12

PREREQUISITES: Successful completion of Algebra 2 or HATT and/or Department Approval.

This is a college lab course covering the principles of physics; motion, force, energy, conservation of mass and momentum, mechanics, celestial movement, waves, light and electromagnetism. The course uses technical analysis as well as equipment and devices to study mechanical, fluid, electrical and thermal energy systems.

(H) PHYSICS

Two Semesters: Grades 11-12

PREREQUISITES: Successful completion of Algebra 2 or HATT and/or Department Approval.

This is a college lab course covering the principles of physics; motion, force, energy, conservation of mass and momentum, mechanics, celestial movement, waves, light and electromagnetism. The course uses technical analysis as well as equipment and devices to study mechanical, fluid, electrical and thermal energy systems.

AP PHYSICS 1

Two Semesters: Grades 11-12

PREREQUISITES: Successful completion of Physics or (H) Physics and/or Department Approval.

This course provides a systematic introduction to the main principles of physics and emphasizes the development of conceptual understanding and problem-solving ability using algebra and trigonometry, but rarely calculus. This course includes a laboratory component. The course provides a foundation in physics for students in the life sciences, pre-medicine, and some applied sciences, as well as other fields not directly related to science. This course places emphasis on motion, force, energy, conservation of mass and momentum, mechanics, celestial movement, waves, light and electromagnetism. The course uses technical analysis as well as equipment and devices to study mechanical, fluid, electrical and thermal energy systems. The AP exam is required for all students enrolled in this course.

AP PHYSICS C: MECHANICS

One Semester

PREREQUISITE: Successful completion of Calculus, Physics and/or Department Approval.

AP Physics C: Mechanics is equivalent to the first semester of a calculus-based college physics class. The course covers topics in the following areas: kinematics; Newton's laws of motion; work, energy, power; systems of particles and linear momentum, impulse-momentum theorem; conservation laws; circular motion and rotation; and oscillations and gravitation.

AP PHYSICS C: ELECTRICITY & MAGNETISM

One Semester

PREREQUISITE: Successful completion of Calculus, Physics and/or Department Approval.

AP Physics C: E&M is equivalent to the second semester of a calculus-based college physics class. The course covers topics in the following areas: electrostatics, electric forces/fields, electric potential, capacitors; electric circuits, Ohm's law, current and resistance; magnetostatics, Ampere's law, Biot-Savart law; electromagnetism, Maxwell's equations,

PHYSICAL EDUCATION/HEALTH

Two Semesters: Grade 9

This course is intended to promote an appreciation for physical fitness and healthy lifestyles. Using a non-competitive environment for introduction to a variety of athletic and physical endeavors, students will learn and practice the components of physical fitness as well as skills associated with a number of sports. In the study of Health, students will have the opportunity to learn about physical, mental and emotional health, healthy relationships, self-esteem, stress management, nutrition, drugs and diseases.

CONDITIONING/WEIGHT TRAINING (BEGINNING AND ADVANCED)

One Semester: Grades 9-12

This course, open to both girls and boys, will involve weight training and cardiovascular development intended to enhance the students' ability to participate in competitive sports and/or recreational activities. Depending upon individual goals, students will regularly engage in training and/or power lifting techniques.

MISSION

The Mission Division welcomes students of all faiths and facilitates learning by educating students in the content and traditions of the Catholic faith, other world religions, and Scriptures in an ecumenical manner consistent with the school's stated philosophy and goals and the Bishops' directives for curriculum content. Coursework includes opportunities for the development of ethical living and leadership skills, and education in future life choices.

Along with providing a strong academic course of studies, the Mission Division is committed to encouraging students to share their time and talent through community service.

- To provide instruction that respects and fosters the faith journey of each student.
- To foster an understanding of the benefit of pursuing a lifelong engagement in one's faith.

THEOLOGY

Affiliated Faculty

Tim Flanagan, M.A.

Dan Peeters, M.Ed.

Andrew Sacksteder, B.A.

Jennifer Winnewisser, B.A.

REVELATION IN SCRIPTURE (FALL)

MISSION AND MINISTRY (SPRING)

Two One Semester Courses: Grade 9

Revelation in Scripture: The purpose of this course is to give students a general knowledge and appreciation of the Sacred Scriptures where they will come to encounter the living Word of God, Jesus Christ. They will learn its value to people, how to read the Bible, and its major sections, paying particular attention to the Gospels. **Mission and Ministry:** This course introduces students to the Mystery of Jesus Christ, the Living Word of God, and the second Person of the Blessed Trinity. The students will also learn who He calls them to be.

THE PASCHAL MYSTERY (FALL)

THE CONTINUING MINISTRY OF CHRIST (SPRING)

Two One Semester Courses: Grade 10

The Paschal Mystery: In this course, students explore the mission of Jesus Christ and God's covenant with His people. Students are taught to see the inherent value in God's creation, especially humanity which is created in the Imago Dei (the Image of God), and to consider the ways in which this perspective calls believers to follow the holy example of Jesus. The Continuing Ministry of Christ: The purpose of this course is to help students understand that in and through the Church, the Body of Christ, 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.

SACRAMENTS (FALL)

CHRISTIAN ETHICS (SPRING)

Two One Semester Courses: Grade 11

Sacraments: The purpose of this course is to help students understand that they can encounter Christ today in a full and real way 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. Christian Ethics: The purpose of this course is to help students understand that they can fully live out God's plan for their lives through Christ. Topics of inquiry include: just war theory, the justice system, the social contract and the effects of morality on an individual life. The expected learning outcome of the course is for students to be able to articulate how Christian ethics intends to promote personal growth, positive human relationships and humanity living in balance with the environment.

WORLD RELIGIONS (FALL)**LIFE CHOICES (SPRING)**

Two One Semester Courses: Grade 12

Meeting God: This course is designed to supply students with general knowledge of the various religions found throughout the world. A focus on their commonalities and differences provides students with a general overview of the topic. Life Choices: Students study three vocational paths: single life, religious life, and married life. Characteristics of healthy relationships within these paths and discussion of their theoretical and practical aspects will occur. Course topics include: psycho-social sexual development, interpersonal compatibility and the Christian approach to marriage, parenting and family life.

CAMPUS MINISTRY**CAMPUS MINISTRY**

Two Semesters: Grade 12

PREREQUISITE: Departmental Approval

This course guides students to be witnesses to the Christian community. Students explore three main areas of learning: personal spiritual growth, theological foundations of ministry and practical skill development. Students are placed into teams and plan and facilitate retreats and liturgical celebrations for the school community. One semester of grade 12 theology (Life Choices) is incorporated into the year-long course.

CHARACTER FORMATION PROGRAM

Character Formation and Student Conduct at Bishop Diego High School is designed to form students with the moral, ethical, emotional and social characteristics consistent with the school's Mission and Philosophy. In addition to enhancing personal growth, norms of student conduct are intended to ensure classroom environments maintain the order and security conducive to pursuit of academic excellence with a focus on the values of Respect, Perseverance, and Compassion.

HONOR SOCIETIES

STEAM SOCIETY

The STEAM Society at Bishop Diego High School is open to high achieving students interested in intentionally focusing their high school studies in the STEAM (Science, Technology, Engineering, Art, and Mathematics) disciplines. The ideal member is intrinsically motivated by the STEAM disciplines and is interested in pursuing a college major or post-graduate career in a STEAM field. The coursework is very rigorous and highly demanding with a balance of traditional instruction and project-based learning.

The three Educational Aims of the Society are:

1. Expose members to a broad and rigorous college preparatory curriculum that supports academic and career investigation.
2. Inspire members to explore the various applications of their interests in our multicultural society.
3. Connect members with industry experts who share their personal and professional interests.

Requirements for Maintaining Membership and Recognition at Commencement

- Must be on track with BDHS Graduation Requirements
- Must be on track to complete STEAM coursework
- Must maintain a cumulative GPA of 3.5 and a GPA of 3.7 in required STEAM courses
- Must maintain active participation in all STEAM Society events or other activities as determined by the School
- Must maintain a high level of maturity and character as defined by Christian moral conduct
- In 10th-12th grades, serve as a peer tutor for 10 hours per year (30 total)
- Presentation of an approved project in the Junior year
- Completion of Senior STEAM Symposium Project in the senior year

BISHOP SCHOLARS SOCIETY

The Bishop Scholars Society provides opportunities for gifted students to pursue the highest level coursework possible based on their individual needs and college goals. The Society is by invitation only and is under the direction of the C&SS Division, who works closely with these students to determine the appropriate course of study.

BSS Students are permitted and encouraged to:

- Have a modified schedule which will allow time for independent study and online coursework
- Enroll in SBCC and UCSB courses during the school day, where appropriate
- Enroll in upper division (junior and senior level) classes beginning in 10th grade, including AP classes
- Study independently for AP exams, in place of regularly scheduled classes, with the help of a teacher mentor

Students must meet the following criteria for admission to the BSS:

- Test scores (PSAT) in the 90th percentile in either Math or English
- 4.0 GPA
- Receive approval from the School, based on the following:
- Exemplifies positive attitudes
- Demonstrates academic initiative
- Is thoroughly dependable
- Is willing to uphold scholarship and maintain a loyal school attitude
- Takes criticism willingly and accepts recommendations graciously
- Consistently exemplifies desirable qualities of behavior
- Upholds principles of morality and ethics
- Cooperates by complying with school regulations
- Demonstrates the highest standards of honesty and reliability
- Observes instructions and rules and is punctual
- Has powers of concentration, self-discipline, and sustained attention

If the School determines that a student meets all the above criteria, the student will be invited to participate in the program and a meeting will take place with the student (and family) to determine a suitable schedule/course of study.

NATIONAL HONOR SOCIETY

Students in grades 10-12 with a 3.75 (minimum) GPA are invited to submit an information form which is used in the selection of members of NHS. In order to be selected as a member you must also fulfill certain criteria in the areas of leadership, service and character.

The leadership criterion is considered highly important for membership selection. Leadership may be interpreted as the number of offices a student has held in school or community organizations, although it is important to recognize that leadership also exists outside campus activities. Leadership may also be defined in less objective terms. Leadership roles in both the school and community may be considered, provided they can be verified.

Service is generally considered to be those actions undertaken by the student which are done with or on behalf of others without any direct financial or material compensation to the individual performing the service. In considering service, the contributions the candidate has made to school, classmates, and community, as well as the student's attitude toward service can be reviewed.

Character is probably the most difficult criterion to define. The Faculty Council considers the positive as well as the negative aspects of character. All judgments in this and other selection criteria should be free of speculation and rumor. A person of character demonstrates the following six qualities: respect, responsibility, trustworthiness, fairness, caring, and citizenship.

CALIFORNIA SCHOLARSHIP FEDERATION

The California Scholarship Federation is a statewide organization whose purpose is to recognize students who have demonstrated outstanding academic achievement. Qualifying for membership is on a semester basis following a point system that requires A's and B's in the most difficult classes. CSF is open to sophomores, juniors, and seniors. To become a lifetime member (Sealbearer), students must have qualified and made application for four semesters during their last three years of high school, including one semester in their senior year. To become a 100% Life Member, students must be in CSF all six semesters from sophomore to senior year. At graduation, CSF members receive a special seal on their diploma, a certificate, and a gold mantle.



4000 La Colina Road
Santa Barbara, CA 93110
805.967.1266
www.bishopdiego.org