

# 2016-2017 Bishop Kearney Course Catalog



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# *English Department*

## **English 6**

English 6 - Students are exposed to different genres through short stories and novel studies. The writing process is reinforced as well as literary elements, structure and style. Students also complete a rigorous vocabulary study as well as units on parts of speech. Reading, speaking, listening and writing skills are taught and reinforced throughout the year. Students keep a weekly personal Journal to help them see the growth in their writing skills.

## **English 7**

English 7 is a year-long course required for all 7th graders to help develop effective English language skills. In this class, there will be required reading, vocabulary, novels, and other sources along with informal and formal writing assignments, grammar assignments, vocabulary, and Test prep. Some of the major titles that we will cover in class are *Fahrenheit 451* and *Of Mice and Men*. Overall, students will become better readers and critical thinkers through interactive student centered learning.

## **English 8**

English 8 is a year-long course required for all 8th graders to help develop effective English language skills. In this class, there will be required reading, vocabulary, novels, and other sources along with informal and formal writing assignments, grammar assignments, vocabulary, and Test prep. Some of the major titles that we will cover in class are *To Kill a Mockingbird* and *The Diary of Anne Frank*. Overall, students will become better readers and critical thinkers through interactive student centered learning.

## **English I**

English I is a year-long course required for all 9th graders to help develop effective English language skills. In this class, there will be required reading, vocabulary, novels, and other sources along with informal and formal writing assignments, grammar assignments, vocabulary, and Test prep. During the final quarter all students will write a formal research paper. Overall, students will become better readers and critical thinkers.

## **English I H**

This college-preparatory course prepares students for high school AP courses in language and literature by further emphasizing students' skills in using and analyzing language. Students read and write more independently and seek to offer more in depth interpretations. Students will learn to think critically and write analytical papers designed to enable students to use elements of language effectively. Students continue an intensive study of vocabulary and learn the essential steps of the research process.

## **English II**

English II studies will include skill building in the tools of our language, i.e. vocabulary and grammar, analysis of both fiction and nonfiction in all genres, and the study of writing for analysis and communication with emphasis on the literary essay.



# *English Department*

## **English II H**

This college-preparatory course prepares students for high school AP courses in language and literature by further emphasizing students' skills in using and analyzing language. Students will build on the skills of language, vocabulary, grammar, and analysis of fiction and nonfiction. More emphasis will be placed on self-directed study, as well as argumentative skills, writing in a variety of modes, and, most specifically, the analysis and creation of sound rhetorical arguments.

## **English III**

English III is a course designed for 11<sup>th</sup> graders to develop and polish effective English language skills as well as prepare for both state exams and College Board exams. In this class, there will be required reading—textbook, novels, and other sources—along with informal and formal writing assignments, grammar assignments, vocabulary, and Test prep. The year culminates in the comprehensive English Regents exam and preparation for their first SAT and/or ACT exam for college. Therefore, one requirement will be to have/purchase an SAT prep book.

## **English IV**

Studies in English IV will range from the investigation and analysis of literature to the study of writing in all its forms to the rules for your system of language and how to use it most effectively for communication. Therefore, we will study college prep writing (narrative forms, expository forms, and research forms) as well as the tools to produce successful pieces (yes, this means grammar and vocabulary), literature, and oral communication. The final exit outcome is a research project of merit following the guidelines of formatting and citing using MLA specifications.

## **AP Language**

Advanced Placement (AP) Language and Composition. The purpose of this full-year course of study is to enable students to read complex texts with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers. It will accomplish this goal by developing the interpretive skills of students as they learn to read and write with increasing sophistication. Pre-requisite: Recommendation of Instructor.

## **AP Literature and Composition**

Advanced Placement (AP) Literature and Composition. This course is a college-level examination of literature and its interpretation and analysis, in both written and oral form. Each quarter students will examine units of short stories, poetry, Shakespearean Drama, and modern drama. Students should be comfortable reading a large volume of literature, writing frequent essays about these works, and discussing their interpretations with the class.

Pre-requisite: Recommendation of Instructor.



# *English Department*

## **Film as Literature**

Film as Literature (1/2 Unit) Students will explore American cinema and its importance as an impacting force and reflection upon American identity. Students will be provided with an overview of the history of American Cinema as well as opportunities to analyze film using literary and cinematic terms; thus this course will also be writing intensive.

## **Creative Writing**

Creative Writing (1/2 Unit) Students will have an opportunity to express themselves in various styles of poetry, short stories, and creative essays. This class is structured as a workshop in which students engage in peer editing techniques and constructive criticism of each other's works.

# *Mathematics Department*

## **Math 6**

(Grade 6: Full Year)

Level: Non-Regents

Students will continue their studies of addition, subtraction, multiplication, and division including use of multi-digit whole numbers, fractions and decimals, as well as number lines, integers, patterns, and sequences. Ratios, proportions, and percentages will be introduced, along with the concepts of expressions and equations.

## **Math 7**

(Grade 7: full year)

Level: Non-Regents

Students will continue their studies of: expressions and equations, ratios and proportions, as well as the use of percentages. Geometry topics, as well as some statistics and probability will also be introduced. Mastery of basic facts, as well as the ability to accurately add, subtract, multiply and divide whole numbers, decimals, fractions and integers is necessary.

## **Math 8**

(Grade: 8: full year)

Level: Non-Regents

Prerequisite: successful completion of 7<sup>th</sup> grade math

This course prepares students for the year-long Algebra 1 course in high school (grade 9). The focus of this course is building the foundation necessary for success in the study of algebra. The instruction will concentrate on the following NYS content strands: the number system, expressions and equations, functions, geometry principles as applied in Algebra, and an introduction to bi-variate statistics.

## **Algebra**

(Grade(s): 8, 9: full year)

Level: Regents

Prerequisite: successful completion of 8<sup>th</sup> grade math, (8<sup>th</sup> grade – departmental recommendation)

This is the first course in the three-year Regents mathematics sequence. The course will employ an integrated approach to the study of mathematics and is aligned to the NYS content strands of: **Number Sense and Operations, Algebra, Geometry, Measurement and Statistics and Probability**. Throughout, an emphasis on reasoning and problem solving to address real-life connections/applications will be stressed, as well as developing the ability to effectively communicate results and their meaning. Instructions will be enhanced by the use of technology, including the graphing calculator. \*\* Local exam given in June

# *Mathematics Department*

## Geometry

(Grade(s): 9, 10: full year)

Level: Regents

Prerequisite: Algebra

Geometry is the second course in the three-year Regents sequence in Mathematics. In this course, students have the opportunity to make conjectures about geometric situations and prove in a variety of ways, both formal and informal, that their conclusion follows logically from their hypothesis. This course employs an integrated approach to the study of geometric relationships and properties of geometric figures. Congruence and similarity of triangles will be established using appropriate theorems. Transformations including rotations, reflections, translations, and glide relationships and coordinate geometry are used. Properties of triangles, quadrilaterals, and circles receive particular attention. Students will use tools of compass and straightedge as well as geometry software to assist in these investigations. Throughout the course, algebra is entrenched to maintain and expand algebraic skill for future mathematical study. \*\* Local exam given in June

## Geometry A

(Grade 10: full year)

Level: non-Regents

Prerequisite: Algebra (75% average or below)

Geometry is the second course in the three-year sequence in Mathematics. In this course, students have the opportunity to make conjectures about geometric situations and prove in a variety of ways, both formal and informal, that their conclusion follows logically from their hypothesis. This course employs an integrated approach to the study of geometric relationships and properties of geometric figures. Congruence and similarity of triangles will be established using appropriate theorems. Transformations including rotations, reflections, translations, and glide relationships and coordinate geometry are used. Properties of triangles, quadrilaterals, and circles receive particular attention. Students will use tools of compass and straightedge as well as geometry software to assist in these investigations. Throughout the course, algebra is entrenched to maintain and expand algebraic skill for future mathematical study.

\*\* Local exam given in June

## Algebra 2/Trigonometry

(Grade(s): 10, 11; full year)

Level: Regents

Prerequisite: Geometry

Algebra 2/Trigonometry is the enriched third year course in the three-year advanced sequence in Mathematics, leading to the Algebra 2/Trigonometry exam that students will challenge in June to build a math sequence for graduation and earning an Advanced Distinction Regents diploma. The course will employ an integrated approach to the study of mathematics and is aligned to the NYS content strands of: **Number Sense and Operations, Algebra, and Statistics and Probability**. Both two- and three- dimensional models will be explored. Throughout, an emphasis on reasoning and problem solving to address real-life connections will be stressed, as well as fostering the ability to effectively communicate results. Graphing calculators are required.

\*\* Algebra 2/Trigonometry Regents exam given in June

## *Mathematics Department*

### **Algebra 2**

(Grade(s): 11, 12: full year)

Level: non-Regents

Prerequisite: Geometry

This is an analytical third course in the high school sequence in mathematics that will incorporate specific targeted skill development along with content development. This course is designed for students who have demonstrated significant gaps in mathematics on both standardized tests and previous math courses. The goal of this course is to enhance a student's opportunity to improve their mathematical skills and meet all math requirements to earn a Regents diploma. \*\* Local exam given in June

### **Pre-Calculus**

(Grade(s): 10, 11, 12: full year)

Prerequisite: Algebra 2/Trigonometry (85% average or higher)

This course will prepare the serious math/science student for Calculus. The content will focus on polynomial and rational functions, exponential and logarithmic functions, and trigonometric functions. Additional topics may include advanced algebra, vector analysis, polar coordinates, and conic sections. Students will become proficient in solving problems both with and without graphing calculator technology. A graphing calculator is required for this course. \*\* Local exam given in June

### **AP Calculus AB**

(Grade: 11, 12: full year)

Prerequisite: Pre-Calculus (85% average or higher)

Calculus AB is primarily concerned with developing the students' understanding of the concepts of calculus and providing experience with its methods and applications. The course includes the study of topics in differential and integral calculus as outlined in the College Board Advanced Placement Calculus syllabus. The course emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed graphically, numerically, analytically, and verbally. Students will take the Advanced Placement exam in Calculus AB in May (fee required). A graphing calculator is required for this course.

### **Multivariable Calculus**

(Grade 12: full year)

Prerequisite: Achieve a score of 3, 4, or 5 on AP Calculus Exam

This course covers vector and multi-variable calculus. Topics include vectors and matrices, parametric curves, partial derivatives, double and triple integrals, and vector calculus in 2- and 3-space. As its name suggests, multivariable calculus is the extension of calculus to more than one variable. That is, in single variable calculus you study functions of a single independent variable. This course is recommended for students who are interested in pursuing mathematics or engineering majors in college.

### **College Algebra**

(Grade(s): 11, 12: full year)

Prerequisite: Algebra 2/Trigonometry

This course will use an intensive approach to the study of algebra, functions, trigonometry, conic sections, statistics and probability, and series of sequences. An emphasis is placed on rigorous preparation for the demands of Pre-Calculus and college-level mathematics courses. A graphing calculator is required for the course. \*\* Local exam given in June



# *Mathematics Department*

## **Math 4**

(Grade(s): 11, 12: Semester)

Prerequisite: Algebra 2

Math 4 is a course that will provide college bound students with a basic understanding of mathematical skills.

Topics include: **Problem Solving, History of Math, The Real Number System, Measurement, and Consumer Mathematics** \*\* Local exam given at end of semester.

## **Introduction to Statistics**

(Grade(s): 11, 12: Semester)

Prerequisite: Algebra 2

Introduction to Statistics is a course that will provide college bound students with a basic understanding of statistical skills and real-world applications. This course is designed to be taken during the same year as Math 4.

\*\* Local exam given at end of semester.



# *Science Department*

## **Introduction to Science**

(Grade 6: Full Year)

This course is designed to introduce our youngest students to scientific concepts and skills. A variety of topics are covered in order to fully integrate all of the science skills necessary for success in later years.

## **Science 7**

(Grade 7: Full Year)

This course is an introduction to physical science offering a variety of content in the areas of chemistry and physics. It is designed to offer the students exposure to the information and skills required in the upper level physical science courses. Skill-based learning is stressed at this level to instill in our students the laboratory competence integral to success in science.

## **Science 8**

(Grade 8: Full Year)

This course is an introduction to life science with a focus on living organisms, their structure and their habitats. It is designed to introduce the topics in biology with a focus on content in skills required in the living environment course offered at the high school level.

## **Introduction to Scientific Inquiry**

(Grade 9: Full Year)

This course is designed to establish strong scientific skills fostering scientific literacy among our students. ISI will focus on the “*hows*” of science; teaching students how to hypothesize, how to design an experiment, how to present and analyze data, how to make appropriate inferences from data, how to concisely and effectively summarize their findings and how to present their information in a professional and comprehensible fashion. Students will explore a variety of topics in the fields of Earth Science, Chemistry, Physics and Biology through experimentation and research.

## **Earth Science (Honors/Regents)**

(Honors level: Grade 9; Regents level: Grade 11 or 12, Full Year)

This course explores the planet earth, its changes and its place in the solar system. EARTH SCIENCE can be divided into four major branches: geology, the study of the solid part of the earth; meteorology, the study of the atmosphere; plate tectonics, the study of the movement of the earth’s crust; astronomy, the study of the universe and the earth’s position in it. This course has a weekly laboratory requirement. Upon conclusion of the course students take the New York State Regents exam in EARTH SCIENCE.

## **Biology (Honors/Regents)**

(Honors Level Grade 9; Regents Level: Grade 10; Full Year)

This course follows the Regents syllabus for BIOLOGY, which encompasses seven units. The fundamental principles of BIOLOGY are introduced. Topics include: cell structure, genetics, human physiology, ecology, animal and plant maintenance and evolution. This course requires a double period laboratory once a week. In the lab, cells structures of organisms and their anatomy will be examined.



## *Science Department*

### **Chemistry (Regents)**

(Grade 11, Full Year)

This course follows the Regents syllabus for CHEMISTRY. The fundamental principles of CHEMISTRY are introduced. Topics include: matter, the study of the atom, the Periodic Table, bonding, kinetics, nuclear chemistry, electro-chemistry and an introduction to organic chemistry. The course requires that students complete a laboratory experience once a week during SAP.

Pre-requisite: Successful completion of: BIOLOGY, EARTH SCIENCE and ALGEBRA I Regents exams.

### **Physics (Regents)**

(Grade 12, Full Year)

This course follows the Regents syllabus for PHYSICS and introduces fundamental principles of PHYSICS. Topics include optics, energy and work, heat, light, sound, motion, electricity, magnetism, atomic and nuclear physics. Students will complete a laboratory experience once a week during SAP. This course requires an enthusiasm for the subject matter as well as a willingness and dedication to be successful.

Pre-requisite: Successful completion of Regents exams in Chemistry and Algebra II.

Co-requisite: Pre-calculus or Calculus

### **Biotechnology**

(Grades 11 and 12, Semester)

This course will provide students with an understanding of biotechnology and its implications in the real world. The hands-on nature of, and critical thinking required for this course, will assist students in developing college and career readying skills necessary in a globally competitive world. This course is geared towards students with an interest in pursuing careers in laboratory sciences.

Pre-requisite: Successful completion of Regents Biology. This course can be taken concurrently with Regents Chemistry or Physics.

### **Astronomy**

(Grades 11 or 12, Full Year)

This course is an introduction to our universe; the constellations, planets and galaxies that comprise it. Weekend and/or evening field trips and projects may be offered to enrich the course work.

### **Environmental Science**

(Grades 11 or 12, Semester)

This course is an introduction to our environment; emphasizing man's interaction with it. The students will gain insight into the factors affecting the global ecosystem and man's impact on them through discussion and hands-on experiences.

Pre-requisites: None

### **Marine Biology**

(Grades 11 or 12, Semester)

The course would include topics that fall under the heading of ocean ecology, a very prevalent modern issue, and how the ocean impacts humans as a species (and vice versa). Special attention will be given to learning about selected Marine species, such as the sea turtle and the North Atlantic Right Whale, the rarest of the great whales. This will be an inquiry-based course, sponsored by the Ocean Society's Marine Education Program.

## *Science Department*

### **Nature's Fury**

(Grades 11 or 12, Semester)

Nature's fury is a one semester science elective that explores the myriad of natural disasters that can and do occur on our planet. The causes and predictability of, as well as responses to, each type of natural disaster will be discussed. Volcanic eruptions, earthquakes, tsunamis, tornadoes, hurricanes, floods, mud and rock slides, avalanches and wild fires will be among the natural disasters presented throughout this course.

### **Meteorology**

(Grades 11 or 12, Semester)

Meteorology is a one semester science elective that will attempt to provide insight into the physical laws or relationships that determine the state of the atmosphere. Students will become familiarized with the terminology of meteorology as well as the instruments utilized in the field. Practical applications such as interpreting weather information, predicting future weather patterns, analyzing the impact of human activities on the weather and methods of modifying the weather will be presented.

### **Forensic Science**

(Grades 11 or 12, Semester)

This course explains the science used in forensic science techniques, providing a description of types of evidence, and the techniques used in collecting and analyzing evidence produced during a crime. Topics presented include: crime-scene investigation, and the collection, handling and analysis of: trace evidence (hair, soil, pollen, and glass), fingerprints, blood and blood spatter, DNA, handwriting, impressions, ballistics and skeletal remains. In addition, students will learn how time and cause of death are determined.

### **Evolutionary Biology**

(Grades 11 or 12, Semester)

Evolutionary biology is a subfield of biology concerned with the study of the evolutionary processes that produce the diversity of life on Earth. This course will explore the mechanisms involved in the descent of species, and the origin of new species, as well as population genetics and human ancestry.

### **Science of Science Fiction**

(Grades 11 or 12, Full Year)

This course explores science fiction short stories, novels and films, not as a critical analysis of their artistic merit, but rather of the hard science which propels the story. The science in science fiction is, at times, portrayed accurately and imaginatively. Other times, it shamelessly violates the basic laws of science. Both representations will be examined. The validity of the science, good and bad will be explored. Topics for discussion will include space travel, invisibility, robotics, the effects of radiation, time travel, aliens, re-animation, teleportation, the possibilities of cloning, miniaturization, genetic engineering, nuclear energy and much more.

### **Human Anatomy**

(Grades 11 or 12, Full Year)

This course is an upper level science elective that provides an in-depth extension of biology with an emphasis on the systems of the human body. Weekly forums will allow for discussion of current health issues.

Pre-requisites: Successful completion of Regents exam in Biology.



# *Science Department*

## **Principals of Engineering**

(Grades 11 or 12, Full Year)

This is a course designed to expose students to the principals and processes of electrical, mechanical and structural engineering with an extensive laboratory focus. This course is geared towards juniors and seniors with an ability to work independently, an ability to think critically and creatively and a willingness to work after school and on weekends as may be required by the instructor. Students will be admitted to this course by science department approval only.

## **Advanced Placement Biology**

(Grade 11, Full Year)

This is a full-year college course with extensive inquiry-based laboratory experiences designed for the student with an interest in pursuing the life sciences on the college level. Students will be exposed to a myriad of topics ranging from advanced analysis of the cell and its structures to an in-depth exposure to human genetics.

Pre-requisite: Limited to 15 students achieving 85+% on the Regents exam in Biology and recommendation from the department chairperson.

## **Advanced Placement Chemistry**

(Grade 12, Full Year)

This is a first year, college level chemistry course designed for students with an interest in science and a desire to pursue chemistry on the college level. The course will cover all major topics on general and physical chemistry, including the gas laws, stoichiometry, acids and bases, equilibrium, and electrochemistry. This course is demanding in both time and effort, and should be approached only by those dedicated to hard work.

Prerequisites: Limited to student achieving a grade of 80+% on the Regents Chemistry Exam. Taking Physics concurrently with A.P. Chemistry is recommended, though not required.

## **Advanced Placement Physics**

(Grade 11 or 12, Full Year)

This is a first year, college level physics course designed for students with an interest in pursuing a degree in physics or engineering. This course will cover all major topics on general mechanics and electronics. This course is demanding in both time and effort and should be approached only by those students dedicated to hard work. Prerequisites: Limited to students achieving a grade of 80+% on the Regents Physics exam.

Taking AP Physics concurrently with another Regents science course is permitted.

## *Social Studies Department*

### **Eastern Hemisphere**

(6<sup>th</sup> grade; full year)

The grade 6 social studies program emphasizes the interdependence of all people, keying on the Eastern Hemisphere. Students draw on specific examples of nations and regions in the Eastern Hemisphere chosen by the instructor. Lessons also compare and contrast this specific information with similar data from the United States, Canada, and Latin America. The course focuses on a social science perspective emphasizing the interaction of geography and economics. Geography and economics are used to develop and draw relationships and understandings about social/cultural, political, and historic aspects of life in the Eastern Hemisphere.

### **United States and NY History**

(7<sup>th</sup> and 8<sup>th</sup> grade; two full years)

Social studies content in grades 7 and 8 focuses on a chronologically organized study of United States and New York State history. Course content traces the human experience in the United States from pre-Columbian times to the present, and tying political, geographic, economic, and social trends in United States history to parallel trends and time frames in New York State history. Students will study and explore the units of study within a two-year time frame.

### **Global I**

(9<sup>th</sup> grade; full year)

This course will focus on the study of Europe, Africa, South Asia, East Asia, Southeast Asia, the Middle East and Latin America. Each area will be studied up to 1750, and will be developed around the geographic/historic setting, the dynamics of change, contemporary nations and cultures, economic development, and its place within a global context. This is a one year course.

### **Global II**

(10<sup>th</sup> grade; full year)

This course is an inquiry into the historical and cultural development of Western Europe, Eastern Europe and the former Soviet Union, and the Middle East. In addition to focusing on the categories identified in Global History and Geography 9, it will place emphasis on the classical, medieval, transitional, and modern periods including a global perspective. The course concludes with the NYS Global History and Geography Regents exam.

### **US History and Government**

(11<sup>th</sup> Grade; full year)

This course consists of an in-depth study of the Constitution and American Government followed by a brief study of early American events. It continues with a study of the post-Civil War United States (circa 1865 - present) with a major emphasis on the Industrial and Post-Industrial society of today. The course concludes with the NYS U.S. History and Government Regents exam.



## *Social Studies Department*

### **Participation in Government**

(12<sup>th</sup> Grade; 1 semester)

This course provides students with experiences to study individual rights provided to them by the United States Constitution and other related laws. Students will deal with the direct and indirect effects the government has on their everyday lives, what rights you possess as an American citizen, and what responsibilities each citizen has to their government on the local, state and national levels. Students will also examine the basic ideals of our global economy and what effects these ideals have not just on our government, but also on our everyday lives. Other relevant topics included in this course are elections / voter registration process, United States foreign policy, and social issues that concern young adults and all Americans.

### **Economics**

(12<sup>th</sup> grade; 1 semester)

Economics is a one-semester required course for students in Grade 12 that addresses essential concepts necessary for students to completely and effectively participate in a complex global society. Content encompasses both microeconomic and macroeconomic principles. Key elements include the study of scarcity, supply and demand, market structures, the role of government, national income determination, money and the role of financial institutions, economic stabilization, and trade. Students use knowledge and critical-thinking skills learned in previous social studies courses to analyze issues and problems and contemporary economic systems. They examine consequences of public policies and their impact on a free market economy.

### **AP World History**

(10<sup>th</sup> grade; full year)

The AP World History course focuses on developing students' understanding of world history from approximately 8000 B.C.E. to the present. The course has students investigate the content of world history for significant events, individuals, developments, and processes in six historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past.

### **AP US History**

(11<sup>th</sup> grade; full year)

This course will provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials—their relevance to a given interpretive problem, reliability, and importance—and to weigh the evidence and interpretations presented in historical scholarship. An AP U.S. History course should thus develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format.

## *Social Studies Department*

### **AP Government**

(12<sup>th</sup> grade; full year)

This course will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. government and politics. While there is no single approach that an AP United States Government and Politics course must follow, students should become acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes. Certain topics are usually covered in all college courses. The following is a discussion of these topics and some questions that should be explored in the course.

### **Criminal Justice**

(11<sup>th</sup>-12<sup>th</sup> grade; one semester)

Students learn the principles of the criminal justice field, the many criminal justice agencies, and federal, state and local laws. The course of study includes: historical perspective of American police agencies, with an emphasis on California law enforcement; philosophy of the origins of crime and the social impact on society; development of the criminal justice system, current trends and their relevance to local and state law enforcement; hiring and testing processes for positions in law enforcement; laws of arrest, search and seizure laws; court process; penal and vehicle codes - what constitutes a crime; child abuse and related offenses; drug and alcohol abuse and related offenses.

### **Crimes against Humanity**

(11<sup>th</sup>-12<sup>th</sup> grade; one semester)

This course will introduce students to the theories about genocide and ethnic cleansing. We will consider the origins of these concepts, attempt to define them, and think theoretically and comparatively about them, drawing from a wide variety of academic disciplines. Using legal, philosophical, historical, sociological, gendered, political, economic and diplomatic perspectives, we will build a well-rounded understanding of genocide and ethnic cleansing. Time will also be devoted to the psychology, morality, and representation of mass killing. We will examine why people perpetrate genocide, and the morality of being a bystander/witness.



# *Religion Department*

## **Religion 6**

Religion 6 focuses on the study of the Old Testament, with special emphasis on Salvation History. A focus on the lives of the saints, peacemakers and observance of the liturgical calendar is also included.

## **Religion 7**

Religion 7 focuses on the study of the New Testament with special emphasis on the themes of the Gospels and Letters. Students also explore the origins and parts of the Roman Catholic Mass as well as an in-depth study of the seven sacraments.

## **Religion 8**

Religion 8 focuses on issues of morality and leading a virtuous life. Students also explore what prayer is, as well as the different ways to pray. An overview of church history rounds out the year.

## **Roman Catholicism -- 9<sup>th</sup> Grade**

Roman Catholicism teaches students to navigate the Bible and learn basic critical analysis skills by focusing on salvation history as it is presented through the interaction between God and His covenant relationship with the Israelites. The students will come to understand that Jesus is the fulfillment of salvation history with the introduction of the early Christian Church and its leaders.

## **Christian Scriptures -- 10<sup>th</sup> Grade**

This course builds on the skills and concepts taught in Christian Scriptures by focusing on the nature and work of Jesus through developing an understanding of divine revelation, the Trinity, the Incarnation and the lesson Jesus teaches through his Earthly ministry, relationships with others, and discipleship as a response to God's love. Christian Scriptures also introduces the key theological beliefs of the Catholic faith by focusing on what Catholics believe; how the sacraments celebrate our beliefs, and our call to lead a life in Christ through living a moral life and prayer.

## **Catholic Morality – 11<sup>th</sup> Grade**

In this class, a synopsis on moral issues is presented: conscience, commandments, war and peace, forgiveness, dealing with drug issues, sin, dealing with the poor, abortion, and euthanasia. A guide for the moral life of young people in the direction of Christian values and vision is the foundation of this course.

## **Social Justice –12<sup>th</sup> Grade**

Social Justice, a full year religion course, examines the rich teaching of the Roman Catholic Church on social issues. Societal structures and institutions are examined and analyzed as they affirm or distort Gospel values. This course examines controversial social issues, from the perspective of the Consistent Life Ethic and Catholic social teaching, including abortion, infanticide, euthanasia and physician-assisted suicide, the death penalty, poverty and economics, racism, sexism, ageism, and pacifism and other peace-related issues.

## ***Fine Art Department (Art, Music, Theatre)***

### **Art 6**

In 6th grade, students think creatively and explore several big ideas through creation of art. Projects include both realistic creations and imaginative artwork, and media practice such as drawing, colored pencils, painting, and clay sculptures. Artwork references big ideas related to nature, ecology, and the history of Rochester and the surrounding community.

### **Art 7**

In 7th grade, students think creatively and explore all types of artwork. Projects include both realistic creations and imaginative artwork, and media practice such as drawing, colored pencils, painting, and clay sculptures. Artwork references themes such as identity and community, and uses examples from artists from all ages and areas of the world.

### **Studio in Art**

Grades: 8-12

As the foundation of all other HS art courses, Studio in Art you will gain a broad understanding of art and its many facets including art theories and techniques as well as ways to critique and appreciate artwork through both a contemporary and historical lens. You will use direct observation, imagination, and personal experiences as inspiration for your own artwork in a variety of materials and processes. For planning original works, you will record visual ideas about your environment and experiences in a sketchbook.

### **Studio in Art II**

Grades: 9-12

Prerequisite: Studio in Art

You will continue to work in a broad range of materials and processes, both 2-D and 3-D to assess where your strengths are and capitalize on them. You will continue to analyze contemporary and historical artworks for insight on your own original designs with a guided trip to the Memorial Art Gallery. You will use direct observation, imagination, and personal experiences as inspiration for your own artwork in a variety of materials and processes. For planning original works, you will record visual ideas about your environment and experiences in a sketchbook.

### **Studio in Art III**

Grades: 10-12

Prerequisite: Studio in Art II

As an upper level art class, you will build on your skills of drawing, painting, and sculpture to begin to form your own artistic style. In this class, you will complete a portfolio in art that can be distributed to colleges that will include projects assigned in class as well as projects you design yourself. You will use direct observation, imagination, and personal experiences as inspiration for artwork in a variety of materials and processes. Your ideas will be explored through sketchbook ideas, still lifes, models, perspectives, landscapes, portraits, self-portraits, and abstractions. You will be able to develop your own interests and artistic themes by making multiple artworks of your own choosing.

## ***Fine Art Department (Art, Music, Theatre)***

### **Graphic Design**

Grades: 9-12

Prerequisite: Studio in Art

Ever wonder how advertisements, cds and posters, and magazines are developed and designed? Through the use of Photoshop, Illustrator, and 2-D materials, students will learn to think critically, make aesthetic judgments, and become familiar with a variety of tools and techniques used to produce professional work in the fields of graphic design, advertising, and illustration. This course introduces the basic principles and elements of graphic design, the history of graphic design, form/symbol development, typography, and color theory through studio-based projects focusing on visual culture.

### **Yearbook**

Grades: 10-12

Yearbook is a fun but challenging class that gives students marketable experience in print media publishing. This course works toward the completion and selling of a large finished product, Bishop Kearney's yearbook. Yearbook class is different from every course taught at this school in that it is a real business maintaining an account with deadlines set by our publisher. In class, students compose, construct, and edit all elements of computerized text layout, graphic art, and digital photography.

### **General Theater**

Grades: 6-12

Introduction to Theater provides opportunities for students to explore theater skills and techniques. Students will learn the fundamentals of theater through projects, including the creation and performance of short scenes and ensemble acting. Additional studies will include technical theater and theater critique. No prior experience necessary. Students interested in performance, public speaking, critical thinking and communication skills encouraged to enroll.

### **General Theater II**

Grades 9-12

Students who have completed General Theater I. This course focuses upon intermediate and advanced theater topics designed to build upon the skills developed in Introduction to Theater. The focus of this semester is on the scripted word, and how the actor interprets and presents the words of others on stage. Major projects include script writing, performance, commercials, and production

### **Scenic Design**

Grades: 9-12

Scenic design focuses on theatre as a visual art. Students learn to create visual metaphors. Students apply visual research to the creation of a scenic environment.

### **General Music 6**

Builds on musical skills learned in past elementary music classrooms. Students experience music making and problem solving in various scenarios using a variety of instruments including, percussion, piano, and voice.



## ***Fine Art Department (Art, Music, Theatre)***

### **Basic Musicianship I & II**

Grades 8, 9 – 12

Basic Musicianship is a quick overview course into the workings and performance of music. Students will get hands on experience in learning the language of music through introductory lessons on piano, guitar, and percussion instruments. In addition, students will learn the importance of music in our everyday lives through various listening activities.

### **Sound Recording I & II**

Grades 9 – 12

The goals of the sound recording class include gaining a critical understanding of, and hands-on experience with, the equipment and practices of modern recording techniques and audio production. Students will also develop practical and creative approaches to creating, processing, and mixing recordings. At the conclusion of the course students will be able to understand the historical, aesthetic, and social contexts of audio recording. Pre-requisite is Basic Musicianship

### **Band**

Grades 7 – 12

The goal of the performance ensembles at BK is to give students opportunities to play a variety of styles of music on a variety of instruments through formal and informal performances, class and individual music instruction, to learn teamwork and their role in the group, and above all, have fun making music with others. The BK Band is open to all instrumentalists' grades 7-12 and is a full credit ensemble (eligible for 1 full arts credit). We work on basic ensemble musicianship and cover all styles of music from jazz to classical to rock and beyond.

### **Folk Group**

Grades 7 – 12

This group is set up to invite interested students to take lessons on traditional folk instruments (banjo, mandolin, tin whistle, etc.) and give them an opportunity to play traditional music from Ireland, England, and North America. It is a full credit ensemble, as students are eligible for 1 full arts credit. Singers are encouraged to join.

## **LOTE Department (Languages Other Than English)**

### **Spanish I**

Grades 9-12

Spanish I introduces students to speaking, listening, reading, and writing the Spanish language and to the culture of its speakers. Correct pronunciation, vocabulary and spelling are taught and practiced. The ability to form simple sentences, answer questions, do simple reading and compositions are developed from the very beginning of the course. Students learn to express themselves in the present, past and future tenses. Frequent quizzes, tests and homework are given; and oral presentations are made by each student throughout the year.

### **Spanish II**

Grades 9-12

Spanish II continues to develop the language skills of speaking, listening, reading, and writing, including the opportunity for oral expression and expanded study of verbs and grammatical structures, reading for comprehension, and writing of short paragraphs. The culture of native Spanish-speakers is studied via cultural reading passages in Spanish and the use of music and films. Assignments reinforce the material taught in class and prepare students for tests and quizzes.

Prerequisite: Spanish I

### **Spanish III**

Grades 10-12

At the third level the skills introduced and strengthened in Levels I and II are reviewed with more emphasis on reading passages and composition. Spanish becomes more and more the medium of communication in the classroom. This course prepares the student to take the Comprehensive Spanish Exam.

Prerequisite: Spanish II

### **Spanish IV**

Grades 11-12

Spanish IV, an upper level elective, is geared to the more advanced Spanish student who wishes to continue the study of Spanish. It includes in-depth work on conversation, literature, and the civilization and history of Spain.

Prerequisite: Spanish III

### **Independent Study in French**

Grades 9-12

Students who are interested in continuing their foreign language study of the French language may do so through this course. Students must be self-motivated and willing to work in a blended instructional model.

This course is intended for students who have already have a background with the French language and is not for new French language learners.

Prerequisite: 1-2 years of formal French instruction



# LOTE Department (Languages Other Than English)

## **Latin A & I**

Grades 7-8

All 7th and 8th grade students at Bishop Kearney are required to take Latin in order to enhance their understanding of English grammar, to build their vocabulary power, and to improve their reading and writing skills. In 7th and 8th grade Latin, students begin to uncover the mysteries of this ancient language and people—understanding the vast differences that Latin has with English, but also observing the similarities between the languages. They will also discover what our culture has in common with those ancient Romans, as well as those ideas that we no longer share, proving that Latin is by no means a “dead” language!

Successful completion of Latin I = 1 full high school LOTE credit

## **Latin I**

Grades 9-12

Latin I is an introductory language course that is crafted for motivated students who are looking to improve their English vocabulary power and reading and writing skills, as well as to explore an unusual language that is distant in both time and space. In this class, students will discover the intricacies of Latin grammar and of the Romans themselves. They will learn about the everyday lives of these ancient people, about their gods, their rulers, their heroes, their villains.

## **Latin II**

Grades 9-12

In Latin II, students gain a much deeper understanding of Latin grammar and vocabulary. They will study more complex structures that, when compared with the equivalent English, will doubtlessly improve the quality of the students’ English composition skills. Not only will students enjoy many Latin mythological stories, but they will also explore real Roman history, learning about remarkable individuals who changed their world and left a lasting impression on ours.

Prerequisite: Latin I

## **Latin III**

Grades 10-12

In Latin III, students learn high level grammar concepts, review material, and practice skills in preparation for the Comprehensive Latin Exam. Students will read many more enlightening stories, and expand their vocabulary—both in Latin and in English. The cultural theme for this level is “Warriors by Sword and by Pen,” which includes lessons about the arena, the battlefield, and the world of Roman literature, with a focus on such literary 5-star generals as Julius Caesar, Pliny, and Cicero. After successfully completing the final Comprehensive Examination in Latin, students receive LOTE credit towards an Advanced Regents Degree.

Prerequisite: Latin II

## **Latin IV**

Grades 11-12

Latin IV is an upper level, project-based elective for students who are interested in exploring Roman literature and culture. Students will read some selections in translation and others in their original Latin, including the works of Virgil, Catullus, and Ovid. Much of the curriculum will be based on the students’ own curiosities, and students can delve into a variety of topics involving Roman literature, history, art, archaeology, and influences on modern culture.

Prerequisite: Latin III

# *Business Department*

## **Communication Technology**

(9<sup>th</sup> Grade: Full Year)

Communication Technology is designed to have students use technology appropriately in academic, business, and social settings. The main focus of this class is to familiarize students with the software applications used throughout school in all academic areas. Students will be asked to gather, research, and analyze data for relevance, validity, and accuracy; and, then to use that data appropriately to answer questions, create projects, and communicate with faculty and students. A special focus will be on cyber safety and bullying when using text messaging, email, and social network sites.

## **Careers Quests**

(9<sup>th</sup> Grade: Full Year)

Career Quest is designed to assist students in identifying strengths, weaknesses, skills, talents, passions, work habits, and work preferences as they relate to finding a satisfying career. Students will begin a career plan that focuses on taking ownership and responsibility for their coursework, extracurricular activities, part time jobs, and leisure time.

## **Leadership and Ethics**

(10<sup>th</sup> Grade: Semester)

An introductory course providing an opportunity to survey the fields of leadership and ethics that begins with a differentiation between management and leadership.

## **Marketing**

(11<sup>th</sup> or 12<sup>th</sup> Grade: Semester)

An introductory course that emphasizes key concepts and issues underlying the modern practices of marketing. The role of marketing in an organization and in society is analyzed and examined. The marketing process is analyzed through the five main decision areas of product, service, distribution, promotion, and pricing.

## **Sports and Entertainment Marketing**

(12<sup>th</sup> Grade: Semester)

An in-depth look at the market driven entertainment and sports industries. This course examines the dynamics of marketing various forms of entertainment, including product tie-ins, cross promotion, branding of teams and persons. Students will also learn about some legal issues and other challenges in marketing sports and entertainment products. **Pre-requisite: Marketing**

## **Personal Finance**

(11<sup>th</sup> or 12<sup>th</sup> Grade: Semester)

This is a practical course designed to prepare students to better manage their financial affairs. Topics covered will include financial planning, budgeting, buying a car, using credit wisely, banking, and insurance.

**Dual Credit offered with MCC for an additional fee.**



# *Business Department*

## **Basic Investing**

(12<sup>th</sup> Grade: Semester)

This course is about making money. You will learn the “ins” and “outs” of investing in stocks, bonds, and mutual funds. You will simulate investing using current market data to choose the best stock and bond mutual funds. Learn to use tax advantaged methods of investing, such as 401K plans and IRA’s to help your money grow. (12<sup>th</sup> grade) **Pre-Requisite: Personal Finance**

## **Accounting**

(11<sup>th</sup> or 12<sup>th</sup> Grade: Full Year)

Basic principles of financial accounting for the business enterprise with emphasis on valuation of business assets, measurement of income and double entry accounting techniques for recording transactions. Students receive an introduction to the cycle of accounting work, preparation of financial statements, and adjusting and closing procedures for a proprietorship and merchandising business.

## **Introduction to TV News I**

(11<sup>th</sup> or 12<sup>th</sup> Grade: Semester)

This half year introductory course allows students to learn about how to produce, film, and broadcast a daily live television news program. This news program is viewed live in all of our Bishop Kearney classrooms and serves as our daily announcements. Students who are interested in careers in broadcast journalism should be sure to take this exciting elective.

## **TV News and Broadcast II**

(11<sup>th</sup> or 12<sup>th</sup> Grade: Semester)

This half year course allows students to build upon the topics that were studied during the Introduction to TV News course. In addition, this course allows students to take on more of a leadership role within the broadcast studio. Students in TV News and Broadcast II also spend time learning about sound mixing, video editing, and the publication of media.