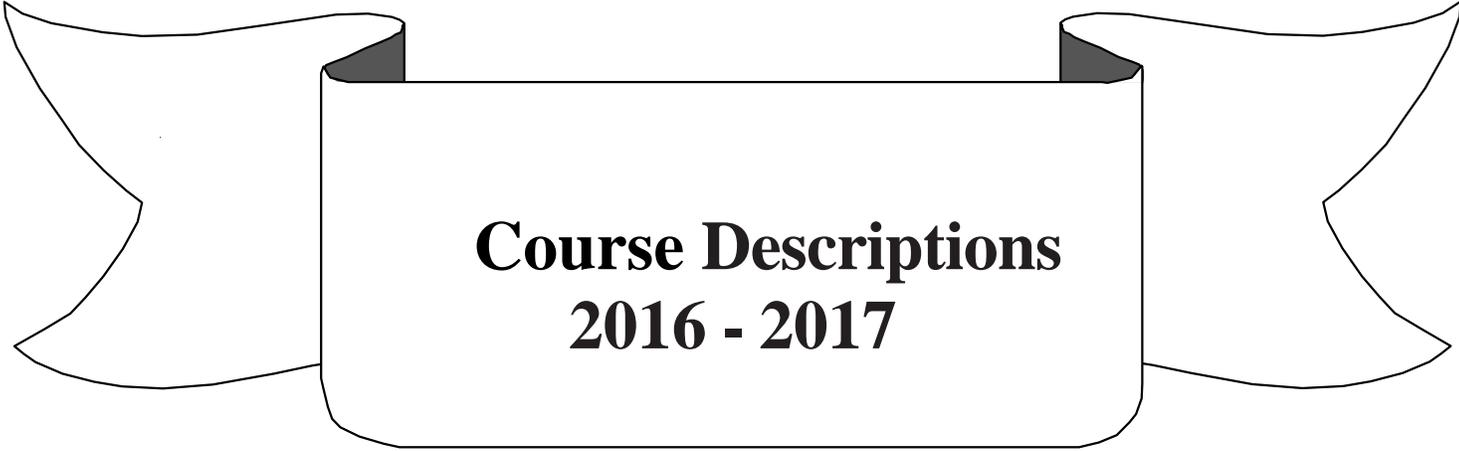
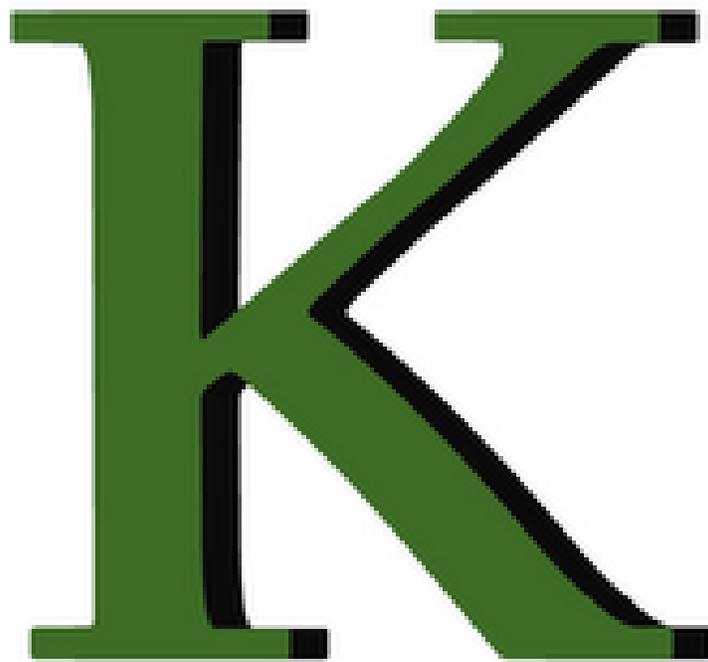


Bishop Kearney High School



**Course Descriptions
2016 - 2017**

COURSE OFFERINGS 2016 - 2017

BISHOP KEARNEY HIGH SCHOOL

2202 60th Street

Brooklyn, NY 11204-2599

Administration

**President
Principal
Strategic Advisor**

**Sister Elizabeth A. Hill, CSJ, JD
Miss Geri Martinez
Dr. Margaret Minson, Ed.D.**

Departments

**Catholic Studies
English/Library
Social Studies
Mathematics
Science
World Languages
Business & Computer Science
Fine Arts & Physical Education**

**Miss Geri Martinez
Mrs. Kathleen Herron
Mrs. Maureen Griffin
Ms. Claire Razza
Mr. Geordano Garcia
Ms. Maryanne Maffei
Mrs. Elizabeth Conte
Mrs. Elizabeth Conte**

Student Services

**College Advisor & Chairperson
Guidance Counselor**

**Ms. Anne Kelly
Ms. Jessica Parker**

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REQUIREMENTS FOR THE KEARNEY DIPLOMA

To remain in good standing at Bishop Kearney, a student is required to successfully complete a program that includes at least seven units of credit each year, including Catholic Studies and Physical Education. This means that a passing mark must be earned for all classes every academic year. To graduate, a student must earn the following units of credit:

Catholic Studies	2 units
English.....	4 units
Social Studies.....	4 units
Science.....	4 units
Mathematics	4 units
World Language	3 units
Fine Arts (Art & Music).....	1 unit
Health.....	1/2 unit
Physical Education.....	2 units
Electives	3.5 units

TOTAL CREDITS _____ **28 UNITS***

**Special situations will be considered by Administration on a case-by-case basis in light of NYS graduation requirements and the circumstances at hand.*

Christian Service Graduation Requirement: 90 hours of Christian Service over the course of four years

All students will be scheduled to earn an **Advanced Regents Diploma**.

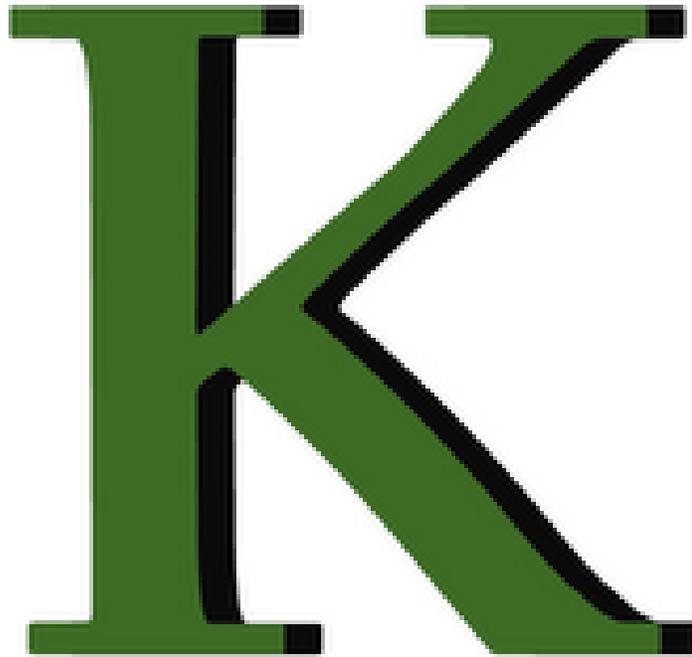
Most current listing of REGENTS EXAMS required with a passing grade of 65 or higher:

For an Advanced Regents Diploma:

- English Language Arts
Common Core for students who entered Grade 9 in 2013-2014 or thereafter
- ALL THREE Math exams:
Algebra I, Geometry, Algebra II
Common Core for students who began studying high school Math in 2013-2014 or thereafter
- ONE Social Studies exam:
Global History OR U.S. History
- Living Environment AND ONE Science exam from among:
Earth Science, Chemistry OR Physics
- ANY ADDITIONAL Regents exam
- Three-year comprehensive Regents Equivalency Exam in Spanish OR Italian

For a Regents Diploma:

- English Language Arts
Common Core for students who entered Grade 9 in 2013-2014 or thereafter
- ONE Math exam from among:
Algebra I, Geometry, Algebra II
Common Core for students who began studying high school Math in 2013-2014 or thereafter
- ONE Social Studies exam:
Global History OR U.S. History
- ONE Science exam from among:
Living Environment, Earth Science, Chemistry OR Physics
- ANY ADDITIONAL Regents exam



Bishop Kearney High School

CATHOLIC STUDIES

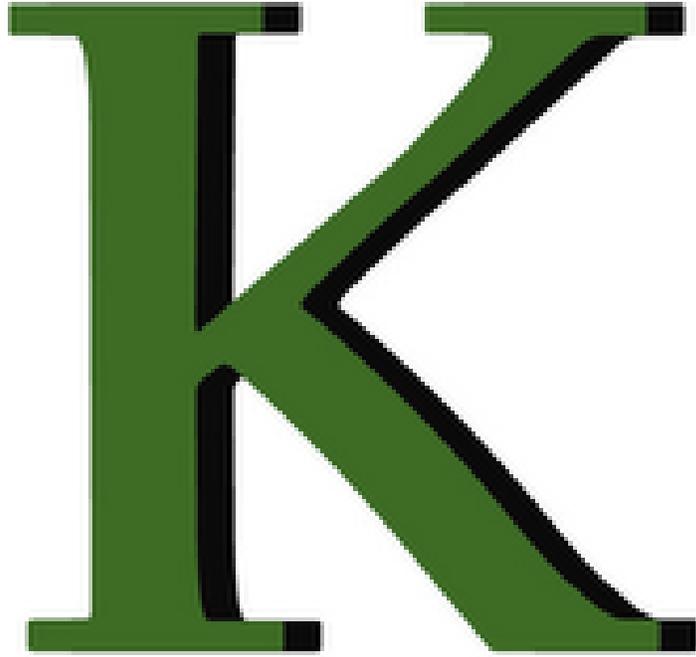
The Catholic Studies Department makes a unique contribution to Kearney's identity as a Catholic school. It offers a value system and an atmosphere of religious inquiry which grows from the foundation established by the families of our students. We begin by looking at God's self-revelation through the Patriarchs, the Sinai Covenant, the prophets and ultimately the Christ. The Scriptural roots of these truths are examined, which lead to the individual's response in a moral life, the result of God's call to love. Finally, we enter into the questions of the demands of a Christian life: marriage, Christian justice, Christian womanhood and faith.

Catholic Studies

COURSE	DESCRIPTION	CREDITS
0110	<p style="text-align: center;">Religion 9 Personhood <i>Am I who I am called to be?</i></p> <p>Students are guided through the gradual self-revelation of God in human history, beginning with an examination of the stereotypes humanity had of God. Hebrew Scripture is followed to see how God gradually reveals the divine personality, culminating in the fullest self-revelation of the God of Love in Jesus. Christian Scripture is studied to discover where all the characteristics of God are found in the words and actions of Jesus, confirming him in the title Son of God.</p>	1/2 Unit One Year
0210	<p style="text-align: center;">Religion 10 Scripture and Tradition <i>What would Jesus do – and what would I do?</i></p> <p>Study of Christian Scripture continues from freshman year, examining the implications of Jesus as Son of God, and the meaning that the Kingdom, service and love have for us all. Jesus as the new David, heralding the end of exile and the establishment of God's reign on earth, is examined through his parables, words and deeds. The early Spirit-filled Church, seen through the Acts of the Apostles and the Epistles of Paul, is examined. The early development of Sacraments as the continuation of Jesus among us is examined as the living witness to God in that age and all ages since. The people of God today, the challenges to today's Christian belief and practice and one's personal response are examined, prompting a personal commitment to live as Jesus lived in our own moral decision-making as Christians.</p>	1/2 Unit One Year
0310	<p style="text-align: center;">Religion 11 Morality <i>I can – but should I?</i></p> <p>This course will endeavor to develop the concepts of conscience, freedom, moral development and fundamental option. Modern issues will be studied as examples. In the second semester, the course will present models of morally challenging situations, asking students what rationales have been adopted by protagonists in these situations and, with reasons clearly explained, whether their choices and rationales are correct or not in light of Christian teachings.</p>	1/2 Unit One Year

Catholic Studies

COURSE	DESCRIPTION	CREDITS
<p style="text-align: center;">ALL SENIORS MUST TAKE 0401 AND <u>ONE</u> OF THE FOLLOWING: 0405 OR 0412</p> <p style="text-align: center;">Relationships To commit or not to commit...</p> <p>0401</p>	<p>This course explores the power of love, understanding, dating, compatibility and the nature and intimacy of being in love in a marriage. Key concepts of communication, affection, and sexual intimacy will be discussed. The idea of togetherness in a family lifestyle and the understanding of the role of families and children in our world follow from the above topics. Finally, the pain involved in parting from and leaving someone who is loved will be explored.</p>	<p style="text-align: center;">1/4 Unit Semester</p>
<p>0405</p>	<p style="text-align: center;">Christian Justice / Catholic Social Teaching</p> <p>This course, an extension of the Junior morality course, will incorporate spirituality and provide concrete principles and activities through which to participate in Jesus's vision of the Kingdom of God. The course will begin with key themes of Catholic Social Justice. Based on this framework, students will become more aware of the faith-based questions and answers surrounding particular issues, such as, the right to life, prejudice, racism, poverty, war and the environment.</p>	<p style="text-align: center;">1/4 Unit Semester</p>
<p>0412</p>	<p style="text-align: center;">Women in Christian Tradition Christian History</p> <p>Women In Christian Tradition is a course that takes the student from its foundational point of the Incarnation to help them critically look at the messages expressed by modern society. A look at historical thought about women in the ancient thinking of the Greeks will reveal how much of it still exists within the modern culture. Christ's message and presence in the world, as shown in this course, helps the Catholic young woman to navigate the ideas that she may have unconsciously accepted. Overall the course attempts to bring an awareness of problems, as well as, solutions to some of the difficulties women face so they may offer positive ways to change the world today.</p>	<p style="text-align: center;">1/4 Unit Semester</p>



Bishop Kearney High School

ENGLISH

Today's world demands that students be articulate, literate and creative problem solvers. In accordance, our English Language Arts curriculum emphasizes critical thinking and culminates in the opportunity to sit for two Advanced Placement English exams.

Following the direction of the New York State Board of Regents, students in all courses are challenged to meet the new Common Core Learning Standards for English Language Arts. Beginning with a humanities-based program approach in conjunction with the Social Studies Department, students begin their course of study by reading closely from a wide range of contemporary and traditional literature. They continue to study World, British and American literatures and are expected to read broadly and write critically throughout their four years. Students complete Standards-aligned assignments and evidence mastery of the commencement-level skills required for college and career readiness.

Students in AP English may earn college credit through the Bridge Program, a fully accredited program with St. Joseph's College.

English

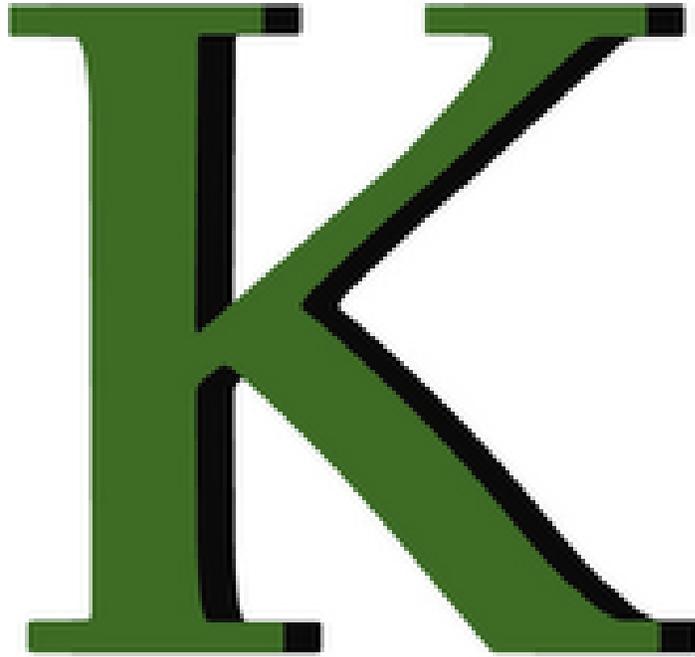
COURSE	DESCRIPTION	CREDITS
1100	<p style="text-align: center;">English 9</p> <p>Interdisciplinary in nature, this course aligns with the curriculum of the Social Studies Department. The content is intended to foster a climate of inquiry which encourages students to be active learners and critical thinkers. Students will be introduced to literary genres and library skills. Selected poems, short stories, essays, novels, plays, and works of nonfiction will be studied for both comprehension and for the authors' use of language.</p>	1 Unit One Year
1125	<p style="text-align: center;">English 9 (Honors)</p> <p>This course will seek to develop the student's creativity and critical thinking through various forms of self-expression in writing, speech activities, and group projects. In addition to the academic content of course #1100, this course requires more in-depth analysis of the works studied. Students will also engage with a wider range of literary materials.</p>	1 Unit One Year
1200	<p style="text-align: center;">English 10</p> <p>This course is a survey of British literature from the Anglo-Saxon Period to the present. The content will treat chronologically the major periods and will include works from all literary genres. Selected works will be studied in and of themselves and in light of the historical era in which they were written. Additionally, the course will seek to develop, in depth, the skill of connection as students work to draw comparisons thematically between genres. The course will build upon the climate of inquiry established in the previous year of English.</p>	1 Unit One Year
1225	<p style="text-align: center;">English 10 (Honors)</p> <p>In addition to the academic content of course #1200, this course will seek to develop the student's creativity and critical thinking through a more in-depth analysis of the works studied. Students will cover a wider range of literary material.</p>	1 Unit One Year

English

COURSE	DESCRIPTION	CREDITS
<p>1300</p>	<p style="text-align: center;">English 11</p> <p>This course is a survey of American literature from Colonial Times to the present. The content will treat chronologically the major periods, covering all literary genres. Selected works will be studied in and of themselves and in light of the historical era in which they were written. Additionally, the course will seek to develop, in depth, the skill of connection as students work to draw comparisons thematically between genres. This course will build upon the climate of inquiry fostered in the previous two years of English.</p> <p>*NYS COMMON CORE REGENTS REQUIRED</p>	<p>1 Unit One Year</p>
<p>1335</p>	<p style="text-align: center;">Advanced Placement English: Language and Composition</p> <p>This is a college-level introductory course in English that explores how writers use word to convey meaning. Course topics include the elements of rhetoric, style, argument, persuasion and literary techniques. Students will analyze passages and use the skill of synthesis to connect themes and points of view. All students in this course must take the AP Examination.</p>	<p>1 Unit One Year</p>
<p>1405</p>	<p style="text-align: center;">Advanced Placement English: Literature and Composition</p> <p>This is a college-level introductory course in English, focused around narrative fiction, poetry, and drama. Students will engage in the careful reading of literary works and the analysis of these works. All students in this course must take the AP Examination.</p> <p>*Students may earn 3 college credits from St. Joseph's College for this course.</p>	<p>1 Unit One Year</p>

English

COURSE	DESCRIPTION	CREDITS
1480	<p style="text-align: center;">SENIORS</p> <p style="text-align: center;">ANY SENIOR NOT IN 1405 IS <u>REQUIRED</u> TO TAKE BOTH ENGLISH COURSES BELOW.</p> <p style="text-align: center;">Literature of Conscience</p> <p>This course provides an overview of the literature that is produced by the clash between individual conscience and society. It will concern itself with contemporary issues which have not yet been resolved, e.g., racism and sexism, among others. The aim of this course is to emphasize the relationship between literature and life, showing literature to be both a comment on society and a directive to it.</p>	1/2 Unit Semester
1485	<p style="text-align: center;">Literature of New Beginnings</p> <p>Recognizing that Senior year is a journey of farewells and many new beginnings, this course explores the various ways authors make meaning of endings and beginnings. Widely varied literature selections and films will be analyzed in order to enable students to share writers' and artists' attempts to understand the human experiences encountered during difficult but necessary steps forward in life.</p>	1/2 Unit Semester



Bishop Kearney High School

SOCIAL STUDIES

Bishop Kearney's Social Studies Department will integrate research and writing skills throughout the curriculum. On a daily basis, we will help our students learn to assess and evaluate a variety of primary and secondary sources both online and in text in an attempt to help them learn to evaluate their validity both in terms of their historical framework and their importance in our world today.

The Social Studies Department offers Advanced Placement and college accredited courses, courses within the New York State curriculum, and electives to meet the needs and interests of our students on various levels. Some special features include:

Honors Program: Students in our Honors Program will have the opportunity to take Advanced Placement United States History as Juniors and an additional Advanced Placement Social Studies course as Seniors.

W!SE Financial Literacy Certification: Every Senior receives instruction in real-world Finance topics, such as, budgeting, banking, credit, insurance, investing, financial planning, and retirement planning. Study culminates with all students sitting for a nationally standardized exam that enables them to earn W!SE Certification in Financial Literacy.

Social Studies

COURSE	DESCRIPTION	CREDITS
<p>2100</p>	<p style="text-align: center;">Global Studies I</p> <p>This is an integrated course studying the great civilizations of the Far East, Middle East, Africa and the Western World in order to help students to develop a deeper appreciation of the contributions that different cultures and societies have made to the world. This first-year study of Global History and Geography will focus on these civilizations from earliest times through the 19th Century. Emphasis will be placed on the use of primary materials and historical interpretation of these materials.</p>	<p style="text-align: center;">1 Unit One Year</p>
<p>2125</p>	<p style="text-align: center;">Global Studies I (Honors)</p> <p>This is an accelerated course designed to provide an in-depth study of various cultures and civilizations, beginning with Ancient societies, such as the Egyptians, the Greeks and the Romans. It will continue with the transitional periods of the Renaissance and Reformation and conclude in the early 20th Century. Emphasis will be placed on the use of primary materials, historical interpretation and independent study.</p>	<p style="text-align: center;">1 Unit One Year</p>
<p>2200</p>	<p style="text-align: center;">Global Studies II (Regents)</p> <p>This course continues the study of global developments with developments in Latin and South America and the Middle East added to the areas studied during the previous year. Emphasis is placed on how 19th Century Imperialism and Nationalism affect the world in the 20th and 21st Centuries. Developing nations, ideological conflicts, and current global problems facing all nations are examined.</p> <p>*REGENTS REQUIRED</p>	<p style="text-align: center;">1 Unit One Year</p>

Social Studies

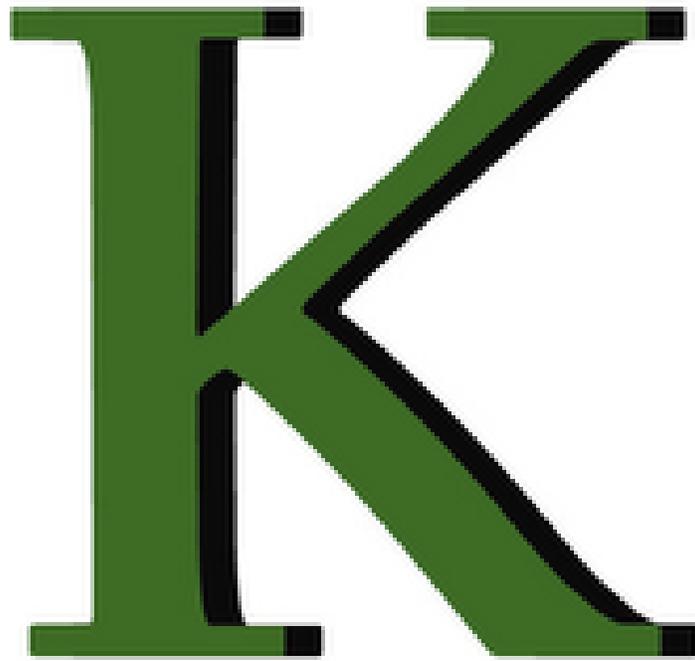
COURSE	DESCRIPTION	CREDITS
2225	<p style="text-align: center;">Global Studies II (Honors)</p> <p>This course continues the study of developments across the continents, including current global problems. Students will be required to take the Global Studies Regents in January and then begin their study of American History in the context of related and parallel historical developments around the world. This study of American History in a global context will serve toward building the knowledge base required for successful performance on the Advanced Placement United States History examination, which will be completed in the Junior year, along with the United States History Regents. As the legacy of Imperialism has affected the history of many nations, so too has Imperialism shaped the future United States. Accordingly, post-Regents study will include the Colonial Period to the Civil War and the continuing battle between ideologies. Emphasis will be placed on the use of primary source materials, historical interpretation and independent study. *REGENTS REQUIRED</p>	<p style="text-align: center;">1 Unit One Year</p>
2300	<p style="text-align: center;">United States History (Regents)</p> <p>The multifaceted history of the United States is presented with an emphasis on the study of the Constitution. Our framework of government will be studied in detail, including the requirements and duties of each of the major branches of government. The study of such periods as the Civil War, Progressive Era, FDR's administration, and the Warren Court shows us that the writers of the Constitution indeed gave us a framework of government that could change and endure the test of time. In preparation for the NYS Regents, the students will discuss numerous court cases that help to show what role the Government has taken in business, our culture and values, everyday life and personal freedoms. This course integrates social, political and economic developments and examines how these have affected our domestic and foreign policies. *REGENTS REQUIRED.</p>	<p style="text-align: center;">1 Unit One Year</p>

Social Studies

COURSE	DESCRIPTION	CREDITS
<p>2325</p>	<p style="text-align: center;">Advanced Placement United States History</p> <p>This section of the American Studies course is an in-depth study of the growth of our nation. It is taught on a college level. Political, social and economic developments are studied through the use of primary source materials and examination of a variety of historical interpretations. All students taking this course must take the AP Examination.</p> <p>*REGENTS REQUIRED</p> <p>*A student may earn 6 college credits from St. Joseph's College.</p>	<p style="text-align: center;">1 Unit One Year</p>
<p>2449</p>	<p style="text-align: center;">Economics</p> <p>This course provides students with a greater understanding of Economics, ranging from the viewpoint of the individual consumer or small business owner to the global economy. The course will study the law of supply and demand, forms of business, labor unions, government finances and influence on the economy, money and prices, inflation and deflation cycles. The course relates history and politics to the study of economics and encourages students to thoroughly examine the factors that influence the financial decisions we all must make.</p> <p>*This course includes participation in the W!SE Financial Literacy Certification Program. Students who pass the nationally standardized Financial Literacy Certification Exam earn a widely recognized certificate.</p>	<p style="text-align: center;">1/2 Unit Semester</p>

Social Studies

COURSE	DESCRIPTION	
2447	<p style="text-align: center;">Participation in Government</p> <p>In this course, students apply knowledge gained in previous years of study to pursue a deeper understanding of the institutions of American Government. In addition, they draw on their studies of World and American History and Geography to compare differences and similarities in world governmental systems today. This course is the culmination of history/social sciences classes and prepares students to formulate thoughtful stances on society's problems, to understand and to participate in the governmental process, and to be responsible citizens of the United States and the world.</p>	1/2 Unit Semester
2445	<p style="text-align: center;">Advanced Placement Psychology</p> <p>This course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.</p> <p>*AP EXAMINATION REQUIRED.</p>	1 Unit One Year



Bishop Kearney High School

MATHEMATICS

The Mathematics Department has structured its curriculum to prepare students for success in college and careers in the 21st Century global economy. We are implementing Common Core standards and developing curriculum and assessments aligned to these standards to ensure that our students demonstrate college and career readiness at the culmination of their 4-year study of Mathematics. Electives include Statistics, Pre-Calculus and Advanced Placement Calculus.

*TI-84 Plus Graphing Calculators are required in all Mathematics courses.

Mathematics

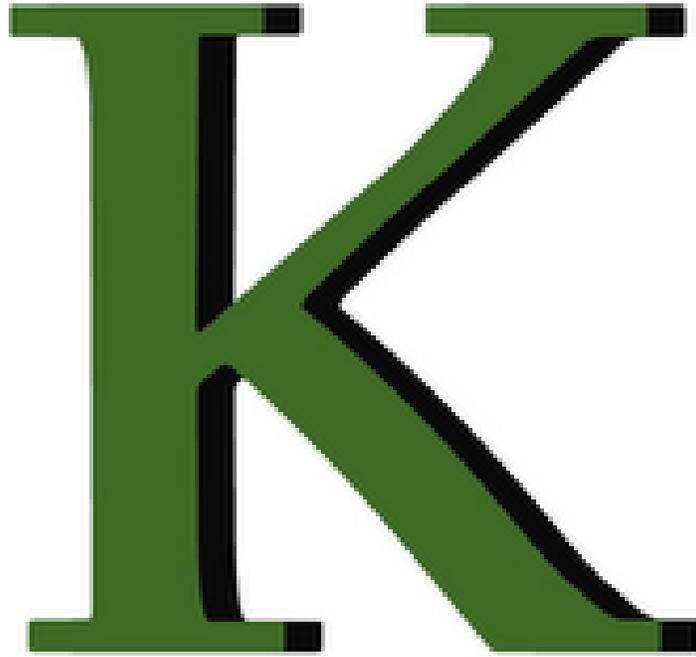
COURSE	DESCRIPTION	CREDITS
3180	<p>Algebra 1 (Common Core) This course will assist students in developing skills, processes and techniques that will be applied to a variety of settings as students solve problems analytically, graphically and verbally. Students will develop proficiency in the following conceptual categories: number and quantity, algebra, functions, statistics and probability. Course content, applications, and processes are aligned to the Common Core State Standards for Mathematical Practice. *COMMON CORE REGENTS REQUIRED</p>	1 Unit One Year
3185	<p>Algebra 1 Honors (Common Core) This course requires students to apply Algebra concepts to real-world contexts. With an emphasis on mathematical modeling, this course challenges students to recognize and clarify mathematical structures that are embedded in other contexts, formulate problems in mathematical terms, use mathematical strategies to reach solutions, and interpret solutions in the context of the original problem. Students must be able to represent and analyze situations using symbols, graphs, tables or diagrams, effectively distinguish relevant from irrelevant information, check the reasonableness of their results, and devise ways to verify their results. *COMMON CORE REGENTS REQUIRED</p>	1 Unit One Year
3266	<p>Geometry (Common Core) This course is the second course in the New York State High School Math Curriculum. Students will be expected to identify, justify, prove and apply geometric relationships. Both Euclidean and Coordinate Geometry proofs will be introduced both formally and informally. Students will become proficient in constructions through the use of a compass and straightedge. This course is aligned to the Common Core State Standards for Mathematical Practice. *COMMON CORE GEOMETRY REGENTS REQUIRED</p>	1 Unit One Year

Mathematics

COURSE	DESCRIPTION	CREDITS
3267	<p>Geometry Honors (Common Core) This course is the second course in the New York State Math Curriculum. Students will be expected to reason abstractly and quantitatively applying geometric relationships to various situations. They will make formal geometric constructions with a variety of tools and methods such as compass and straightedge, string and paper folding. Applying geometric concepts in modeling situations is an integral part of this course. Pursuing conceptual understanding of both Euclidean and Coordinate Geometry Proof through rigor and procedural skills is also addressed. In addition, this course includes more extensive and rigorous proofs and applications, as well as, extended topics. This course is aligned to the Common Core State Standards for Mathematical Practice. *COMMON CORE REGENTS REQUIRED</p>	<p>1 Credit One Year</p>
3366	<p>Algebra 2 (Common Core) This course is the third course in the New York State High School Math Curriculum. An intensive look at functions and how they are the building blocks of mathematics are addressed both formally and informally. The theory of quadratic functions is now complete by extending the set of numbers from real numbers to complex numbers. The students are expected to delve deeper into the structure of algebraic expressions and transforming them in ways that reveal meaning through problem solving. This course is aligned to the Common Core State Standards for Mathematical Practice. *COMMON CORE REGENTS REQUIRED</p>	<p>1 Credit One Year</p>
3367	<p>Algebra 2 Honors (Common Core) This course includes the same content as Course 3360 with the addition of many extended classical and practical topics in Algebra. Students are provided with the tools for modeling various phenomena and experimenting with algebraic objects, thus reducing the need for complex computations. The last course in the New York State Math Curriculum, this course prepares students for a transition into the study of Calculus. This course is aligned to the Common Core State Standards for Mathematical Practice. *COMMON CORE REGENTS REQUIRED</p>	<p>1 Credit One Year</p>

Mathematics

COURSE	DESCRIPTION	CREDITS
3425	<p style="text-align: center;">Pre-Calculus (Honors)</p> <p>This course builds the foundational skills necessary for the future study of Calculus. Emphasis is placed on areas related to Calculus, such as functions, limits, curve sketching, derivatives and related rates. During the spring semester, Advanced Placement Calculus content is introduced.</p>	1 Credit One Year
3435	<p style="text-align: center;">Statistics</p> <p>This is an introductory course in which concepts are developed intuitively using examples from a wide variety of fields, such as, biology, business, economics, education, psychology and medicine. Students will learn the vocabulary, symbols, concepts, and procedures used in statistical studies and will be able to summarize data, draw conclusions, and make reliable predictions based on controlled experiments and survey results.</p>	1 Credit One Year
3440	<p style="text-align: center;">Advanced Placement Calculus</p> <p>This course includes a study of the following types of functions: polynomial, trigonometric, exponential, logarithmic; their inverses; derivatives; integrals; and graphs applications to area, volume, velocity and acceleration. All students taking this course must take the AP Examination.</p> <p>*A students may earn 8 College credits from St. Joseph's College.</p>	1 Credit One Year



Bishop Kearney High School

SCIENCE

The Science Department has structured its course offerings to meet the needs and interests of all Kearney Students. Through extended Lab time and Vernier digital lab equipment and data-collection software, we actively engage all students in intensive hands-on, STEM-focused learning so that they may greet the technological challenges of the Twenty-First Century with skill and confidence. We offer several Advanced Placement and college-accredited courses for students who plan to pursue careers in medicine, pharmacy, engineering or scientific research.

For students specifically pursuing careers in Medicine, we offer Anatomy & Physiology, Advanced Biology, and a Biomedical Professions elective, in addition to internships and job shadowing opportunities with Maimonides Medical Center, Doctors On Call and other select partners at Calko Medical Center, which is immediately adjacent to our campus.

Science

COURSE	DESCRIPTION	CREDITS
<p>4200</p>	<p style="text-align: center;">Living Environment (Regents)</p> <p style="text-align: center;">An Inquiry Into the Nature of Life</p> <p>This course is an introduction to the Biological Sciences. The topics that will be covered include: cellular organization, comparative life functions, human structure and function, reproduction, genetics, evolution, and ecology. This course follows the New York State Syllabus for Living Environment and satisfies all the requirements of subject matter and Laboratory experiences necessary for Regents credit.</p> <p>*REGENTS REQUIRED.</p>	<p style="text-align: center;">1 Credit One Year</p>
<p>4225</p>	<p style="text-align: center;">Living Environment (Honors)</p> <p style="text-align: center;">An Inquiry Into the Nature of Life</p> <p>The course content is the same as 4200 but on a deeper, more intense level. Advanced independent projects, supplementary readings and research will enrich the learning experience. Laboratory experiences necessary for Regents credit are also covered.</p> <p>*REGENTS REQUIRED.</p>	<p style="text-align: center;">1 Credit One Year</p>
<p>4237</p>	<p style="text-align: center;">Anatomy and Physiology</p> <p>This course will cover the introduction to anatomical terminology, the levels of organization, and the basic cellular and organic functions associated with the maintenance and perpetuation of life with an emphasis on human systems. Further insights into the biological operations of the body and exploration of how the human body is affected by disease will also be studied. It will consist of laboratory exercises in the following fields: pathology, histology, circulation, transport, sensory perception, neuromuscular activity. This course includes a laboratory schedule.</p> <p>*Students may earn 6 college credits from St. John's University.</p> <p>A score of 1,000 combined on the Verbal and Math portions of the SAT or a score of 100 on the PSAT, as well as an 85+ GPA for Juniors or 80+ GPA for Seniors is required to apply for SJU college credits.</p>	<p style="text-align: center;">1 Credit One Year</p>

Science

COURSE	DESCRIPTION	CREDITS
4247	<p style="text-align: center;">Advanced Biology</p> <p>Fundamentals of Biology II: Introduction to Cell and Molecular Biology Students must take both semesters. Core principles governing the activities of living organisms at the molecular and cellular levels will be studied in depth.</p> <p style="text-align: center;">Fundamentals of Biology III: Introduction to Organismic Biology Core principles of physiological function and developmental processes are studied in depth.</p> <p>* Students may earn 8 college credits from St. John's University. A score of 1,000 combined on the Verbal and Math portions of the SAT or a score of 100 on the PSAT, as well as an 85+ GPA for Juniors or 80+ GPA for Seniors is required to apply for SJU college credits.</p>	1 Credit One Year
4300	<p style="text-align: center;">Physical Setting: Chemistry A Dynamic Exploration</p> <p>This course presents the study of theoretical chemistry designed to instill a knowledge of its principles, laws, and concepts. Topics include: matter and energy, atomic structure, bonding, equilibrium, acid-base theories, redox and electrochemistry and organic chemistry. Laboratory experiences are necessary for Regents credit. *REGENTS REQUIRED</p>	1 Credit One Year

Science

COURSE	DESCRIPTION	CREDITS
4325	<p style="text-align: center;">Physical Setting: Chemistry (Honors) A Dynamic Exploration</p> <p>This course content is the same as 4300 but on a deeper, more intensive level. Advanced, independent research and laboratory work enrich the learning experience. Laboratory experiences are necessary for Regents credit. *REGENTS REQUIRED</p>	<p style="text-align: center;">1 Credit One Year</p>
4340	<p style="text-align: center;">Advanced Placement Chemistry</p> <p>This is a full-year course in the principles of Chemistry for serious students who have an interest in the biological sciences, physical sciences, or engineering. AP Chemistry is designed to be equivalent to the general chemistry course usually taken during the first college year. The course topics include stoichiometry; properties of solids, liquids, gases and solutions; chemical equilibrium, chemical thermodynamics, atomic and molecular structure; chemical kinetics, periodic properties; and descriptive chemistry of the elements. Students must exhibit a high level of commitment, motivation and academic maturity. *AP EXAMINATION REQUIRED</p>	<p style="text-align: center;">1 Credit One Year</p>
4425	<p style="text-align: center;">Physical Setting: Physics (Honors)</p> <p>A modern view of physics is presented in terms of the two fundamental concepts: Matter and Energy. The topics include: Mechanics, Wave Motion, Heat, Light, Sound, Electricity, Magnetism and Nuclear Physics. The Conservation laws are emphasized. Advanced independent research and laboratory work (as required by NYS) enrich the learning experience. *REGENTS REQUIRED.</p>	<p style="text-align: center;">1 Credit One Year</p>

4500

Physical Setting: Earth Science

In this course, students will study various environments on the earth and within the earth, in the oceans, in the atmosphere, and in space. The course emphasizes an in depth understanding of major concepts rather than memorization of science facts. Key topics covered include: Deep Space and the Solar System, Earth's Coordinates, Motions, and Seasons, Weather Variables, Systems and Forecasting, Weather Hazards and Forecasting, Insolation, Energy Transfer, Climate Factors and Water Cycle, Earth Materials, Leveling Forces, Landscapes/Topography Maps, Uplifting Forces, and Earth's History.

***REGENTS REQUIRED**

**1 Credit
One Year**

4700

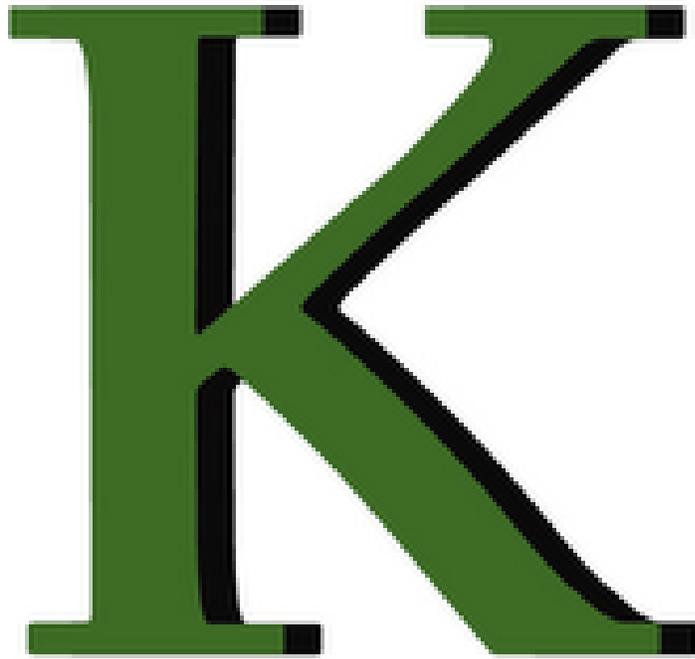
Introduction to Biomedical Professions

This introductory course is designed to familiarize students with the various medical and health care careers available. Through academic study, guest presentations by health care professionals, and field trips, students will learn about the duties, training, and licensure requirements for a variety of healthcare professions and degree programs, including the following careers / career areas: Medical Doctor, Nurse, Physician Assistant, Dentistry, Medical Technology, Radiologic Technology, Nuclear Medicine, Occupational Therapy, and Ultrasonography.

Students will also acquire hands-on experience in cardiopulmonary resuscitation and the administration of a defibrillator (AED). Class expectations additionally include the mastery and performance of clinical first aid techniques through which students may obtain American Red Cross Certification in First Aid, Infant, Child and Adult CPR.

Students will also learn about the administrative and soft skills required for success in the health professions; key areas including: communication, medical records, problem solving, decision making, and legal and ethical responsibility.

**1 Credit
One Year**



Bishop Kearney High School

WORLD LANGUAGES

Our Language Department affords its students the opportunity to study four years of a modern language, including college level. Many students opt to study a second world language as Juniors and Seniors via live and online courses. College-level courses are offered in Italian and Spanish, and students may earn 6 undergraduate credits from St. Joseph's College. In an increasingly globalized job market, a Kearney graduate with the ability to communicate in more than one language will find her job choices wider than most others. The Department offers a travel/study program to Europe. Students are given assignments to complete before and during the trip and earn school credit upon successful completion of the assignments.

To reinforce the students' skills in communication in the target languages, the World Language Department at Bishop Kearney High School develops *Speaking* and *Auditory* skills, as well as, *Reading* and *Writing* skills through various activities both in group settings and in individual tasks.

World Languages

COURSE	DESCRIPTION	CREDITS
<p>5410</p>	<p style="text-align: center;">Spanish 9</p> <p>This is a beginning course in the study of Spanish language. The four language skills of listening, speaking, reading and writing are emphasized and practiced according to the Common Core Curriculum. Basic grammar topics are explained and practiced through the four skills. Spanish and Hispanic geography, culture and history will be introduced. Students with an A average in this course will be invited to participate in the National Spanish Examination, sponsored by AATSP, the American Association of Teachers of Spanish and Portuguese.</p>	<p style="text-align: center;">1 Credit One Year</p>
<p>5420</p>	<p style="text-align: center;">Spanish 10</p> <p>This course continues the study of Spanish language begun in Spanish 9. Intermediate grammar topics will be taught and practiced through the four language skills according to the Common Core Curriculum. Spanish and Hispanic geography, culture and history will be studied in more depth. Students with an A average in this course will be invited to take the National Spanish Examination.</p>	<p style="text-align: center;">1 Credit One Year</p>
<p>5430</p>	<p style="text-align: center;">Spanish 11</p> <p>This course continues the study of Spanish language taken in Spanish 10. Broader development of the four language skills is emphasized according to the Common Core Curriculum. Students will explore and practice more advanced grammatical structures and will be required to participate in discussions in the Spanish language. Reading selections in Spanish are cultural in nature. Writing assignments will take the form of directed composition. Students with an A average in the course will be invited to take the National Spanish Examination. Students will also be highly encouraged to take the SAT II in Spanish.</p> <p>*REGENTS REQUIRED</p>	<p style="text-align: center;">1 Credit One Year</p>

World Languages

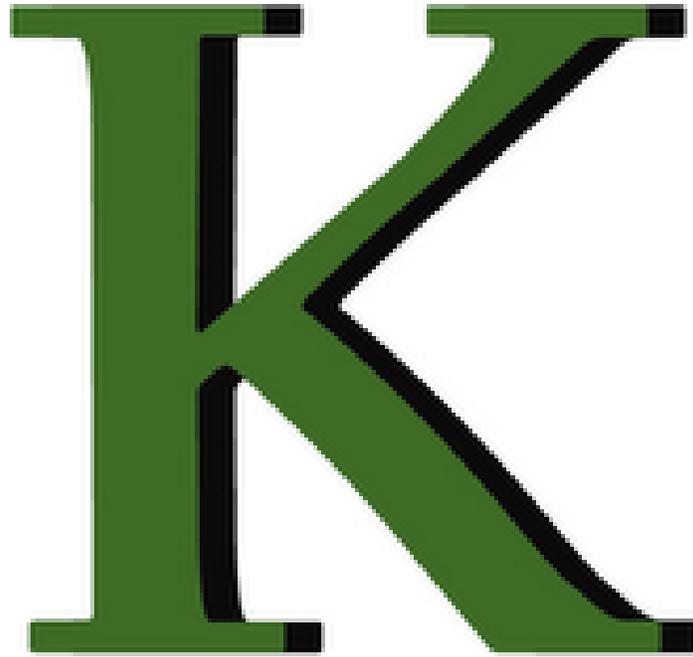
COURSE	DESCRIPTION	CREDITS
<p>5445</p>	<p style="text-align: center;">College Spanish</p> <p>This course is designed to provide opportunities for the appreciation of the culture and history of the Spanish speaking people and to increase language proficiency in the four language skills according to the Common Core Curriculum. Advanced grammar will be practiced. An emphasis will be placed on the literature of Spain, Central America and South America in the form of poetry and short story. There will be a concentration on geography, history and the culture of Spain, Central America and South America. This course may also include occasional participation in cultural activities in the community. All students in this course are required to take the National Spanish Examination.</p> <p>*Students may earn 6 college credits from St. Joseph's College.</p>	<p>1 Credit One Year</p>
<p>6910</p>	<p style="text-align: center;">Italian 9</p> <p>This is a beginning course in the study of the Italian language. The four language skills, listening, speaking, reading and writing are emphasized and practiced. Basic grammar topics are explained and practiced through the four language skills. The geography, history and culture of Italy will be introduced. Students with an A average in this course will be invited to participate in the National Italian Examination, sponsored by AATI, the American Association of Teachers of Italian.</p>	<p>1 Credit One Year</p>
<p>6920</p>	<p style="text-align: center;">Italian 10</p> <p>This course continues the study of Italian language begun in Italian 9. Intermediate grammar topics will be taught and practiced through the four language skills. The geography, culture and history of Italy will be studied in more depth. Students with an A average in this course will be invited to take the National Italian Examination.</p>	<p>1 Credit One Year</p>

World Languages

COURSE	DESCRIPTION	CREDITS
<p style="text-align: center;">6930</p>	<p style="text-align: center;">Italian 11</p> <p>This course continues the study of Italian language taken in Italian 10. Broader development of the four language skills is emphasized. Students will explore and practice more advanced grammatical structures and will be required to be involved in discussions in the Italian language. Reading selections in Italian are cultural in nature. Writing assignments will take the form of directed composition. Students with an A average in the course will be invited to take the National Italian Examination. Students will also be highly encouraged to take the SAT II in Italian. *REGENTS REQUIRED</p>	<p style="text-align: center;">1 Credit One Year</p>
<p style="text-align: center;">6945</p>	<p style="text-align: center;">College Italian</p> <p>This course is designed to provide opportunities for the appreciation of the culture and history of the Italian speaking people and to increase language proficiency in the four language skills. Advanced grammar will be practiced. An emphasis will be placed on the literature of Italy in the form of poetry and short story. There will be a concentration on geography, history and the culture of Italy. This course may also include occasional participation in cultural activities in the community. All students in this course are required to take the National Italian Examination.</p> <p>*Students may earn 6 college credits from St. Joseph's College.</p>	<p style="text-align: center;">1 Credit One Year</p>

World Languages

COURSE	DESCRIPTION	CREDITS
6949	<p style="text-align: center;">Travel Study: Europe</p> <p>This course provides the unique opportunity for students to study in a European country for approximately ten days. Students will explore the people and culture of the country and practice the language. All student participants are required to attend seminars prior to departure. Students will be required to research assigned points of interest and design and present a PowerPoint presentation to the entire group. These assignments will focus on the history, geography, art and culture of the country / countries to be visited.</p> <p>Students will be required to keep a daily journal while on tour and will create a scrapbook and a photo album of the trip. All work will be graded by the Teacher Chaperone, and a letter grade will appear on the June report card.</p> <p>Prerequisites: Administrative approval required, based on attendance, discipline and tuition records.</p> <p style="text-align: center;">Spring semester only.</p> <p style="text-align: center;">Departmental Approval</p>	1/2 Credit



Bishop Kearney High School

FINE ARTS

We offer 3- and 4-year New York State Regents Sequences in Music and Art through our Music Major and Visual Arts Major Programs.

MUSIC

The school's choir and concert band / marching band perform for various events in and out of school, including the New York City Columbus Day Parade down Fifth Avenue, St. Patrick's Day Parades in Brooklyn, Little League parades, school assemblies, liturgies and concerts.

Through varied musical experiences, students learn to understand standards of quality in performance and composition, gain new insights about the maturing voice and artistic potential, increase competence in their instrumental technique, expand their knowledge of repertoire, and achieve new levels of personal expression as they advance in their musical studies.

VISUAL ARTS

Students are exposed to various materials and techniques as they progress through our Regents Sequence in the Visual Arts and develop a sense of personal style, as well as, an increased awareness of the power of their art to illuminate, inform and influence opinion. Inspired students begin the Visual Arts Major experience by enrolling in full-year Studio Art as Sophomores. As Juniors, they engage in a year of oil painting, advanced drawing and printmaking and submit their artwork to various local art competitions. Seniors prepare a "visual thesis" in Advanced Placement Studio Art and may additionally enroll in Mixed Media.

Students (both Art Majors and non-Art Majors) also enjoy co-curricular opportunities by joining our Art-related clubs, which complement formal study in the Visual Arts.

Fine Arts

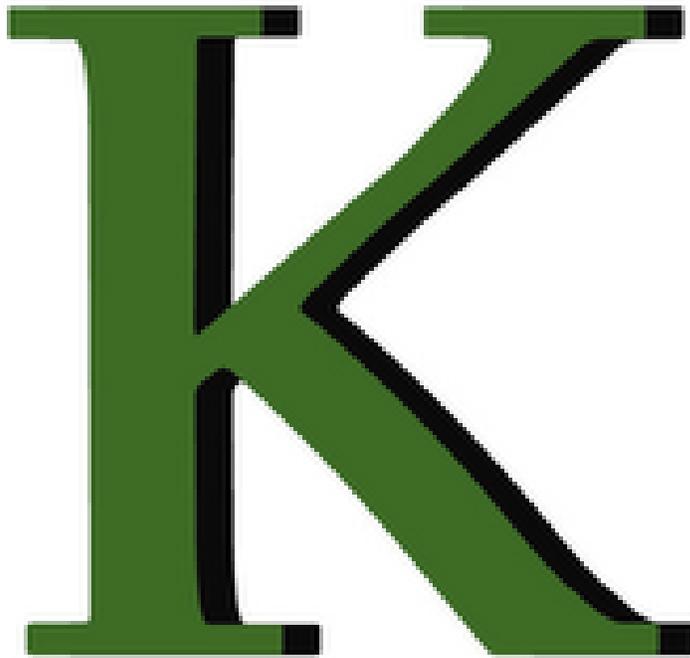
COURSE	DESCRIPTION	CREDITS
7220	<p style="text-align: center;">Introduction to Art</p> <p>This is a foundation course intended to expose students to Art through fundamental drawing techniques and the exploration of basic two-dimensional representation, including line drawing, shading, one-point perspective, and perception of form and space. Color theory and painting are introduced, as well as, exposure to art history.</p>	1/2 Credit Semester
7227	<p style="text-align: center;">Studio Art (Year Course)</p> <p>This course is for students who have a greater interest in developing their artistic voice. Like 7220, the course begins by exposing students to fundamental drawing techniques and exploring the basics of two-dimensional representation, which includes line drawing, shading, one-point perspective, perception of form and space. Color theory and painting are introduced. The second half of the course invites students to continue honing their technique by developing more personal, in-depth artwork. Projects include pen and ink, the human face, proportion, anatomy, and fashion drawing.</p>	1 Credit One Year
7230	<p style="text-align: center;">Drawing, Painting and Printmaking</p> <p>Students are exposed to the art of oil painting and printmaking while they continue to explore various mark making techniques and develop their personal artistic style. Advanced perspective drawing involving two- and three-point building design will be studied. In addition, students will be introduced to the different painting styles of artists through history.</p>	1 Credit One Year
7240	<p style="text-align: center;">Mixed Media</p> <p>Students learn about 3D design, which includes sculpture and ceramics. Students also continue to develop drawing and painting techniques. In addition, students engage in computer graphics and design techniques as they study the importance and implications of communication in society.</p>	1 Credit One Year

Fine Arts

COURSE	DESCRIPTION	CREDITS
<p>7250</p>	<p align="center">Advanced Placement Studio Art \ Regents Portfolio Class</p> <p>Students will be admitted to this class upon approval of the Art Department. This course prepares the student for college interviews and culminates with a portfolio of work which completes a three year Regents sequence. Class meets four times a cycle and requires considerable independent work, including 1 period per cycle of R.C. time. Students will be expected to complete a summer assignment which will be due the first day of class. Advanced Placement credit in Studio Art may be achieved by taking this course and fulfilling all requirements of the College Board Advanced Placement Program.</p>	<p align="center">1 Credit One Year</p>
<p>7260</p>	<p align="center">Graphic Design</p> <p>This is an introductory course to graphic design, the art of visual communication that combines images, words, and ideas to convey information to an audience. Students will learn the basics techniques of layout design, typography and how to use and apply the elements and principles of design on different types of media (such as posters, flyers, packaging, and publishing). Students will learn how to use graphic software programs such as Adobe Illustrator, Photoshop and InDesign.</p>	<p align="center">1 Credit One Year</p>
<p>7105</p>	<p align="center">Music and Culture</p> <p>This introductory course explores the relationship between Music and culture in its various definitions. Students will learn about various musical genres in American society and across the globe, and they will consider how music and media influence society and popular culture and how tradition and national heritage are preserved through music. Students will explore music's role and importance in their lives and will develop heightened consciousness of the way the music they engage with, whether as consumers or as artists, influences how they define their own personal identities.</p>	<p align="center">1/2 Credit Semester</p>

Fine Arts

COURSE	DESCRIPTION	CREDITS
7116	<p style="text-align: center;">Kearney Chorus</p> <p>This course is designed for those who love to sing - beginner, intermediate and advanced singers; all are welcome! The students will build vocal technique as they prepare to perform choral repertoire of various genres. They will also study the basics of musical notation and learn about famous composers, performers, and choral works. The members of the Kearney Chorus will perform for the Christmas Assembly and the Student Awards Assembly in June.</p>	1 Credit One Year
7170	<p style="text-align: center;">Freshmen Band</p> <p>This is a full-year course offered to any Freshman student who is a beginner, intermediate or advanced player of the following instruments: flute, clarinet, saxophone, trumpet, French horn, trombone, baritone horn or drums. Students are required to be members of the Kearney Marching/Concert Band. Attendance at two weekly afternoon rehearsals, as well as, parades and concerts is required.</p>	1 Credit One Year
7175	<p style="text-align: center;">Band</p> <p>This is a year course for Sophomores, Juniors and Seniors who are members of the school band. Students will receive credit for attendance and participation at rehearsals, concerts and parades. Meeting times take place after school and during some evenings, weekends, and holidays.</p>	1 Credit One Year
7120	<p style="text-align: center;">Piano 1</p> <p>This is a full-year course for Sophomores, Juniors, and Seniors for which the student receives a full credit upon completion. The class is intended for all beginner and intermediate players. The student follows the <u>John Thompson Piano Course</u> (Grades I, II and III).</p>	1 Credit One Year



Bishop Kearney High School

BUSINESS & COMPUTER SCIENCE

Today's global society demands that our students understand the nature and expectations of today's ever-changing business world and the impact of technology on business. Through business and computer science courses, students will:

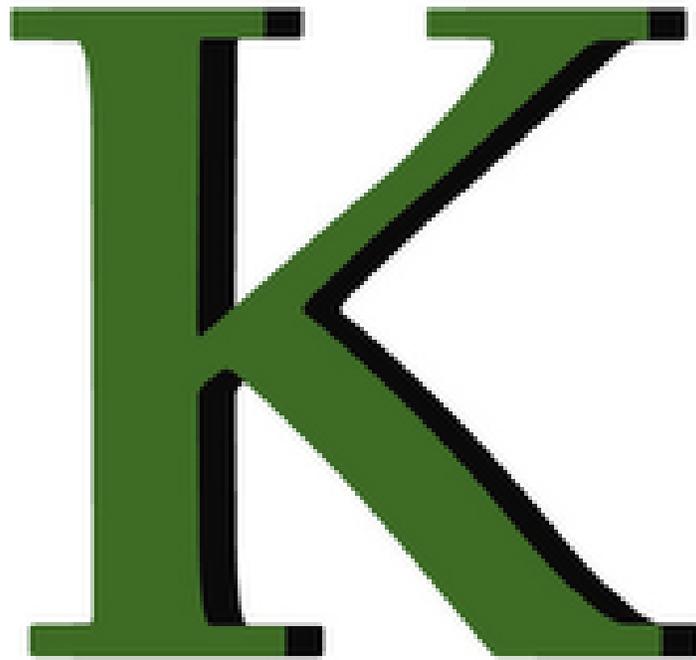
- Acquire the technology skills needed both for college and career readiness.
- Identify key differences between the applications and protocols of personal computer use AND the applications and protocols of professional computer use.
- Evidence their knowledge of standard business and communication skills.
- Develop the confidence and agility required for active problem-solving, researching, and self-teaching so that they are accustomed to learning emerging technologies independently in order to remain current and maximize productivity.

Courses in this area align to the overarching Common Core goals that compel students to hone the critical, creative and collaborative skills necessary for lifelong learning and real-world success.

Computer Science courses are affiliated with Project Lead the Way, the nation's premier STEM-focused organization; PLTW CS courses are hands-on, project-based courses designed to empower students to become creators, instead of merely consumers, of the technology around them.

Business & Computer Science

COURSE	DESCRIPTION	CREDITS
7300	<p>Intro to Computer Science (PLTW) Designed to be the first computer science course for students who have never programmed before, ICS is the first course in our Project Lead the Way Computer Science program. Students work in teams to create apps for mobile devices using MIT App Inventor®. They explore the impact of computing in society and build skills in digital citizenship and cybersecurity. Beyond learning the fundamentals of programming, students build computational thinking skills by applying computer science to collaboration tools, modeling and simulation, and data analysis. In addition, students transfer the understanding of programming gained in App Inventor to text-based programming in Python® and apply their knowledge to create algorithms for games of chance and strategy. This course contains a significant amount of interdisciplinary content.</p>	1 Credit One Year
7485	<p>Technology for the Business World While building a working knowledge of the Microsoft Office Suite of applications, as well as other software, students will develop proficiency in applying the integrated applications to their future business experiences, focusing on productivity and efficiency. Topics include:</p> <ul style="list-style-type: none"> • creating and executing business presentations using presentation software. • spreadsheets for business use. • resume formatting and writing. • formatting business and legal documents and reports. • database basics. <p>Must be taken with Marketing for the Entrepreneur</p>	1/2 Credit One Year
7486	<p>Marketing for the Entrepreneur This course will focus on the basics of 21st Century marketing techniques with a slant toward entrepreneurship. Important attention will be paid toward how current technology is changing marketing and advertising plans for all businesses with a spotlight on small businesses and entrepreneurs. Must be taken with Technology for Business</p>	1/2 Credit One Year



Bishop Kearney High School

"Athleticism is a gift, and we nurture that gift at Kearney. Participation in sports teaches our young women to be team players who aren't afraid to take a chance."

- Dr. Margaret Minson, President

PHYSICAL EDUCATION & HEALTH

The Physical Education & Health Department strives to inspire a lifelong commitment to physical activity through a variety of positive experiences in sports, activities, games and Dance. Every class will challenge students cognitively, affectively and physically, ultimately resulting in an enhancement of physical and social skills as well as character.

We strive to instill within each student respect for herself, physical activity, and other individuals through class participation and sport interaction. Each department member is well educated in her field and is determined to transfer this knowledge to all students through an informative, safe, active, and fun experience.

Upperclasswomen have the option of enrolling in Dance, Advanced Dance, Strength & Conditioning or Physical Education.

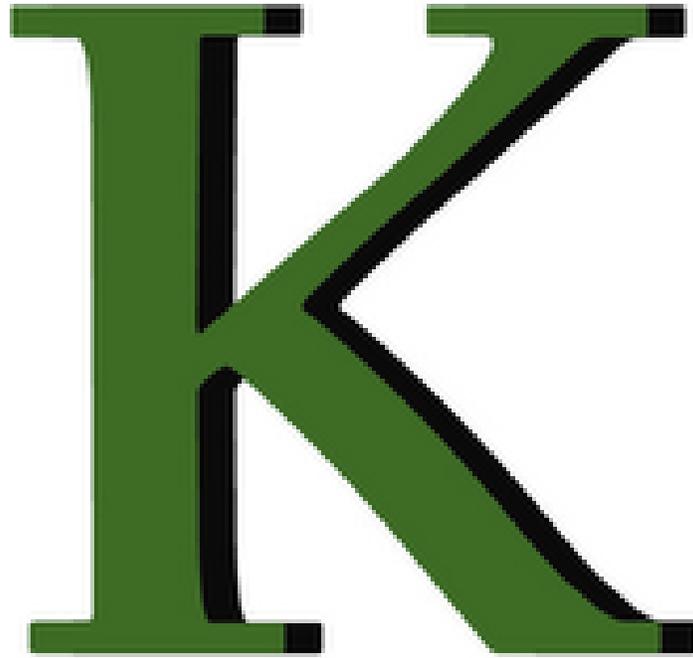
Physical Education & Health

COURSE	DESCRIPTION	CREDITS
8250	<p style="text-align: center;">Physical Education 9 / 10</p> <p>This is an introduction to the basic skills, rules, and regulations involved in specific team sports and activities. Students will learn the necessary knowledge and skills to establish and maintain physical fitness, participate in physical activity, and maintain personal health. The purpose of this course is to have students demonstrate competency in a variety of motor skills and movement patterns.</p>	<p>1/2 Credit One Year</p>
8450	<p style="text-align: center;">Physical Education 11 / 12</p> <p>The course is designed to build upon students' previous foundation in team sports and to introduce students to the fundamental skills, rules, and regulations of individual and dual sports. This course will introduce new sports to foster recognition of the value of physical activity for health, enjoyment, challenge, self-expression and/or social interaction. It incorporates a more in-depth understanding of strategies, plays, and game situations. Students will be able to apply knowledge of concepts, principles, strategies, and tactics related to movement and performance. This course will incorporate the knowledge and skills necessary to establish and maintain physical fitness and personal health.</p> <p>Continuation Sports : Volleyball, Basketball, and Wiffle Ball/Badminton. New Sports: Pillow Polo, Flag Football, Team Handball, and Lacrosse.</p>	<p>1/2 Credit One Year</p>
8500	<p style="text-align: center;">Dance</p> <p>Our first-year dance curriculum will include four areas of concentration: ballet, jazz, hip-hop, and choreography. Within each discipline, students will be challenged to apply higher-order thinking and creativity as they build both physical skill and expressive capability. Topics include: proper alignment, balance, control, ballet fundamentals, the anatomy of movement, freedom of movement, and commonalities of movement across genres. This course culminates with students showcasing their knowledge and understanding of dance through a guided choreography experiment. Within select parameters, students will have the freedom to show their own individualism and expression through movement.</p>	<p>1/2 Credit One Year</p>

Physical Education & Health

COURSE	DESCRIPTION	CREDITS
<p>8600</p>	<p style="text-align: center;">Advanced Dance</p> <p>This course will deepen and extend the foundational work completed in Dance. The first quarter will focus on <i>lyrical</i> dance. This style of dance is considered a storytelling dance. It is an infusion of jazz and ballet technique. The second quarter will focus on improvisational dance. The third quarter will be a group choreography project and the fourth quarter will be a solo choreography project. This entire year will have emphasis on creativity and individualism.</p>	<p>1/2 Credit One Year</p>
<p>8800</p>	<p style="text-align: center;">Strength & Conditioning</p> <p>This course is designed to promote lifelong fitness. Based on individual goals, students will learn how to build a work out plan to ensure success. Students will gain an understanding of the sciences behind strength training and will have ample opportunity in class to test their theories.</p>	<p>1/2 Credit One Year</p>
<p>4600</p>	<p style="text-align: center;">Health: The Quality of Life</p> <p>This course is designed to cover a comprehensive spectrum of health-related topics. The fundamental goal will be to understand the processes and attitudes required to maintain a high level of physical, emotional, psychological, social and intellectual health.</p> <p>*This course is a New York State required course.</p>	<p>1/2 Credit Semester</p>

Student Services



Bishop Kearney High School Student Services

Student Services at Bishop Kearney High School is comprised of a professional and caring staff. Our wide scope of support services ensures that students achieve success at all levels. Guidance Counselors remain with students throughout their high school years and have an opportunity to establish a strong mentoring relationship and support system instilling a sense of community between the counselor and the student. Continued assistance, direction and encouragement are essential to students' development, allowing each to reach their full potential and achieve their personal best.

College and career readiness are of paramount importance and are a primary focus in Guidance classes throughout students' four years at Bishop Kearney. Counselors engage students in a variety of college and career readiness experiences and processes; Naviance software, as well as CollegeSpring and Google Classroom assignments and diagnostic assessments, help to ensure that students are both prepared and well-informed.

All students meet formally with their Counselor once a week in a comfortable setting with an average of 10-12 students in each group. These meetings allow students to become acquainted with each other and their counselor where discussions are centered on relevant topics specific to the grade level.

The goal is to develop a student who is a life-long learner through activities that promote and encourage social and interpersonal skills as well as organizational and problem solving abilities ensuring adaptability in a changing global landscape.

**Feel free to contact the Student Services Department with any questions:
718-236-6363 ext. 222**

Student Services

COURSE	DESCRIPTION	CREDITS
<p>9010</p>	<p style="text-align: center;">Freshman Guidance</p> <p>Freshman year is focused largely on the successful transition to high school. Students are monitored to ensure academic success and guided to establish realistic goals. They are encouraged to become involved in the Bishop Kearney community with the exploration of interests through participation in the many co-curricular and extracurricular activities offered. Students quickly become successfully engaged in the Kearney “family” and begin their journey to form a cohesive class with a bond of friendship and concern for each other that is fostered and developed through their high school journey. Students begin work with Naviance, a college planning and search tool, and also take the PSAT exam as they are introduced to the college readiness process.</p>	
<p>9020</p>	<p style="text-align: center;">Sophomore Guidance</p> <p>Sophomores begin with preliminary discussions of post-secondary educational choices and a second opportunity for standardized college testing with the administration of the PSAT. With the assistance of their Guidance Counselor and Naviance software, students begin to explore and develop educational plans that are aligned with their specific interests and talents. Discussions concerning career choices and personality assessments are completed with the student to help determine interests and abilities that correlate to specific career choices. On a personal level, students are also encouraged and supported as they develop positive attitudes toward themselves and each other. Social issues, conflict resolution, tolerance and effective decision making are explored and discussed.</p>	

Student Services

Junior Guidance

9030

Junior year begins with structured lessons and frequent discussions concerning the college admissions process. CollegeSpring, an in-school SAT / ACT test preparation program, is begun during Junior year; this is a year-long curriculum-based program that prepares students to score high on college entrance exams. Students are provided with content-based instruction, quarterly diagnostic SAT administrations, and one hour of weekly mentoring by near-peer (college-aged) mentors in the spring. There is no additional fee for participation in CollegeSpring.

Comprehensive college and career planning tools, including Naviance, are also available to students and their families both in and out of school. The college adviser works closely with the students in Junior year as they prepare for Senior year and the college admissions process.

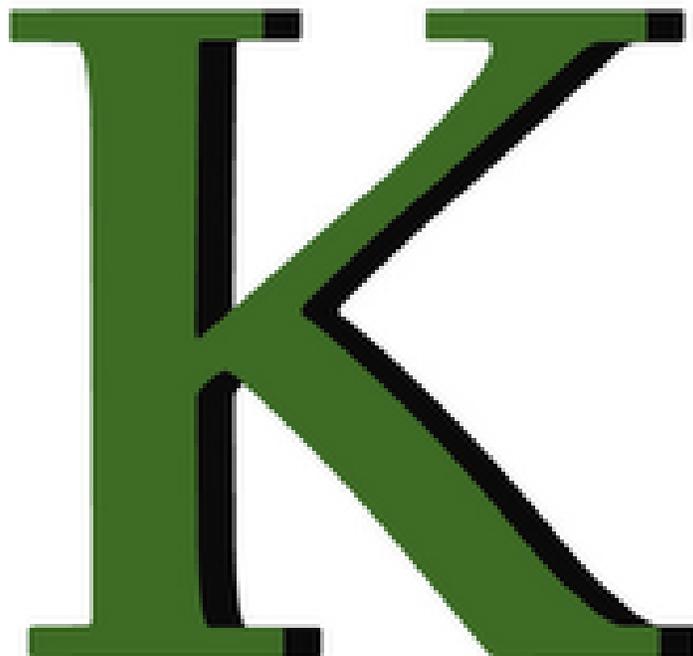
In addition, students are supported through the process of selecting courses for Senior year that are aligned with the student's strengths, interests and goals. The continued rigor of academics that maximizes post-secondary choices for every student are carefully discussed and finalized.

Senior Guidance

9040

Senior year students work closely with the college counselor through the college admissions process. Careful and individual attention is paid to each student. With the college counselor, students compile a college list, write their college essays, and prepare a finalized resume during Senior year. As students and parents navigate the college process, they are given numerous opportunities for both individual and group meetings that explore options for choosing and completing applications, understanding financial aid and scholarships, and embarking on the successful transition from high school to college.

Online Learning



Bishop Kearney High School

Online Learning

As students prepare to enter post-secondary and career arenas, they will encounter a variety of settings and formats for learning. In addition to engaging in traditional live courses, they will be expected to access and navigate content online. They will also be required to demonstrate their knowledge and skills via online assessment platforms.

With this in mind, students are highly encouraged to enroll in online courses at no additional charge.

Our career-focused online electives, as well as our online Middlebury Language offerings, provide students with expanded opportunities for career exploration, as well as, valuable experience using a variety of learning platforms, thus enabling them to make more informed choices when they register for college courses.

Online Learning

Nutrition and Wellness 0.5 credit

This one-semester elective course provides students with an overview of good nutrition principles that are necessary for physical and mental wellness and a long, healthy life. Instructional materials include discussions of digestion, basic nutrients, weight management, sports and fitness, and life-span nutrition. The Nutrition and Wellness course emphasizes an understanding of today's food and eating trends and gives students the capacity to intelligently evaluate all available sources of nutrition information and make informed decisions. The course is organized in six units: Course Introduction; Wellness and Food Choices in Today's World; Digestion and Major Nutrients; Body Size and Weight Management; Physical Fitness, Sports Nutrition, and Stress; and Life Cycle Nutrition.

Psychology 0.5 credit

In this one-semester course, students investigate why human beings think and act the way they do. This is an introductory course that broadly covers several areas of psychology. Instructional material presents theories and current research for students to critically evaluate and understand. Each unit introduces terminology, theories, and research that are critical to the understanding of psychology and includes tutorials and interactive exercises. Students learn how to define and use key terms of psychology and how to apply psychological principles to their own lives. Unit topics include: Methods of Study, Biological Basis for Behavior, Learning and Memory, Development and Individual Differences, and Psychological Disorders.

Veterinary Science 0.5 credit

As animals play an increasingly important role in our lives, scientists have sought to learn more about their health and well-being. In this course, students take a look at the animals that live in our homes, on our farms, and in zoos and wildlife sanctuaries, and examine some of the common diseases and treatments for domestic animals. They also learn about toxins, parasites, and infectious diseases that affect not only the animals around us, but at times, humans as well! The course provides an overview of veterinary medicine and science, and how the prevention and treatment of diseases and other health issues are studied and applied.

Online Learning

Biotechnology: Unlocking Nature's Secrets

0.5 credit

In today's world, biotechnology helps us grow food, fight diseases, and create alternative fuels. In this course, students will explore the science behind biotechnology and how this science is being used to solve medical and environmental problems.

Environmental Science *0.5 credit*

Environmental Science is a multidisciplinary field that draws from the physical sciences in addition to other fields. This course teaches the connection between all living organisms within an ecosystem. It helps students better understand the impact humans have on the world around them and the ways in which individuals can influence the environment through their actions.

Environmental Science explains the concept of biome as a region defined by a specific climate, plant life, and animal community. Content highlights the critical value of clean water, the impact of pollution, agricultural and population issues, and various types of existing and future energy resources and technologies.

Green Design and Technology *0.5 credit*

This course examines the impact of human activities on sustainability while exploring the basic principles and technologies that support sustainable design. Students learn about the potential for emerging energy technologies such as water, wind, and solar power. They find out how today's businesses are adapting to the increased demand for sustainable products and services. In this course, students develop a comprehensive understanding of this fast-growing field.

Engineering Design/CAD *0.5 credit*

Computer-aided design systems are used by designers and manufacturers in virtually every industry to create engineering design solutions. In this course, students are introduced to engineering, learning the basics of CAD software: creating points, lines, other geometric forms, isometric drawings, and 3D models. They learn how to translate initial concepts into functional designs and 3D walkthroughs and explore career options in this hands-on introductory-level course.

Online Learning

Computer Science 0.5 credit

This course introduces students to computer science concepts such as computer architecture, networks, and the Internet. Students use object-oriented programming, event-driven processes, modular computer programming, and data manipulation algorithms to produce finished software programs. They use the design process to create many programs by determining specifications, designing the software, and testing and improving the product until it meets the specifications. By the end of this course, students will have a solid foundation for further study in computer science.

Law and Order / Legal Studies 0.5 credit

Every society has laws that its citizens must follow. From traffic laws to regulations on how the government operates, laws help provide society with order and structure. Consumer laws help protect society from faulty goods; criminal laws help protect society from individuals who harm others; and family law handles the arrangements and issues that arise in areas like divorce and child custody. By understanding the workings of our court system, as well as how laws are actually carried out, students learn how our lives are guided and regulated by our society's legal expectations—and become more informed and responsible citizens.

Forensic Science 0.5 credit

This one-semester course surveys key topics in forensic science, including the application of the scientific process to forensic analysis, procedures and principles of crime scene investigation, physical and trace evidence, and the law and courtroom procedures from the perspective of the forensic scientist. Through online lessons, virtual and hands-on labs, and analysis of fictional crime scenarios, students learn about forensic tools, technical resources, forming and testing hypotheses, proper data collection, and responsible conclusions. Prerequisites for Forensic Science are at least two years of high school science, including Biology (or equivalent); Chemistry is highly recommended.

Online Learning

Online World Language Offerings

1 credit each

- French
- German
- Japanese
- Latin
- Mandarin
- Advanced Placement Spanish

**Bishop Kearney proudly offers
Middlebury Interactive Languages (MIL).**

This award-winning joint venture has combined Middlebury College's nearly 100 years of expertise in World Language immersion instruction with FuelEd's cutting-edge content delivery technology. MIL's courses are specifically aligned to ACTFL (American Council on the Teaching of Foreign Languages) standards.

