

BISHOP CANEVIN HIGH SCHOOL



FRESHMAN COURSE CATALOG *2020-2021*

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RELIGIOUS EDUCATION

- 110 Sacred Scripture and Christology.** The students will gain an in-depth understanding of God's covenant given and renewed throughout the Old Testament and ultimately fulfilled through Jesus Christ in the New Testament. While journeying with the Israelites through scripture, the students will come to know the history and religion of Judaism and thereby the context of Jesus' life as a Jew. Special attention will be given to the Pentateuch as the basis for Judaism. It will be noted throughout the course how the people, places and events prefigure Jesus and the Church in the New Testament. Building on the foundation of the Old Testament, the historical and cultural context of the New Testament will be presented. While exploring the four gospels in depth, the students will encounter Jesus Christ as, Priest, Prophet and King; Messiah, Savior and Son of God. The students will come to understand Jesus as the fulfillment of the covenant and the fullness of God's revelation. The question posed by Jesus Himself is "Who do you say that I am?"

ENGLISH COURSE DESCRIPTIONS

FRESHMAN ENGLISH will be skills-oriented. Students have different levels of competence in language arts skills and, as evidenced in their placement tests, some need more work, especially in writing. In addition, students will be given an introduction to major literary genres (myths, short stories, novels, drama, and poetry) as well as the writing process.

- 202 Freshman English.** Students who have experienced difficulty in language arts, reading or literature are assigned to this freshman course. Using a reading and writing-intensive approach, this course stresses competency in writing and basic reading skills (oral reading, comprehension, vocabulary, and character evaluation). The writing assignments are patterned after the genres of literature studied. These genres include: mythology, Greek drama, Shakespearean drama (excerpts), modern drama (*Twelve Angry Men*), short stories, poetry, and the novel. Vocabulary skills, oral communication and grammar skills will be covered throughout the year.
- 203 Freshman English.** This course is an introduction to the major literary genres. These areas include: short stories, Greek drama, Shakespearean drama, modern drama, poetry, and the novel. Students will interpret and imitate the genres being studied in the form of expository essays and creative writing. Vocabulary skills, oral communication, and grammar skills will be covered throughout the year. Methodology: Teacher presentation, in-class reading, independent reading, oral/written drills, small/large group discussions, oral presentations, and selected films. Students will read selections from the following list: Novels: *The Hound of the Baskervilles*, *Flowers for Algernon*; Drama: *Julius Caesar*, *Medea*, *The Miracle Worker*, *Twelve Angry Men*
- 204 HN Freshman English.** This Freshman English program involves mastery of the writing process and requires intellectual curiosity as students critically analyze and incorporate the elements of the literary genre being studied in expository essays and creative writing projects. The genres studied include: Greco-Roman mythology (various selections), Greek drama (*Medea*), Shakespearean drama (*Julius Caesar*, *Romeo and Juliet*), modern drama (*Our Town*, *Twelve Angry Men*), short stories, contemporary poetry and narrative poetry the novel (*Flowers for Algernon*, *The Hound of the Baskervilles*). Students will keep a writer's journal.
- 80 Reading Lab.** A reading-language arts lab, provided by the Intermediate Unit, helps students improve reading, language and writing skills. Using non-traditional methods, with the help of computers, daily newspapers, magazines and various literature selections, the program works with students who have not been successful in a regular classroom setting. By exposing students to media with which they are familiar, the lab tries to motivate students to improve basic skills and enjoy the process.

SOCIAL STUDIES COURSE DESCRIPTIONS

- 315 Modern World Studies.** This course will offer an introduction to the disciplines of history and social science, focusing on the study of the world's people, communities, and cultures. Topics will include physical geography, population, cultural patterns and processes, political organization of nations, agriculture and rural land use, industrialization and economic development, cities and urban land use. The course will also use modern current events to understand the global issues facing our world today.
- 316 Modern World Studies.** This course will offer an introduction to the disciplines of history and social science, focusing on the study of the world's people, communities, and cultures. Topics will include physical geography, population, cultural patterns and processes, political organization of nations, agriculture and rural land use, industrialization and economic development, cities and urban land use. The course will also use modern current events to understand the global issues facing our world today. There is a strong emphasis on information processing skills such as comparing and contrasting, classifying, and hypothesizing over the course of the year.
- 317 HN Modern World Studies.** This course will offer an introduction to the disciplines of history and social science, focusing on the study of the world's people, communities, and cultures. Topics will include physical geography, population, cultural patterns and processes, political organization of nations, agriculture and rural land use, industrialization and economic development, cities and urban land use. The course will also use modern current events to understand the global issues facing our world today. Throughout this course the students will develop critical reading skills through analyzing, synthesizing, and developing solutions pertaining to current global issues.

MATHEMATICS COURSE DESCRIPTIONS

- 414 Algebra I.** This course is designed to strengthen students' basic math skills and their understanding of algebraic concepts. Topics presented include: evaluating algebraic expressions, solving linear equations, functions, operations with polynomials, operations with algebraic fractions, solving quadratic equations, ratios and proportions, integral exponents, equations in two variables, slope, and systems of equations.
- 416 Algebra I.** This course is for students who have had a background in algebra in elementary school but have not demonstrated sufficient mastery to move into an accelerated level. Topics presented include: evaluating algebraic expressions, solving linear equations, functions, operations with polynomials, operations with algebraic fractions, solving quadratic equations, ratios and proportions, integral exponents, equations in two variables, slope, and systems of equations.
- 417 HN Algebra I.** This accelerated math course is designed for those students who have been exposed to Algebra I in elementary school, but have not yet mastered the subject sufficiently to move on to Honors Algebra II. Topics presented include evaluating algebraic expressions, solving linear equations, functions, operations with polynomials, operations with algebraic fractions, solving quadratic equations, ratios and proportions, integral exponents, equations in two variables, slope, and systems of equations. Applications are emphasized throughout the course. Topics are presented in more depth at this level.
- 436 Algebra II.** Students in this course are expected to have a good command of basic math and algebraic skills. Topics covered include number systems, solving one variable, literal and absolute value equations as well as systems of equations and inequalities. Polynomial, radical, and exponential equations are also presented. Functions, factoring, operations with polynomials, transforming linear, quadratic, and polynomial functions, irrational and imaginary numbers are covered in this course, as well as conic sections. Application problems are presented throughout.
- 437 HN Algebra II.** Emphasis throughout this course is on reading, analyzing and solving application problems, and SAT related problems. Topics include the real number system, operations with rational, irrational, and imaginary numbers, as well as solving literal, absolute value, polynomial, radical and exponential equations. Inequalities, systems of equations, functions, and their graphs are also presented. A TI-83 or TI84+ is required.**445 Algebra II.** This course consists of a review of Algebra I and an introduction and extension of basic algebra skills and concepts. Topics covered include number systems, solving one variable, literal and absolute value equations as well as systems of equations and inequalities. Polynomial, radical, and exponential equations are also presented. Functions, factoring, operations with polynomials, transforming linear, quadratic, and polynomial functions, irrational and imaginary numbers are covered in this course, as well as conic sections.

SCIENCE COURSE DESCRIPTIONS

- 513 Biology.** This course will begin with the study of the history and philosophy of life science including the procedure of the scientific method. Students will study the tools used by biologists to study living organisms through laboratory activities. Students will be expected to demonstrate their knowledge of laboratory materials, safety, and proper procedure throughout the school year. Students will explore basic principles of chemistry as a foundation for biochemistry and the basic units of structure and function of all living organisms. Students will gain an understanding of fundamental structures within a cell and study cell division. Students will study genetics and classification of organisms.
- 514 Biology.** This course will begin with a study of the history and philosophy of science including the methods of science. In addition, students will study the tools used by biologists to study living things through the laboratory activities that are a part of this course. Students will be expected to demonstrate their knowledge of laboratory materials, laboratory safety and proper procedure. A study of some basic principles of chemistry will serve as a foundation for the study of biochemistry which will lead to the study of the basic units of structure and function of all living things - cells. Through their study of viruses, bacteria and other simple organisms, students will gain an understanding of the most fundamental structures and functions that are characteristic of living things. In addition students will study more complex organisms and the relationship between their complex structures and their ability to perform the basic functions of life.
- 515 HN Biology.** This is a comprehensive honors course that begins with the history and philosophy of science and extends to the predominant themes of Biology. Subjects to be studied include Biochemistry, Cell Structure and Function, Photosynthesis, Cellular Respiration, Cellular Reproduction, and Genetics. This course includes a laboratory period in which students will be expected to learn and demonstrate scientific techniques using microscopes and other equipment and materials to study specimens.
- 535 HN Chemistry.** This is a full year honors course in chemistry for college bound students planning a career in science. It is designed to cover in-depth the following topics: matter and its structure, periodic properties; formula and equation writing; stoichiometry relationships; properties of solids, liquids and gases; solutions; ionization, and acid-bases, and salts. Basic laboratory skills in chemistry are developed through investigations with matter. Students in this class are encouraged to get involved in extra-curricular science related activities outside the classroom, such as designing, completing and presenting an individual experimental project, entering science related competitions or participating in science programs offered by colleges, universities and other science organizations.

WORLD LANGUAGE COURSE DESCRIPTIONS

- 621 Spanish 1.** This introductory course provides students with basic language skills that focus around fundamental vocabulary and grammar topics. The student centered environment will engage students in a variety of learning activities that will help develop their total language acquisition skills—reading, writing, speaking, and listening to the language.
- 624 Spanish 2.** In order to be placed into this level, students must have successfully completed Spanish I (621). This course will offer students a more intermediate level of language acquisition skills with a greater emphasis on grammar. In addition, students will be required to participate in intermediate writing and speaking activities regularly. Finally, students will also be required to call on 21st century learning skills and technology use to supplement their work.

**With a passing score on a placement exam, freshmen with a strong background in Spanish may be recommended for this level of Spanish in order to pursue college language study in College in High School (CIHS) Spanish and/or Advanced Placement Spanish language classes.

- 642 Latin I.** Beginning Latin I is an introductory course in the pronunciation, vocabulary, and basic grammatical structures of the Latin language. Students will begin to develop a competence in reading the language through Latin stories illustrating the mythological history of Rome. In addition to a focus on vocabulary and grammatical forms, students will gain competence in speaking the language through basic conversational Latin. Students will study and appreciate the influence of ancient language, history, and culture on the modern world and will also learn over one hundred common Latin phrases that are used in English today. Prayers to be learned include the Signum Crucis, Pater Noster, Ave Maria, Gloria Patri, Salve Regina, Requiem Aeternam, and Regina Caeli.

ELECTIVE COURSE DESCRIPTIONS

- 912 Art Fundamentals.** This half credit, full year course is designed as an introduction to the basic elements and principles of art. The student uses these concepts in completing assignments, along with learning about and appreciating related aspects of art history. Different kinds of art materials are also used throughout the course, including oil pastels, tempera paint, papier mache, and textiles.
- 925 Music Lab.** This is a non-performance course will experiment with various styles of music. The class will consist of singing, learning music notation, and basic musicianship skills. Students will learn the history behind the music rehearsed and about the process of recording live music.
- 920 Beginning Studio Art.** The full year program of Beginning Studio Art is designed to give a concentrated study of drawing, painting, sculpture, and printmaking. In each of these areas the student has the opportunity to experiment with different techniques and media on both assigned and personal choice ideas. Materials will include clay, plaster, pen and ink, charcoal, pencil, watercolor, tempera paint, and printing ink. Various subjects are selected for homework drawing assignments in this class.
- 951 Concert Band.** The Bishop Canevin Concert Band is a **performance-based** ensemble that performs for the annual *Christmas in the Courtyard* event, the Spring Concert, the annual Commencement Ceremony and various school and community functions. The Concert Band performs a wide variety of wind band repertoire.
- 954 Honors Band (Marching and Concert).** The Bishop Canevin Marching Crusaders is a **performance-based** organization composed of Instrumentalists and Crusettes. The Marching Crusaders combine musical skill and visual artistry in a finely polished field performance unit. The Marching Crusaders appear at all home and away football games and at various school and community functions.

Participation in the Marching Crusaders requires a commitment to summer rehearsals where allowances are made for summer vacations. During the school day, members will participate in the **Concert Band** whose requirements are included in this course selection. Crusettes who play in Concert Band are eligible for this course selection.