

Bishop  
John J.  
 Snyder  
High School

**2016-2017**  
**Course Catalog**

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World Languages	15
Physical Education	17
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## GRADUATION REQUIREMENTS\*

English	4 credits
Math	4 credits
Religion	4 credits
Social Studies	3 credits
Science	3 credits
Foreign Language	2 credits (same language)
Physical Education	1 credit
Practical/Performing Art	1 credit (see list of available options below)
Electives	6 credits**
Christian Service	25 hours per year

\*Students must maintain a cumulative **2.00 grade point average (GPA)** in order to graduate.

\*\*Students may opt to take additional core academic courses in the 11<sup>th</sup> and 12<sup>th</sup> grade to fulfill this requirement.

### BASIC COURSE SEQUENCE

<u>9<sup>TH</sup> GRADE</u>	<u>10<sup>TH</sup> GRADE</u>	<u>11<sup>TH</sup> GRADE</u>	<u>12<sup>TH</sup> GRADE</u>
Religion	Religion	Religion	Religion
English I	World Literature	American Literature	British Literature
Math	Math	Math	Math
P.E.	World History	American History	Economics/Gov
Biology	Chemistry	Physics*	Elective
World Language I	World Language II	Elective	Elective
Elective	Elective	Elective	Elective

\*Recommended, but not required

### **The following courses fulfill the practical/performing art requirement:**

2-D Art I	Band I-IV	Computer Applications
3-D Art I	Chorus I-IV	Graphic Design
2-D/3-D Art Comprehensive	Guitar I	Visual Tech (Yearbook)
Art Portfolio	World Music Exploration	

### Parents of all students are encouraged to:

- assist the student in choosing elective courses.
- expect the student to resolve misunderstandings with his/her teacher. It is important for high school students to learn to work independently and through proper channels.
- communicate and work with the student's assigned teachers, department chairpersons and the guidance office, if necessary.

## **CRITERIA FOR HONORS and ADVANCED PLACEMENT COURSES**

Criteria for placement in an **HONORS** course:

1. Teacher recommends the student after evaluating the student's ability to:
  - a) work independently
  - b) follow directions
  - c) demonstrate intellectual maturity and commitment to academics
  - d) maintain a positive attitude
  - e) complete all required assignments
  - f) exhibit excellent behavior
  
2. At the time of teacher recommendation (early in the fourth quarter), the student has an overall average of 80 or better in the previous subject-related **HONORS** course or an overall average of 90 or better in the previous subject-related **STANDARD** course.

NOTE: Honors courses in science and math may require that additional criteria be met. See the *prerequisites* listed for each course.

NOTE: Students must have an overall average of 85 or better in world language classes in order to be recommended for an honors-level course.

**Waiver requests (maximum of 2) must be submitted to Guidance and require a cumulative weighted GPA of at least 2.50, a parent conference, and approval of the Dean of Academics.**

To be eligible for an **AP** course, the student must have an overall average of 90 or better in the subject-related honors course **or** an overall average of 80 or better in the subject-related AP course **and** approval of both the current teacher and the AP teacher. Note that tenth-grade AP World History placement is conducted by a committee of 9<sup>th</sup>-grade teachers and the Dean of Academics. **AP placement decisions cannot be appealed or waived.**

NOTE: All students who enroll in an AP course are required to take the AP Examination at a cost of \$92 (at time of printing).

### **ONLINE COURSE REQUESTS**

1. Students must log on to their PlusPortals *student* account and choose the **Course Request** option from the navigation bar at the top of the home page.
2. Click **View/Edit** beside *2016-2017 Course Request Form*.
3. All of the 2016-2017 course offerings will be listed by subject. Teacher recommendations specific to each student will be at the top of each course group.
4. Select all of the courses (totaling exactly 7 credits) requested. NOTE: Students may only select *teacher-recommended* honors and AP courses.
5. At the bottom of the page, click **Save and Revisit Later** or, when the form is complete, **Submit**.

It is important to remember that these are *requests*, subject to review. Each student will meet with his or her guidance counselor prior to schedule finalization.

## PLACEMENT AND SCHEDULE CHANGE POLICY

Freshman placement in English, mathematics, and science will be determined by the Placement Committee based on teacher recommendations, the 8<sup>th</sup> grade report card, standardized test scores, and placement test results (EXPLORE). Students will be advised of their course assignments by mail or email. Elective, PE, and world language preferences will be indicated by each student on the Course Selection Form mailed out in April.

For current BJS students, placement in all core-subject courses will be based on teacher recommendations and grades earned while at BJS. Some elective classes require approval as well. Direct any questions regarding placement or approval to Guidance.

Schedule change requests must be submitted for consideration **by the end of the first full week of classes**, after which only *teacher*-initiated changes will be considered. All schedule changes require approval of the Dean of Academics and are subject to class-size limitations and master schedule constraints.

# RELIGION

*The Religion department works collaboratively with the Office of Campus Ministry to prepare students for living in the light of Christ's message in today's world. This is accomplished through a combination of academic coursework, annual retreats and days of reflection, liturgical celebrations and missionary initiation. The curriculum includes eight semester-long courses dealing with themes that are central and fundamental to a life of faith. Additionally, student graduation requirements include 25 hours per year of approved Christian service.*

## **RELIGION 9A (.5 credit)**

### ***The Revelation of Jesus Christ in Scripture***

The purpose of this course is to give students a general knowledge and appreciation of the Sacred Scriptures. Through their study of the Bible they will come to encounter the living Word of God, Jesus Christ. In the course, students will learn about the Bible, authored by God through Inspiration, and its value to people throughout the world. They will learn how to read the Bible and will become familiar with its major sections and the books included in each section. Particular attention is given to the Gospels so that students may come to know and love Jesus Christ more personally.

## **RELIGION 9B (.5 credit)**

### ***Who is Jesus Christ?***

The purpose of this course is to introduce students to the mystery of Jesus Christ, the living Word of God, and the Second Person of the Blessed Trinity. In this course, students will come to understand that Jesus Christ is the ultimate Revelation to us from God. In learning about who He is, the students will also learn who He calls them to be.

## **RELIGION 10A (.5 credit)**

### ***The Mission of Jesus Christ (The Paschal Mystery)***

The purpose of this course is to help students understand all that God has done for us through His Son, Jesus Christ. In this course, students will learn that God has planned for us to share eternal happiness with him, which is accomplished through the redemption Christ won for us. Students will learn that they share in this redemption only in and through Jesus Christ. They will also be introduced to what it means to be a disciple of Christ and what life as a disciple entails.

## **RELIGION 10B (.5 credit)**

### ***Jesus Christ's Mission Continues in the Church***

The purpose of this course is to help students that in and through the Church they encounter the living Jesus Christ. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by Him through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today. This Body has both divine and human elements. In this course, students will learn about the sacred nature of the Church.

## **RELIGION 11A (.5 credit)**

### ***Sacraments as Privileged Encounters with Christ***

The purpose of this course is to help students understand that they can encounter Christ today in a full and real way in and through the sacraments, and especially through the Eucharist. Students will examine each of the sacraments in detail so as to learn how they may encounter Christ throughout life.

**RELIGION 11B (.5 credit)**  
***Responding to the Call of Jesus Christ***

The purpose of this course is to help students to understand the vocations of life: how Christ calls us to live. In this course, students will learn how the vocations of married life, single life, priestly life, and consecrated life are similar and how they differ. Students will learn what it means to live life for the benefit of others and the value of considering a vocation in service to the Christian community.

**RELIGION 12A (.5 credit)**  
***Life in Jesus Christ***

The purpose of this course is to help students understand that it is only through Christ that they can fully live God's plans for their lives. Students will learn the moral concepts and precepts that govern the lives of Christ's disciples.

**RELIGION 12B (.5 credit)**  
***The Gospel of Life***

The purpose of this course is to examine the meaning of human life as a gift of God, the fruit and sign of His love. The course will examine cultural, legislative, service and spiritual opportunities to respond to the present threats to life. Through the study of Sacred Scripture and Church documents, particularly the Encyclical Letter *Evangelium Vitae*, students will explore foundational principles and major themes of Catholic Social Doctrine and identify the many ways in which they can respond to life issues in a manner that is consistent with the teachings of the Church.

<h2 style="text-align: center;">LANGUAGE ARTS</h2>
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**ENGLISH I (1 credit)**

The purpose of this course is to provide students integrated language arts study in reading, writing, speaking, listening, language, and literature in preparation for college readiness.

**ENGLISH I HONORS (1 credit)**  
**Prerequisite: BJS Honors criteria and approval of Placement Committee**

The purpose of this course is to provide students integrated language arts study in reading, writing, speaking, listening, language, and literature in preparation for college readiness. Students will analyze and interpret texts of high complexity.

**ENGLISH II (1 credit)**

The purpose of this course is to provide students integrated language arts study in reading, writing, speaking, listening, language, and literature in preparation for college readiness. Students will survey works of world literature.

**ENGLISH II HONORS (1 credit)**  
**Prerequisite: BJS honors criteria**

The purpose of this course is to provide students integrated language arts study in reading, writing, speaking, listening, language, and literature in preparation for college readiness. Students will analyze and interpret texts of high complexity.

### **ENGLISH III (1 credit)**

The purpose of this course is to provide students integrated language arts study in reading, writing, speaking, listening, language, and literature in preparation for college readiness. Students will survey eighteenth-, nineteenth-, and early-twentieth-century foundational works of American literature.

### **ENGLISH III HONORS (1 credit)**

**Prerequisite: BJS honors criteria**

The purpose of this course is to provide students integrated language arts study in reading, writing, speaking, listening, language, and literature in preparation for college readiness. Students will survey eighteenth-, nineteenth-, and early-twentieth-century foundational works of American literature. Students will analyze and interpret texts of high complexity.

### **ENGLISH IV (1 credit)**

The purpose of this course is to provide students integrated language arts study in reading, writing, speaking, listening, language, and literature in preparation for college readiness. The student's experience with literature will include the works of Shakespeare.

### **ENGLISH IV HONORS (1 credit)**

**Prerequisite: BJS honors criteria**

The purpose of this course is to provide students integrated language arts study in reading, writing, speaking, listening, language, and literature in preparation for college readiness. The student's experience with literature will include the works of Shakespeare and texts of high complexity.

### **ADVANCED PLACEMENT ENGLISH LANGUAGE AND COMPOSITION (11<sup>th</sup> grade) (1 credit)**

**Prerequisite: BJS A.P. criteria**

The purpose of this course is to provide students with an understanding of the semantic, structural, and rhetorical resources of the English language as they relate to the principles of effective writing. The course also provides a variety of writing opportunities calling for the use of different styles and tones.

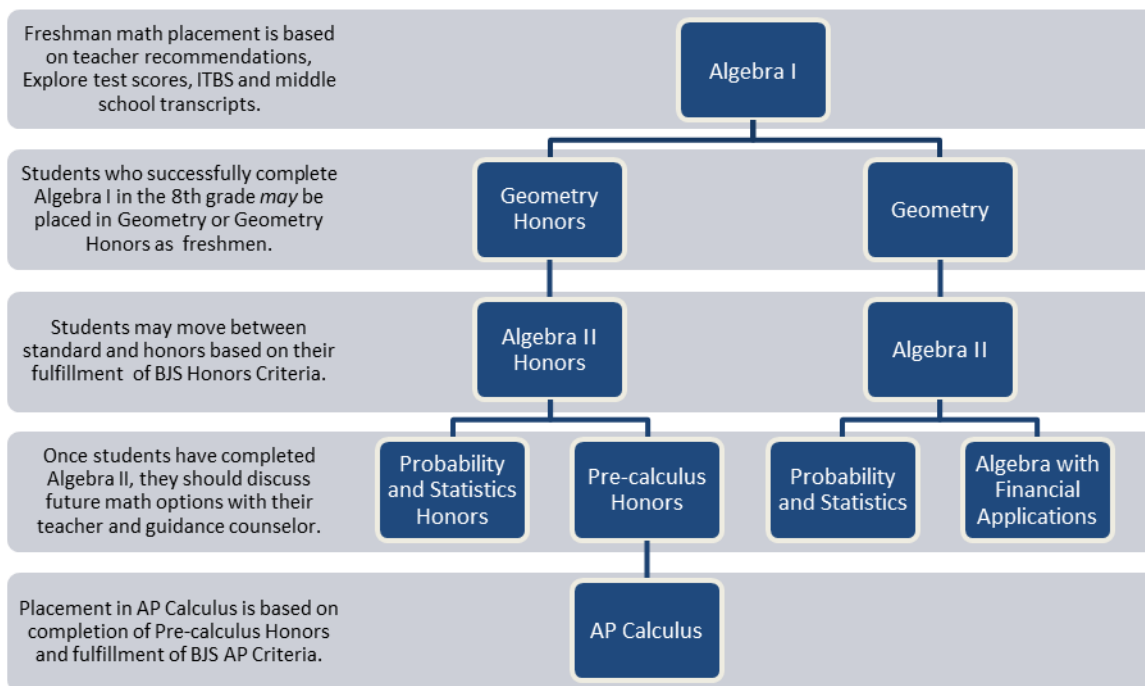
### **ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION (12<sup>th</sup> grade) (1 credit)**

**Prerequisite: BJS A.P. criteria**

The College Board describes this course as an opportunity “to learn to analyze and interpret imaginative literature through the careful reading of representative works from various genres and periods.”



# MATHEMATICS



## **ALGEBRA I (1 credit)**

Content includes variables, structure and properties of the real number system, equations and inequalities, polynomials, linear equations and their graphs, systems of equations and inequalities, rational and radical expressions and equations, relations and functions, quadratic equations, and problem solving strategies needed for success and continued studies in algebra. A TI-30XIIS scientific calculator is required for this course.

## **GEOMETRY (1 credit)**

**Prerequisite: Algebra I**

Content includes angles, segments, lines, rays, triangles, polygons, planes, parallel and perpendicular lines, congruence, similarity, circles, quadrilaterals, the Pythagorean Theorem, area, volume, trigonometry and proofs. A TI-30XIIS scientific calculator is required for this course.

## **GEOMETRY HONORS (1 credit)**

**Prerequisite: BJS Honors criteria and/or approval of Placement Committee**

This course provides a more rigorous study of the topics listed for Geometry. Emphasis is placed on student-generated proofs. A TI-30XIIS scientific calculator is required for this course.

## **ALGEBRA II (1 credit)**

**Prerequisite: Algebra I and Geometry**

Content includes real numbers and operations, variables and exponents, solving equations and inequalities, linear relations and functions, graphing, systems of equations and inequalities, matrices and determinants, radicals, complex numbers, logarithms and conic sections. A TI-30XIIS scientific calculator is required for this course.

**ALGEBRA II HONORS (1 credit)**

**Prerequisite: BJS Honors criteria AND final grade of 85 or better in BJS Algebra I or final grade of “A” in 8<sup>th</sup>-grade Algebra I**

This course provides a more rigorous study of the topics listed above for Algebra II. Emphasis is placed on the graphs and applications of linear, quadratic, polynomial, radical, absolute value, rational, exponential, and logarithmic functions. A TI-30XIIS scientific calculator is required for this course.

**PROBABILITY AND STATISTICS (1 credit)**

**Prerequisite: Algebra II**

Content includes measures of central tendency, standard deviation, regression and correlation, probability, and standard normal distributions. Students will develop and apply knowledge of statistics and probability to design experiments, collect and analyze data, and reach appropriate inferences and conclusions. A TI-83/84 graphing calculator is required for this course.

**PROBABILITY AND STATISTICS HONORS (1 credit)**

**Prerequisite: Algebra II and BJS Honors Criteria**

This course provides a more rigorous study of the topics listed above for Probability and Statistics. Emphasis is placed on real-world application of these topics. A TI-83/84 graphing calculator is required for this course.

**MATH FOR COLLEGE READINESS (1 credit)**

**Prerequisite: Geometry and Algebra II**

This course provides students additional instruction in algebra, probability, statistics, and geometry in order to better prepare them for college-level mathematics. Additionally, emphasis is placed on application of math to solve financial problems related to investment, credit, banking, auto insurance, mortgage, employment, income tax, and budgeting. A TI-83/84 graphing calculator is required for this course.

**PRE-CALCULUS HONORS (1 credit)**

**Prerequisite: Algebra II and BJS Honors criteria**

This course completes the student's preparation for a college-level calculus course. Content includes graphs and applications of polynomial, exponential, logarithmic, and trigonometric functions, as well as vectors, parametric equations, limits, and sequences and series. Students will develop problem-solving skills and clarity of mathematical thought and expression. A TI-83 /84 graphing calculator is required for this course.

**ADVANCED PLACEMENT CALCULUS AB (1 credit)**

**Prerequisite: Pre-calculus with a final average of 90 or better and BJS A.P. criteria**

AP Calculus AB is a college-level course in single-variable calculus that includes a study of algebraic and transcendental functions, limits, continuity, differentiation techniques and applications of derivatives, and integration techniques and applications of integrals. A TI-83/84 graphing calculator is required for this course.

# SOCIAL STUDIES

## **GEOGRAPHY (1 credit)**

This course emphasizes regional geography with attention to the influence of physical features of the region on the lives of the people. Students use and develop basic social science skills including map use and interpretation. Freshmen are strongly encouraged to take this course if they plan to pursue eligibility for AP World History. Upperclassmen may take it as an elective.

## **WORLD HISTORY (1 credit)**

This is a survey course which provides students with knowledge covering pre-historic times to the present. The course will examine historical themes and major turning points significant to World History. Students will analyze a variety of sources and use critical and higher level thinking skills. Students will learn to understand political, economic and cultural systems of each civilization.

## **WORLD HISTORY HONORS (1 credit)**

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## **ADVANCED PLACEMENT WORLD HISTORY (1 credit)**

**Pre-requisites: Approval of A.P. World History Placement Committee**

This is a demanding course designed to prepare students for the rigors of a full-year academic college course. The course imposes a heavy reading and writing load throughout the year, and the demands on students are equivalent to a full-year introductory college course. Themes that will be addressed throughout the course will help students identify broad patterns and processes that explain change and continuity over time and ask cross-period questions for the purpose of making comparisons over time around the globe. These overarching themes that are taught throughout the course will teach students to use not only critical but analytical thinking skills that will encourage them to develop their learning processes and for students to understand both historical and geographical context. As specified by the AP College Board, only 30% of the course will focus on European History.

## **AMERICAN HISTORY/AMERICAN HISTORY HONORS (1 credit)**

**Prerequisite: BJS Honors criteria**

These courses enable students to understand the development of the United States within the context of history with a major focus on the post-Reconstruction period. Students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to solve problems in academic, civil, social, and employment settings.

## **ADVANCED PLACEMENT U.S. HISTORY (1 credit)**

**Prerequisite: BJS A.P. criteria**

This Advanced Placement course helps students understand the development of the United States within the context of history by examining connections to the past to prepare for the future as participating members of a democratic society. Students use knowledge pertaining to history, geography, economics, civil, social and employment settings. The content is specified by the Advanced Placement Program.

## **AMERICAN GOVERNMENT/AMERICAN GOVERNMENT HONORS (.5 credit)**

**Prerequisite: BJS Honors criteria**

The purpose of this course is to enable students to gain an understanding of American government and political behavior that is essential for effective citizenship and active involvement in a democratic American society.

## **ECONOMICS/ECONOMICS HONORS (.5 credit)**

**Prerequisite: BJS Honors criteria**

The purpose of this course is to provide students with the knowledge and decision-making tools necessary for understanding how society organizes its limited resources to satisfy its wants. Students will gain understanding of choices they must make as producers, consumers, investors, and taxpayers.

## **ADVANCED PLACEMENT MACROECONOMICS (.5 credit)**

**Prerequisite: BJS A.P. criteria**

This semester-long, college-level course focuses on the principles of the economic system as it applies to income, the financial sector, economic policy, economic growth and international economics. The course is designed to prepare students for college level economics courses and the AP Exam.

## **ADVANCED PLACEMENT U.S. GOVERNMENT (.5 credit)**

**Prerequisite: BJS A.P. criteria**

This semester-long, college-level course “will give students an analytical perspective on government and politics in the United States” (College Board). Study will consist of general concepts and specific instances of American government in action. Students will become familiar with a variety of interpretations, explanations and political perspectives through this course. This course will be taken in conjunction with AP Macroeconomics.

## **PSYCHOLOGY (11<sup>th</sup> or 12<sup>th</sup> grade)(.5 credit)**

Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavior interaction and the progressive development of individuals. This will better prepare them to understand their own behavior and the behavior of others.

## **SOCIOLOGY (11<sup>th</sup> or 12<sup>th</sup> grade)(.5 credit)**

Through the study of sociology, students acquire an understanding of group interaction and its impact on individuals in order that they may have a greater awareness of the beliefs, values and behavior patterns of others. In an increasingly interdependent world, students need to recognize how group behavior affects both the individual and society.

# SCIENCE

## **PHYSICAL SCIENCE (1 credit)**

Physical Science covers the basic principles of physics and chemistry. Topics include force and motion, Newton's laws, mechanics, light, sound, electricity, thermodynamics, magnetism, atomic theory, periodic table, bonding, chemical reactions and nuclear chemistry. Labs are offered as appropriate to the material. The course is designed to build a better foundation in both chemistry and physics.

## **BIOLOGY (1 credit)**

Biology is the study of the characteristics and life processes of living organisms. Course content includes the nature of science, the chemistry of biology, cell theory, heredity and molecular genetics, biological evolution and diversity, taxonomy and classification, principles of ecology, and basic structure and function for invertebrates, vertebrates and plants. Laboratory exercises are required and are used to enhance the understanding of these concepts. Dissection of selected animal and plant specimens is a required element of the course.

## **BIOLOGY HONORS (1 credit)**

**Prerequisite: BJS Honors criteria and approval of Placement Committee**

Biology Honors emphasizes laboratory inquiry in developing student-discovered concepts in the classroom. Factual learning and critical thinking dominate discussions. Classical biological themes as well as the most up-to-date discoveries are explored. Emphasis is placed on such topics as history of biology, the environment, and structure as it relates to function, interaction of organisms, diversity and similarity of living things, genetics, evolution, biological processes, and social and ethical issues. The course is designed for the student who is self-motivated, with an earnest interest in science, and should only be considered by the true honors student.

## **CHEMISTRY (1 credit)**

**Prerequisite: Algebra I**

Chemistry is the study of the composition and properties of matter and the changes it undergoes. Course content includes the nature of science, standards of measurement, atomic theory, chemical bonding, stoichiometry, behavior of gases, and an introduction to solutions, as well as acids and bases. Critical thinking and problem solving skills are developed through classroom discussions, demonstrations and laboratory exercises.

## **CHEMISTRY HONORS (1 credit)**

**Prerequisite: teacher recommendation, minimum grade of 80 in Algebra I**

Chemistry Honors is taught through a more rigorous and math-oriented approach than the standard chemistry course. In addition to the topics covered in the standard course, Chemistry Honors includes a more in-depth study of molar volume, stoichiometry of gases, and acids and bases. Critical thinking and problem solving skills are developed at a higher level than for the standard course, and are reflected in the laboratory exercises.

### **PHYSICS (1 credit)**

**Prerequisite: minimum grade of 80 in Algebra I**

Physics is the study of forces and motion peculiar to the environments of Earth and space. Physics' students will explore the connection of these forces and motion as they apply in nature and to the everyday world. Course content includes, but is not limited to, linear, circular and projectile motion, Newton's Laws of Motion, Gravity, Sound and Light, Thermodynamics, electricity and magnetism. Curriculum includes individual and team laboratory exercises.

### **PHYSICS HONORS (1 credit)**

**Prerequisite: teacher recommendation, minimum grade of 80 in Algebra II**

Physics Honors provides opportunities to study the concepts, theories and laws governing the interaction of matter, energy and forces, and their applications through exploratory investigations, demonstrations, and activities. This course is math intensive mandating previous completion and mastery of Algebra II before enrollment.

### **MARINE SCIENCE (1 credit)**

**Prerequisite: Biology and Chemistry**

Marine Science is the study of the marine environment and the organisms that inhabit it. Course content includes plate tectonics, physical and chemical oceanography, marine ecology, taxonomy and classification, and comparative marine anatomy. By first learning about the ocean and the ecology with which marine organisms interact, students will gain a better understanding of the structure and organ systems of these organisms. Required laboratory exercises are designed to enhance the understanding of these concepts and include dissections of select marine invertebrates and vertebrates.

*NOTE: Marine Science and Ecology may not be taken in the same year.*

### **ECOLOGY (1 credit)**

**Prerequisite: Biology and Chemistry**

This course is designed to introduce students to major ecological concepts and the environmental problems that affect the world in which we live. Students will explore the general concepts of ecology; ecosystems, habitats, communities and niches, abiotic and biotic factors, food chains, webs and pyramids, population dynamics, interspecies and intraspecies relationships, animal behavior, animal adaptation and evolution.

*NOTE: Ecology and Marine Science may not be taken in the same year.*

### **ANATOMY AND PHYSIOLOGY HONORS (1 credit)**

**Prerequisite: BJS Honors Criteria and teacher recommendation**

This course is a study of the structure and function of the human body systems: cell, tissue, and organ anatomy, physiology from the molecular level to the interdependence of organs and systems in maintaining homeostasis, as well as development and dysfunction of these systems. Current technological advances are explored. Significant mammalian dissection lab work is mandatory.

*NOTE: Anatomy and Biology II Honors may not be taken in the same year.*

### **BIOLOGY II HONORS (1 credit)**

**Prerequisite: BJS Honors criteria and approval of the AP Biology teacher**

Biology II Honors is an advanced, lab-intensive, and inquiry-based biology course. Understanding of the topics introduced in Biology Honors is deepened and more

advanced topics are studied through participation in the required Advanced Placement Biology laboratory exercises.

*NOTE: Biology II Honors and Anatomy may not be taken in the same year.*

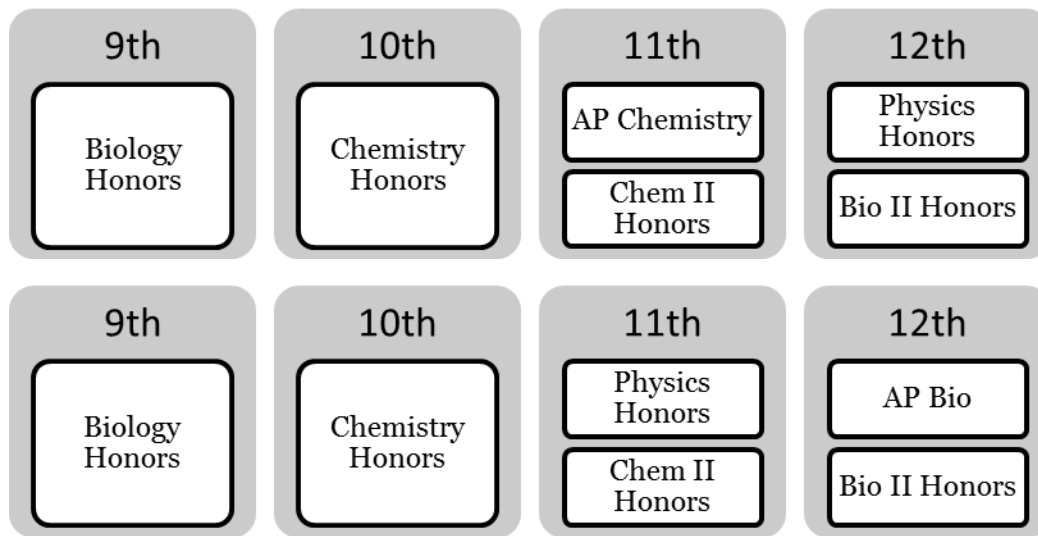
### **ADVANCED PLACEMENT Biology**

**Prerequisite: BJS A.P. criteria, minimum grade of 80 in Algebra II**

**Co-requisite: Biology II Honors**

Advanced Placement Biology is intended for the student who desires to pursue biological and medical related sciences in college. The course is the equivalent of college level biology. Emphasis is on understanding concepts of the major themes in biology. This includes personal experience and exploration into scientific inquiry through lab participation to recognize unifying themes that integrate the major topics of biology. Science as a process, evolution, energy transfer, relationship of structure to function, homeostasis, interdependence in nature, and application to environmental and social concerns are covered in this course. Significant reading and completion of a summer assignment are **mandatory** in addition to regular classroom time.

*NOTE: Our rich science curriculum affords the serious science student the opportunity to earn up to six (6) science credits, with a specialization in either biology or chemistry. The following chart shows two possible science course progressions for the specialist:*



## **WORLD LANGUAGES**

### **FRENCH I (1 credit)**

This course introduces students to the target language and its culture. The student will develop communication skills in all three modes of communication. An introduction to reading and writing is also included, as well as culture, connections, comparisons, and communities.

## **FRENCH II (1 credit)**

This course reinforces fundamental skills acquired by the students in French I. The student will develop increased listening, speaking, reading, and writing skills as well as a deeper cultural awareness.

## **FRENCH III HONORS (1 credit)**

**Prerequisite: French II and BJS Honors criteria**

This course is designed to promote oral and written expression. Students read and discuss the French language to strengthen listening and speaking skills. Writing is taught and practiced throughout the year for further refinement and usage of grammatical concepts. The class will often be conducted in French and include cultural discussions.

## **FRENCH IV HONORS (1 credit)**

**Prerequisite: French III Honors and BJS Honors criteria**

This course is designed to enhance proficiency in French through a linguistic, communicative, and cultural approach to language learning. There is continued emphasis on the development of listening, speaking, reading, and writing skills. Experiences with French literature are broadened. Cross-cultural understanding is fostered and real-life applications are emphasized throughout the course.

## **SPANISH I (1 credit)**

This course introduces the students to not only the Spanish language, but also to the culture of Spanish-speaking countries. The classes use a variety of resources, including workbooks and websites, to enhance learning and create a variety of written, oral and orally based projects.

## **SPANISH II (1 credit)**

This course continues the work of the first year with more intensive communication in the target language. Studies continue to stress all five of the foreign language standards: communication, culture, communities, comparisons and connections. More original thought and expression are developed through reading, writing and listening exercises.

## **SPANISH III HONORS (1 credit)**

**Prerequisite: Spanish II and BJS Honors criteria**

This course is designed to promote oral and written expression. Students read and discuss to strengthen listening and speaking skills. Writing is taught and practiced throughout the year for further refinement and usage of grammatical concepts. The class will be conducted mostly in Spanish and with cultural discussions.

## **SPANISH IV HONORS (1 credit)**

**Prerequisite: Spanish III Honors and BJS Honors criteria**

This course will enable students to enhance proficiency in Spanish through a linguistic, communicative, and cultural approach to language learning. There is continued emphasis on the development of listening, speaking, reading, and writing skills. Experiences with Spanish literature are broadened. Cross-cultural understanding is fostered and real-life applications are emphasized throughout the course.



### **LATIN I (FLVS - 1 credit)**

**Prerequisite: Approval of the guidance counselor and Dean of Academics**

In this course, students will acquire a foundation in Latin grammar and vocabulary. Students will also become acquainted with the mythical Olympian gods and Roman history.

### **LATIN II (FLVS – 1 credit)**

**Prerequisite: Latin I**

In this course, students will further develop their knowledge of Latin grammar and vocabulary. Students will also explore the flexibility of the language through a study of Roman engineering, art, commerce, and law.

### **LATIN III Honors (FLVS – 1 credit)**

**Prerequisite: Latin II and BJS Honors criteria**

In this course, students will develop their knowledge of Latin grammar and vocabulary at an advanced level. Emphasis will be placed on well-crafted writing and the relevance of Latin in today's world.

## **PHYSICAL EDUCATION**

### **PERSONAL FITNESS (.5 credit)**

*This is a required class for all incoming freshman students. The class includes one semester of Personal Fitness with a health/life management skills component.*

In this course, students will learn what is required to maintain and improve their level of physical fitness. The health/life management skills component is designed to give the students an understanding of health and life issues that affect their daily lives.

***The following PE courses satisfy the additional State of Florida PE requirement:***

### **TEAM SPORTS I and II (.5 credit each)**

In Team Sports I and II, students will spend time playing different sports to gain experience in these activities and improve their skill level. Both Team Sports classes provide the students with the basic skills needed to play team sports, but also teach the physical and mental benefits from using these activities as part of a physical fitness program. One of the key objectives of the classes is to allow the students to have fun playing these sports.

### **BEGINNING WEIGHT TRAINING (BWT) (.5 credit)**

Beginning Weight Training will enable students to acquire knowledge and skills in weight training, improve muscular strength and endurance, and begin to enhance self-image. Course content includes safety practices, terminology, musculoskeletal system, muscular strength and endurance, theories, concepts and skills, weight training programs, fitness assessment, nutrition, and consumer issues.

## **INTERMEDIATE WEIGHT TRAINING (IWT) (.5 credit)**

Intermediate Weight Training students will develop intermediate-level skills in weight training, further improve muscular strength and endurance, and further enhance self-image.

## **ADVANCED WEIGHT TRAINING (AWT) (.5 credit)**

Advanced Weight Training enables students to develop advanced skills in weight training, further improve muscular strength and endurance, and further enhance self-image.

## **COMPREHENSIVE FITNESS (.5 credit)**

**Prerequisite: recommendation of coach or PE faculty**

Comprehensive Fitness is designed for the serious high school athlete with a desire to gain strength and speed. Student athletes will participate in a long-term athletic development training program with an emphasis on Olympic lifts and sport-specific lifts.

## **POWERLIFTING (.5 credit)**

**Prerequisite: recommendation of coach or PE faculty**

Powerlifting is a continuation of Comprehensive Fitness, which is designed for the serious high school athlete desiring to gain strength and speed. Student athletes will continue participation in a long-term athletic development training program with an emphasis on Olympic lifts and sport-specific lifts.

# **MUSIC**

*BJS performance groups provide music for community and school functions, present concerts, and participate in festivals and exhibitions. Attendance at afternoon rehearsals is required of all music students to varying degrees, and public performances are an important part of each curriculum. Please contact the music director about working within the schedules of BJS extracurricular activities.*

## **WORLD MUSIC EXPLORATION (1 credit)**

The purpose of this course is to enable students to develop the knowledge and skills necessary to understand and appreciate how music is used in one's personal life as well as in varied cultures, societies, and historical periods.

## **BAND I (1 credit)**

Band I is open to beginning level woodwind, brass, and percussion musicians (other instruments may be allowed with special permission). Experience playing an instrument is not required. All students are performing members of the Cardinal Pep Band/Drum line and concert/jazz ensembles (all combine Band I-IV students). Attendance at band camp is expected.

## **BAND II-IV (1 credit)**

**Prerequisite: Approval of instructor**

Band II-IV include intermediate to advanced woodwind, brass, and percussion musicians (other instruments may be allowed with special permission). All students are performing members of the Cardinal Pep Band/Drum line and concert/jazz ensembles (all combine Band I-IV students). Attendance at band camp is expected.

## **GUITAR I (1 credit)**

Guitar I is an entry level study of guitar methods and literature. Students will develop basic skills in guitar performance and music theory, including interpretation of traditional musical notation, tablature, and chord charts. Classical repertoire and techniques will be emphasized.

## **CHORUS I (1 credit)**

Chorus I is an entry-level study of choral skills and literature. No previous musical experience is necessary. All chorus students rehearse and perform concert music, musical theatre/glee club selections, and music for Masses. The course is open to all voice parts. Intermediate to advanced level piano players needed as accompanists (special permission required)

## **CHORUS II-IV (1 credit)**

**Prerequisite: Approval of instructor**

Chorus II-IV provide an intermediate to advanced study of choral skills and literature. All chorus students rehearse and perform concert music, musical theatre/glee club selections, and music for Masses. The course is open to all voice parts. Intermediate to advanced level piano players needed as accompanists (special permission required)

# ART

## **2-D ART I (1 credit)**

This course promotes the enjoyment and appreciation of art as students experiment with the media and techniques used to create two-dimensional (2-D) artworks, including drawing, painting, printmaking, collage, and more.

## **3-D ART I (1 credit)**

**Pre-requisite: Minimum final grade of 85 in 2-D Art I and approval of instructor**

This course promotes the enjoyment and appreciation of art as students experiment with the media and techniques used to design and construct three-dimensional (3-D) artworks, including sketching, casting, carving, modeling, and assembling in such media as wire, wood, clay, and found objects.

## **2-D/3-D ART COMPREHENSIVE (1 credit)**

**Pre-requisite: Minimum final grade of 90 in 3-D Art I and approval of instructor**

This course enables students to communicate ideas and concepts through advanced two- and three-dimensional design and composition, and to develop appreciation of exemplars in varied cultures and historical periods.

## **ART PORTFOLIO HONORS (12<sup>th</sup> Grade) (1 credit)**

**Pre-requisite: Minimum final grade of 90 in 2D/3D Art Comprehensive and approval of instructor**

The purpose of this course is to develop a portfolio containing an artist's statement and a diverse range of the student's own works of art. The content will include, but not be limited to, the following:

- Characteristics and uses of portfolios
- Portfolio management and inventory
- Artist's statement
- Criteria for selecting works of art for inclusion
- Media, technology, processes, and techniques
- Quality, concentration, and breadth
- Critical evaluation
- Presentation of works of art
- Historical and cultural influences
- Career opportunities

## **VISUAL TECHNOLOGY THROUGH YEARBOOK I-III (1 credit)**

**Pre-requisite: Approval of instructor**

This course provides students the opportunity to explore the fundamental concepts, terminology, techniques, and applications of digital imaging to create original work, specifically, the *Cardinal Yearbook*. Students produce animated digital images through the single or combined use of computers, digital cameras, scanners, photo editing software, printers, new media, and emerging technologies. Through the critique process, students evaluate and respond to their own work and that of their peers to measure artistic growth. Through graphic design, photography, and journalism-style writing, students will create original layouts to produce the 240-page yearbook.

NOTE: Student responsibilities will also include solicitation of business advertisements to fund production of the yearbook and approximately 50-75 hours of work outside of class, including some evenings and weekends. As students move through the levels of the course, they may earn editorial responsibilities.

# **COMPUTERS**

## **COMPUTER APPLICATIONS (1 credit)**

The purpose of this course is to enable students to develop knowledge of computers and computer applications, including word processing, spreadsheets, presentation software, databases, desktop publishing, and image editing. Additional topics will include basic computer concepts such as file systems, hardware and software, technology careers, internet use, and security and privacy issues.

**GRAPHIC DESIGN I-III (1 credit)****Prerequisite: Computer Applications and approval of instructor**

In this course, students will develop basic skills in graphic design. Students will learn layout and typography, and will create images and products that reflect knowledge of the elements of art and principles of design. Students will participate in the publication of issues of *The Cardinal Chronicles*, the school newspaper.

<b>APPLIED COMMUNICATIONS and CTS</b>
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**APPLIED COMMUNICATIONS (1 credit)****Prerequisite: documented need, by invitation**

Applied Communications is a year-long course designed to assist students in developing and perfecting the skills necessary to pursue academic excellence. A variety of learning activities undertaken directly relate to the skill sets presented: critical reading and thinking, test taking, memory, writing, speaking and communication.

**CRITICAL THINKING SKILLS (.5 credit)****Prerequisite: teacher recommendation and approval of instructor**

This fall-semester course focuses on the use of specific strategies for thinking and problem-solving to enhance performance in academic and nonacademic endeavors. Topics include (1) acquiring, storing, and retrieving information, (2) oral and written communication, (3) time-management and organizational skills, (4) critical-thinking operations and processes, (5) problem-solving skills and strategies, and (6) test-taking.