



# Program of Studies School Year 2019-2020

## SCHOLASTIC REQUIREMENTS

To receive a diploma from Presentation Academy, a student is required to complete a minimum of 28 credits. Required classes:

Theology	4 credits
English	4 credits
Mathematics	4 credits
Social Studies	3 credits
Science	3 credits
Physical Education	.5 credit
Health	.5 credit
Fine Arts	1 credit
Electives	8 credits

The following meet the current requirements for the Kentucky Pre-College curriculum. These courses of study are required for unconditional admission to many state universities:

English	4 credits	English I, II, III, IV
Mathematics	4 credits	Algebra I, Algebra II, Geometry, and one other math course
Science	3 credits	Credits to include: Biology, Physical Science, Chemistry, Ecology, Physics, or AP Biology
Social Studies	3 credits	Credits to include: U.S. History, Economics, Government, World Geography, and World Civilizations
Health	.5 credit	
Physical Education	.5 credit	
Fine Arts	1 credit	
Electives	7 credits	Recommend strongly one or more courses that develop computer literacy
World Languages:	2 credits	Spanish

### ACADEMIC ENHANCEMENT

#### Fast ForWord

½ Credit – 1 Semester

Elective course for 9<sup>th</sup> grade

**Prerequisite: Placement test scores, teacher recommendation, and current documentation**

This course will help students retrain their brains for reading, decoding words, memory, maintaining attention, and focus. This class is Pass/Fail.

#### Academic Enhancement

1 Credit - 2 Semesters or ½ credit – 1 Semester

Elective course for 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, & 12<sup>th</sup> grades

**Prerequisite: Teacher recommendation and current documentation**

This class is designed to help students improve study skills, test preparation, and organizational skills. Students participate in a daily meditation practice in order to increase focus and reduce anxiety.

Semester 2 will include a weekly leadership and social cognition. Students who enroll in this class will receive the support of a teacher each day. Enrollment is limited. This class is Pass/Fail.

#### Resource

No credit earned

**Prerequisite: Juniors or Seniors who are enrolled in two or more AP classes or students who have an Educational Strategy Plan that is written with current (not more than 3 years old) documentation. This documentation, from a person in the medical field, must identify the disability and be applicable to the student need.**

This is time allotted for students to study and / or work on assignments for other classes.

#### Senior Independent Program (SIP)

1 Credit – 2 Semesters or ½ Credit – 1 Semester

Elective course for 12<sup>th</sup> grade

**Prerequisites: Application and interview required along with teacher recommendations**

SIP participants will complete a self-proposed, group-approved individual project based on individual student interest.

#### Spalding University classes

Presentation seniors who qualify may take classes at Spalding University for both high school and college credit. Classes would be considered elective courses. Additional fees are charged for college credit classes.

The following criteria are used to determine student eligibility in this program:

1. 3.00 GPA (cumulative)
2. Minimum 21 on ACT
3. Recommended by the administration

### ENGLISH

#### English I

1 Credit – 2 Semesters

Required course for 9<sup>th</sup> grade

This English course is devoted to studying the four literary genres (short story, poetry, novel, and drama), developing writing skills, expanding vocabulary, and broadening the student's understanding of grammar. The required literature stimulates writing assignments that range from the paragraph to the personal narrative to more formal expository prose.

#### Honors English I

1 Credit – 2 Semesters

Required course for 9<sup>th</sup> grade

**Prerequisite: Must meet criteria established for placement**

The student enrolled in Honors English I begins three years of preparation for DC English IV her senior year. In addition to the areas of study identified in English I, she can expect to develop and expand her analytical skills through extended reading and writing opportunities. Additional outside reading and research are required.

#### English II

1 Credit – 2 Semesters

Required course for 10<sup>th</sup> grade

**Prerequisite: English I**

English II builds on the writing skills and literary skills taught in English I, with a focus on World literature. Composition moves from paragraphs and short themes to a more formal paper; the literature includes nonfiction, as well as poetry, drama, short stories, and novels. Vocabulary and grammar basics are reinforced, and students complete a research paper.

#### Honors English II

1 Credit – 2 Semesters

Required course for 10<sup>th</sup> grade

**Prerequisite: Successful completion of Honors English I with at least a B average**

In addition to the types of skill-building activities outlined in the English II curriculum, sophomores enrolled in Honors English II are required to complete expanded, independent study assignments. Additional readings, research, and writing projects are required as assigned.

(If a change from regular English I into Honors II is not teacher-initiated, students desiring to move into honors must have an average of at least A- in regular English I and complete an essay from materials supplied by the Honors English II teacher for consideration.)

#### English III

1 Credit – 2 Semesters

Required course for 11<sup>th</sup> grade

**Prerequisite: English I & II**

The junior literary study is centered on American writers. The readings serve as a springboard for writing. The direction of the writing varies from creative to formal research and analytical papers. The standards for English composition which were introduced in English I and II will continue to be reviewed and stressed.

#### Honors English III

1 Credit – 2 Semesters

Required course for 11<sup>th</sup> grade

**Prerequisite: Successful completion of Honors English II with at least a B average**

See English III for a general description of the junior English curriculum. A junior who enrolls in Honors English III can expect to develop and expand her analytical skills through extended writing opportunities. Additional outside reading and research are required.

(If a change from regular English II into Honors III is not teacher-initiated, students desiring to move into honors must have at least an A- average in regular English II and complete an essay from materials supplied by the Honors English III teacher for consideration.)

#### English IV

1 Credit – 2 Semesters

Required course for 12<sup>th</sup> grade

**Prerequisite: English I, II & III**

Senior English is primarily a survey British Literature from the tenth century to the present: students read and analyze drama, prose, non-fiction, and poetry from literary periods including the Old English, Medieval, Renaissance, Romantic, Victorian, and Modern periods. Students explore various types of writing, including academic writing in multiple citation and formatting styles. Students learn the process of gathering, citing, and analyzing evidence to make a sustained and well supported argument.

#### Dual Credit English IV

1 Credit – 2 Semesters

Required course for 12<sup>th</sup> grade

**Prerequisite: Cumulative grade of B+ or better in Honors English III, Overall cumulative GPA of 3.00 or better**

Students taking Dual-Credit English earn college credit for Senior English from Presentation Academy and "College Writing" from Spalding University. The class is a survey British Literature from the tenth century to the present: students read and analyze drama, prose, non-fiction, and poetry from literary periods including the Old English, Medieval, Renaissance, Romantic, Victorian, and Modern periods. Dual-Credit English emphasizes competence in the kinds of writing necessary for college work, with particular emphasis on the expository essay, grammar and usage, and introduction to the research process; it also emphasizes argumentative writing, style, and advanced research techniques.

#### Creative Writing

½ Credit – 1 Semester

Elective course for 10<sup>th</sup>, 11<sup>th</sup>, & 12<sup>th</sup> grades

Creative writing is a workshop-style class. The student writes in several forms: poems, short stories, vignettes, memoirs, and a variety of stimulating and entertaining exercises for the benefit of the writer's eye, writer's ear, and writer's craft. Students establish a trusting community with other writers, servicing each other as an appreciative audience and as sympathetic and constructive critics. The instructional foundation of the course is that writing

“talent” belongs to everyone and anyone; each student is a potentially gifted writer, and each student has experience that calls for imaginative expression and the search for her unique voice.

#### **Film Studies**

**½ Credit – 1 Semester**

**Elective course for 11<sup>th</sup> & 12<sup>th</sup> grades**

This class focuses on how to read cinematic texts as artifacts of visual culture. The aim of this course is to provide students with a general knowledge of the history of cinema, to demonstrate how movies are made, and to introduce some of the most influential films and filmmakers of the modern film period. Students will also connect the various films watched throughout the semester. While attending to these areas of focus, students will closely “read” each film by analyzing specific shots, scenes, and cuts in detail to become better readers of the visual culture around us.

#### **Contemporary Literature**

**½ Credit – 1 Semester**

**Elective course for 10<sup>th</sup>, 11<sup>th</sup> & 12<sup>th</sup> grades**

This course is designed for the student who would like to continue her literary education and development as a reader. Books for this course span different genres and have been selected to encourage students to read literature as a way to personally and critically engage with the world around them as they become lifelong readers.

#### **Women’s Studies**

**½ Credit – 1 Semester**

**Elective course for 11<sup>th</sup> & 12<sup>th</sup> grades**

Women’s Studies is a cross disciplinary course employing various categories of knowledge – the arts, health, education, government, science, finance... – to explore and examine important attitudes and institutions that affect the lives of girls/women in the U.S. and internationally. Exposing students to a variety of women’s perspectives within each of these broad areas, and practicing critical thinking in response to class readings and other content, fosters the development of each student’s voice that she might understand and articulate her own views regarding women’s issues, experiences and lives.

#### **Yearbook**

**1 Credit – 2 Semesters**

**Elective course for 11<sup>th</sup> & 12<sup>th</sup> grades**

**Prerequisite: Student application; Visual Communications and/or Digital Photography**

The primary focus of yearbook is to create and publish the school annual, *The Tower Yearbook*. To that end, students will learn how to create a layout in Balfour’s Studio Works, conduct interviews, develop photography skills, and write according to journalism standards. Students are responsible for every phase of the yearbook’s production, including planning the overall theme, designing the layout, taking photographs, conducting interviews, and writing copy and captions.

### **FINE ARTS**

#### **Choral Music I**

**½ Credit – 2 Semesters**

**Required course for 9<sup>th</sup> grade**

#### **Choral Music II**

**½ Credit – 2 Semesters**

**Required course for 10<sup>th</sup> grade**

These courses consist of group singing of a variety of styles in choral literature. Students audition to determine voice placement of Soprano I, Soprano II or Alto. The student is first introduced to the basic concepts of music and vocal production, in order to assist in choral performance. To receive credit for the course, the student is required to participate fully in rehearsals, and she must perform in both the Christmas and Spring Concerts.

#### **Tower Chorus**

**½ Credit – 2 Semesters**

**Elective course for 11<sup>th</sup> & 12<sup>th</sup> grades**

**Prerequisite: Audition or Participated in Choral Music I and II.**

Tower Chorus is a chorus for juniors and seniors. A member is required to maintain a standard of excellence in performances. Students are expected to grasp the concepts needed to perform according to the

standards of excellence in music for which they will be periodically tested. In order to receive credit for this course, students are required to participate fully in rehearsals and must perform in both the Christmas and Spring concerts.

#### **Portfolio Review Option (Test out of Intro to Art)**

Students who wish to take art at the advanced level (2D Art: Drawing/Painting or 3D Art: Ceramics/Sculpture), but have not yet taken Introduction to Art may go through Portfolio Review. Students must submit a portfolio containing several pieces of 2D artwork and 3D artwork, as well as written critiques and descriptions about their work.

#### **Introduction to Art**

**1 Credit – 2 Semesters**

**Elective course for 10<sup>th</sup>, 11<sup>th</sup>, & 12<sup>th</sup> grades**

This course is a basic art course that introduces the elements of art and principles of design through the use of several different types of media. Students explore the different areas of art offered at Presentation, which include but are not limited to drawing, painting, digital photo, ceramics, and sculpture. Studio projects are designed to incorporate student-driven ideas and creativity, along with the elements and principles of art and design and/or art history.

#### **2D Art: Drawing & Painting**

**1 Credit – 2 Semesters**

**Elective course for 10<sup>th</sup>, 11<sup>th</sup>, & 12<sup>th</sup> grades**

**Prerequisite: Introduction to Art or pass Portfolio Review**

**2D Art:** First semester students enhance their technical skills in drawing by exploring different types of media, such as pencil, charcoal, ink, pastels, etc. Second semester students enhance their technical skills in painting by exploring different types of media, such as watercolor and acrylics. Students have the opportunity to learn a variety of advanced techniques and alternative methods in drawing and painting. All studio projects are designed to incorporate student-driven ideas and creativity, along with the elements and principles of art and design and/or art history.

#### **3D Art: Ceramics & Sculpture**

**1 Credit – 2 Semesters**

**Elective course for 10<sup>th</sup>, 11<sup>th</sup>, & 12<sup>th</sup> grades**

**Prerequisite: Introduction to Art or pass Portfolio Review**

**3D Art:** First semester students enhance their technical skills at hand-building and ceramic construction by exploring different types of 3D forms. Students explore clay as an art by learning how to control the clay through a variety of techniques and advanced methods, along with the process of glazing and firing the kiln. Second semester students enhance their technical skills in sculpture by exploring different types of media. Students have the opportunity to learn a variety of advanced techniques and alternative methods in addition to the basic modeling, carving, construction, and casting. All studio projects are designed to incorporate student-driven ideas and creativity, along with the elements and principles of art and design and/or art history.

#### **Design Studies**

**1 Credit – 2 Semesters**

**Elective course for 10<sup>th</sup>, 11<sup>th</sup>, & 12<sup>th</sup> grades**

This course is designed to develop each student as a creative visual communicator. Students enhance their technical skills in design using traditional and digital design techniques. Students learn to operate Adobe Creative Suite 6 and a few 3D Printing software programs in order to create print and digital media, such as magazine layouts, book covers, board games, package design, etc. Students develop materials that are attractive, professional, and that adhere to the fundamental principles of good design. All studio projects are designed to incorporate student-driven ideas and creativity, along with the elements of

composition and/or design history. Students have the opportunity to learn a variety of advanced techniques and alternative methods in design, while exploring the some of the following areas: graphic design, industrial design, fashion, web design, architecture, etc.

#### **Digital Photography**

**1 Credit – 2 Semesters**

**Elective course for 10<sup>th</sup>, 11<sup>th</sup>, & 12<sup>th</sup> grades**

Students enhance their technical skills in digital photography by learning the basic elements of photography. Students learn how to operate a point and shoot camera as well as expand their knowledge of taking photographs on a Smartphone during this course and will use Adobe Photoshop CS6 software to manipulate images they have captured. All studio projects are designed to incorporate student-driven ideas and creativity, along with the elements of composition and/or photo history. Students have the opportunity to learn a variety of advanced techniques and alternative methods in photography while developing their individual style.

### **MATHEMATICS**

Freshman placement is determined by placement test results in combination with recommendations from the eighth grade math teacher, parent input and results of the Algebra Acuity test. Students who graduate from Presentation Academy must have four credits in math. Proper placement of incoming freshmen is most important. The State of Kentucky requires that all students must take math each year of high school.

It is important to note that entry into upper level science classes requires completion of or concurrent enrollment in specific math courses.

#### **Algebra I Part I**

**1 Credit – 2 Semesters**

**Required course for 9<sup>th</sup> grade**

This course is designed for the student to master basic computational and problem-solving skills while being introduced to basic algebra concepts. Special emphasis is placed on using basic operations with whole numbers, fractions, decimals, and integers. The course introduces the student to the use of variable expressions in solving problems. Practice is given in the use of grouping symbols and the order of operations to simplify numerical and variable expressions involving real numbers. Great emphasis is placed on solving linear equations and inequalities both algebraically and graphically.

#### **Algebra I Part II**

**1 Credit – 2 Semesters**

**Required course for 10<sup>th</sup> grade**

**Prerequisite: Algebra I Part I**

The student learns to perform operations on polynomial expressions. The concept of function is introduced. Other topics include ratio and proportion, fractional equations, and solving systems of linear equations. The student learns to use factoring and the quadratic formula in solving quadratic equations. Exponential notation is also examined.

#### **Algebra I**

**1 Credit – 2 Semesters**

**Required course for 9<sup>th</sup> grade**

This course introduces the student to the use of variable expressions in solving problems. Practice is given in the use of grouping symbols and the order of operations to simplify numerical and variable expressions involving real numbers. Linear equations and inequalities are solved both algebraically and graphically. The student learns to use factoring and the quadratic formula in solving quadratic equations. Exponential notation is also examined. The student learns to perform operations on polynomial expressions. Other topics include ratio and proportion, fractional equations, and solving systems of linear equations. The concept of function is introduced.

#### **Advanced Algebra I**

**1 Credit – 2 Semesters**

**Required course for 9<sup>th</sup> grade**

**Prerequisite: Algebra Acuity test results**

This course is a more in-depth study of Algebra I and will move at a faster pace than a regular Algebra I course.

#### **Geometry**

**1 Credit – 2 Semesters**

**Required course for 9<sup>th</sup>, 10<sup>th</sup> & 11<sup>th</sup> grades**

**Prerequisite: Algebra I**

Euclidean Geometry includes a study of the fundamental objects (points, lines, planes, polygons, circles, and polyhedrons), angular measurement, congruence, similarity, deductive and inductive reasoning, relational computations (perimeter, area, and volume), the Pythagorean Theorem, right angle trigonometry, and practice applications. Algebraic concepts and techniques are integrated and emphasized throughout the course to aid in the understanding of geometric concepts and applications.

#### **Honors Geometry**

**1 Credit – 2 Semesters**

**Required course for 9<sup>th</sup> & 10<sup>th</sup> grades**

**Prerequisite: Advanced Algebra I, (minimum A- average), or Algebra Acuity test results**

The Honors Geometry course takes a more formal, proof-based, approach to the same topics as the Geometry class, with some topics covered in more depth. Euclidean Geometry includes a study of the fundamental objects (points, lines, planes, polygons, circles, and polyhedrons), angular measurement, congruence, similarity, deductive and inductive reasoning, relational computations (perimeter, area, and volume), the Pythagorean Theorem, right angle trigonometry, and practice applications. Algebraic concepts and techniques are integrated and emphasized throughout the course to aid in the understanding of geometric concepts and applications.

#### **Algebra II**

**1 Credit – 2 Semesters**

**Required course for 10<sup>th</sup>, 11<sup>th</sup> & 12<sup>th</sup> grades**

**Prerequisite: Algebra I, Geometry**

This course is a logical continuation and further development of the concepts introduced in Algebra I. Special emphasis is placed on linear equations, algebraic functions, inequalities, fractional equations, quadratic equations, and word problems. The laws of exponents and complex numbers are studied.

#### **Honors Algebra II**

**1 Credit – 2 Semesters**

**Required course for 9<sup>th</sup>, 10<sup>th</sup>, & 11<sup>th</sup> grades**

**Prerequisite: Honors Geometry, minimum A- average in Algebra I course**

This course is a logical continuation and further development of the concepts introduced in Algebra I. Special emphasis is placed on linear equations, algebraic functions, inequalities, fractional equations, quadratic equations, and word problems. The laws of exponents are studied. Complex numbers and radical equations are introduced. Other topics include polynomials, rational functions, quadratic functions and relations.

#### **Contemporary Mathematics**

**1 Credit – 2 Semesters**

**Required course for 11<sup>th</sup> & 12<sup>th</sup> grades**

**Prerequisite: Algebra II**

Math course for juniors or seniors who do not meet the requirements, or have the necessity for Precalculus. Emphasis on contemporary mathematical applications and problem solving. Topics include mathematical modeling, finance, probability, and statistics.

#### **Precalculus**

**1 Credit – 2 Semesters**

**Required course for 11<sup>th</sup> & 12<sup>th</sup> grades**

**Prerequisite: Algebra II (minimum B average)**

The topics included in this course are functions, their inverses, their graphs, and their applications. The functions studied include the following: polynomial, rational, exponential, and trigonometric. This course

covers trigonometry with a special emphasis on the unit circle.

### **Honors Precalculus**

**1 Credit – 2 Semesters**

**Required course for 10<sup>th</sup>, 11<sup>th</sup> & 12<sup>th</sup> grades**

**Prerequisite: Honors Algebra II (minimum A- average)**

This course is intended for a student who will take Calculus as her next mathematics course. The topics included in this intense course are functions, their inverses, their graphs and their applications. The functions studied include the following: polynomial, rational, exponential, logarithmic, trigonometric, and absolute value. This course covers trigonometry with a special emphasis on the unit circle. Also included are conic sections, sequences and series.

### **Calculus**

**1 Credit – 2 semesters**

**Required course for 12<sup>th</sup> grade**

**Prerequisite: Pre-calculus or Honors Pre-calculus**

This course is intended for a student who is strong in math but not interested in preparing for the AP Calculus Exam. The course emphasizes limits, continuity, and asymptotes. The derivative as the slope of the tangent line and as instantaneous rate of change forms the basis for solving problems of velocity and acceleration, extrema, related rates, and approximations with differentials. Different techniques of integration are used to work problems of area and volumes of solids.

### **AP Calculus**

**1 Credit – 2 Semesters**

**Required course for 11<sup>th</sup> & 12<sup>th</sup> grades**

**Prerequisite: Honors Pre-calculus, (minimum B average)**

This course emphasizes limits, continuity, and asymptotes. The derivative as the slope of the tangent line and as instantaneous rate of change forms the basis for solving problems of velocity and acceleration, extrema, related rates, and approximations with differentials. Different techniques of integration are used to work problems of area and volumes of solids. Trigonometric, logarithmic, and exponential functions are included in all phases of the course work. Students will be prepared for and should take the College Board Advanced Placement Calculus AB test.

### **Dual Credit Honors Finite Math**

**1 Credit – 2 Semesters**

**Required course for 11<sup>th</sup> & 12<sup>th</sup> grades**

**Prerequisite: Honors Pre-calculus,**

This course is intended for a student with a strong background in math. Topics include linear programming, systems of equations, matrices, financial math, probability and statistics, and logic. This class must be taken for dual credit with Spalding University which includes an extra fee.

## **SCIENCE**

Health and Physical Education credits are required, and three science credits are also required for graduation. Credits include Biology I, and a second credit in Physical Science or Chemistry. The third science credit can be chosen from: Ecology, for the student who is not interested in pursuing a science major in college; Chemistry, for the college-bound student, or Physics or AP Biology, for the student planning a career in science. Anatomy and Physiology, not a third credit, is offered for students wanting to specialize in this field. Science courses have been aligned with the New Generation Science Standards.

### **Biology I**

**1 Credit – 2 Semesters**

**Required course for 9<sup>th</sup> grade**

Biology I is an engaging, hands-on course that emphasizes developing laboratory skills, applying methods of scientific inquiry, and exploring the processes of life on our planet. Course topics include the history of life (evolution), biological classification, molecular and cellular biology, and genetics; current news topics are also infused into the core curriculum. Pertinent lab work and team-based projects are completed in small groups. Authentic assessment tools and self-evaluation are incorporated into the curriculum.

### **Health and Physical Education**

**Health**

**½ Credit – 1 Semester**

**Required course for 9<sup>th</sup> grade**

The Health Education course outline includes: mental and emotional health, family and social health, growth and development, nutrition, personal health, alcohol, tobacco, and drugs, communicable and chronic diseases, consumer and community health, and addressing teen risk factors.

### **Physical Education**

**½ Credit – 1 Semester**

**Required course for 9<sup>th</sup> grade**

The Physical Education course outline includes: health-related fitness, fitness concepts, team building, volleyball, mat ball, fitness and skill building games, flag football, team speedball, racket sports, basketball, dance, and safety and first aid.

### **Physical Science**

**1 Credit – 2 Semesters**

**Required course for 10<sup>th</sup> grade**

This course is required for the sophomore not enrolled in Chemistry. It is an introduction to the physical sciences. The course integrates basic chemistry, physics, mathematical principles, and technological applications. Emphasis is placed on scientific literacy, application of science to everyday life, metrics, laboratory techniques, and authentic assessment tools.

### **Chemistry I**

**1 Credit – 2 Semesters**

**Required course for 10<sup>th</sup> & 11<sup>th</sup> grades;**

**Elective course for 12<sup>th</sup> grade**

**Prerequisite: “B” average in previous science and math courses; Algebra II or concurrent enrollment in Algebra II; Physical Science for those taking this as an 11<sup>th</sup> grader**

This course prepares students for college level chemistry. Topics of study in this course include matter and its properties, atomic structure, the Periodic Table, chemical bonds and reactions, nuclear chemistry, and gas laws. Emphasis is placed on scientific literacy and on scientific reasoning through the use of observations, experimentation, laboratory investigations, technological applications, mathematical applications and problem solving.

### **Advanced Physical Education: Lifetime Fitness**

**½ Credit – 1 Semester**

**Elective course for 10<sup>th</sup>, 11<sup>th</sup> & 12<sup>th</sup> grades**

This one semester elective course offers an opportunity to extend the fitness and wellness concepts introduced in the required P.E. course taken during freshman year. The course will emphasize fitness activities for lifetime wellness, specifically incorporating flexibility, body composition, strength training and aerobic activities. Students will learn about the development of their bodies, setting goals for themselves, and designing their own personal fitness programs. Areas of emphasis will include self-concept, body awareness, the five types of fitness, nutrition for performance, and consumer awareness.

### **Ecology: The Study of Our Environment**

**1 Credit – 2 Semesters**

**Elective course for 11<sup>th</sup> & 12<sup>th</sup> grades**

**Prerequisite: Satisfactory completion of two previous science courses**

This course is designed for the student who is interested in ecology and environmental issues. The course will focus on the study of interactions among organisms and their environment, as well as human impact on ecosystems. Emphasis will be placed on interpreting data such as tables, charts, graphs, and observations. Assessments will vary and include independent and group theme focused projects, objective tests, quizzes, vocabulary study, and other written work.

### **Anatomy and Physiology**

**1 Credit – 2 Semesters**

**Elective course for 11<sup>th</sup> & 12<sup>th</sup> grades**

**Prerequisite: Biology I (C average)**

Anatomy and Physiology is an in-depth study of the incredible designs and functions of the human body. This course is designed for highly motivated students who are interested in pursuing a science-related discipline in college. The course focuses on

one major body system at a time, and lab work is done to emphasize the relatedness of structure to function as well as to highlight the interconnectedness of the entire body. Students participate in labs run by professors at Spalding University. Authentic assessment tools, self-evaluation and reflection on potential career applications are incorporated into the curriculum.

### **Physics**

**1 Credit – 2 Semesters**

**Elective course for 11<sup>th</sup> & 12<sup>th</sup> grades**

**Prerequisite: Prefer Pre-Calculus or concurrent enrollment; or concurrent enrollment in Honors Algebra II for Juniors; Chemistry (B average)**

This course prepares students for college level physics. It is highly recommended for any student considering science as a college major. This course fulfills a science requirement. Emphasis is on applying mathematical principles to scientific models and the physical universe. It will deal with fundamental laws of governing the physical universe, including Newton’s Laws, Heat, Sound, Light, Electrical Energy and Circuits. The ability to apply mathematical principles is essential to this course. Problem solving and scientific literacy will be developed in the students.

### **AP Biology**

**1 Credit – 2 Semesters**

**Elective course for 11<sup>th</sup> & 12<sup>th</sup> grades**

**Prerequisite: Biology I (“A” average), Chemistry I (“A” average)**

The curriculum for this course is based on National Advanced Placement Biology Guidelines. Course content includes units on evolution, cellular biochemistry, molecular biology, genetics, and anatomy and physiology. Laboratory work includes computerized activities as well as dissections of preserved specimens. Students participate in labs run by professors at Spalding University. This demanding course is for students who intend to pursue a career in the science field. Students are encouraged to take the AP Exam in May.

## **SOCIAL STUDIES**

### **Geography**

**½ Credit – 1 Semester**

**Required course for 9<sup>th</sup> grade**

This one-semester course is designed to better help students understand our complex and constantly changing world through the study of geography. World Geography includes the physical and human characteristics of the Earth, various world regions, interaction between humans, and the physical environment. Special emphasis will be placed on how geography affects current events.

### **World Civilization**

**1 Credit – 2 Semesters**

**Required course for 10<sup>th</sup> grade**

This course provides an overview of world cultures and their development, emphasizing historical concepts of revolution, diversity and diffusion, nationalism and scientific and technological innovation. The course will encourage understanding history’s turning points and analyzing past events and critical issues throughout the story of human progress. Students will make connections from past to present and become aware of links between history, geography, science, and technology.

### **Honors World Civilization**

**1 Credit – 2 Semesters**

**Required course for 10<sup>th</sup> grade**

This honors level course provides a more in depth overview of world cultures and their development and covers similar major historical concepts as the World Civilization course. Additional readings, papers, and coursework will be required to provide a deeper understanding of the materials.

### **United States History**

**1 Credit – 2 Semesters**

**Required course for 11<sup>th</sup> grade**

This course provides a survey of American history from Reconstruction (1865) to the present. Students will analyze America’s growing role in the world and the various factors that have influenced foreign policy.

Special focus areas include the role of women in American history, civil rights and social movements, immigration and the role of the economy in shaping our lives daily. Historical data will be integrated with issues that impact students’ lives and help them make informed decisions about civic life in which they participate.

### **Dual Credit Honors United States History**

**1 Credit – 2 Semesters**

**Required course for 11<sup>th</sup> grade**

**Prerequisite: Minimum of B- in Honors World Civilization**

Honors U.S. History offers a survey of American history since Reconstruction and stresses extensive reading, writing, and study skills useful in college. Students learn to analyze contemporary issues using historical perspectives. The class must be taken for dual credit with Spalding University which includes an extra fee.

### **Government and Economics**

**1 Credit – 2 Semesters**

**Required course for 12<sup>th</sup> grade**

Government and Economics provide an overview of how each of these topics is relevant in today’s society.

**Semester 1: Government** Students explore the workings of the American government, from the national to the local level. They review the beginnings and development of the Constitution and how our government and political system have developed. This study will develop a better understanding of issues facing our nation as we explore constant changes and challenges that keep the system vibrant and effective. By the end of the course, students will have a better understanding of why it is important for citizens to be involved in a democracy.

**Semester 2: Economics** This course provides an overview of microeconomic and macroeconomic principles. Students will have an opportunity to apply some microeconomic concepts in the creation of a personal budget. This survey course provides a basic understanding of economic principles and terms. It will assist in preparing for life after high school with classes on personal finances, credit and debt, balancing a check book, investments and insurance, and being an informed consumer.

### **Psychology**

**1 Credit – 2 Semesters**

**Elective course for 11<sup>th</sup> & 12<sup>th</sup> grades**

This course is an introduction to the study of behavior with an emphasis on the theories, methods, and application of knowledge to real-life situations. Topics to be covered include personality development, learning, sensation and perception, psychological disorders, gender differences, death and dying, and methods of psychological research.

### **Sociology**

**½ Credit – 1 Semester**

**Elective course for 11<sup>th</sup> & 12<sup>th</sup> grades**

This one semester course is an introduction to the concepts and methods of sociology and sociological research. Through experimentation and research, the class will study and implement topics such as socialization, group processes, social institutions, social issues, and social change.

## **TECHNOLOGY**

### **Communications & Digital Literacy**

**½ Credit – 1 Semester**

**Required course for 9<sup>th</sup> grade**

This one-semester course familiarizes students with technology and speech skills necessary for high school and beyond. Students learn to use internet-connected devices for academic purposes, to engage safely and ethically with the internet and social media, to use the internet and library tools for academic research, to use various software (including the MS Office Suite) to create effective print and digital documents in a variety of media, and to create and present effective speeches and other presentations.

**AP Computer Science Principles**  
**1 Credit – 2 Semesters**  
**Elective course for 10<sup>th</sup>, 11<sup>th</sup> & 12<sup>th</sup> grades**  
**Prerequisites: Successful completion of Algebra II**

AP Computer Science Principles introduces students to the central ideas of computer science, inviting students to develop the computational thinking vital to success across multiple disciplines. The course is unique in its focus on fostering students to be creative and encouraging students to apply creative processes when developing computational artifacts. Students design and implement innovative solutions using an iterative process similar to what artists, writers, computer scientists, and engineers use to bring ideas to life. Units of study include digital information, algorithms & programming, big data & privacy, app building, and the internet.

**THEOLOGY**

**Theology I**  
**1 Credit – 2 semesters**  
**Required course for 9<sup>th</sup> grade**

**Semester 1: The Revelation of Jesus Christ in Scripture**

This course will provide students with a general knowledge and appreciation of the Sacred Scriptures. Students will encounter the living Word of God and learn about how the Bible is authored by God through Inspiration and its value to people throughout the world.

**Semester 2: Who is Jesus Christ?**

This course is designed to introduce students to the mystery of who Jesus Christ is and to understand Jesus as the ultimate Revelation to us from God. The students will also learn who he calls them to be.

**Freshman Service:** Ten hours of service at up to three different non-profit agencies.

**Theology II**  
**1 Credit – 2 semesters**  
**Required course for 10<sup>th</sup> grade**  
**Semester 1: The Mission of Jesus Christ: The Paschal Mystery**

This course is designed to help students understand all that God has done for us through his Son, Jesus Christ and what it means to be a disciple of Christ and what that entails.

**Semester 2: Jesus Christ's Mission Continues in the Church**

Students will be introduced to the events and sacred nature of the Church as they come to know that the Church is the living Body of Christ today.

**Sophomore Service:** Fifteen hours of service completed at up to three different non-profit agencies

**Theology III**  
**1 Credit – 2 Semesters**  
**Required course for 11<sup>th</sup> grade**  
**Semester I: Sacraments as Privileged Encounters with Jesus Christ**

This course is designed 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.

**Semester 2: Life in Jesus Christ: Morality**

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

**Junior Service:** Twenty hours of works of mercy at one non-profit agency in the community.

**Theology IV**  
**1 Credit – 2 Semesters**  
**Required course for 12<sup>th</sup> grade**  
**Semester 1: Living as a Disciple of Jesus Christ in Society**

The purpose of this course is to introduce students to the roots and traditions of the Church's social teaching and to learn how Christ's concern for others is present today in the Church's social teaching and mission.

**Semester 2: Ecumenical and Interreligious Issues**  
This course focuses on how the Catholic Church relates to non-Catholic Christians as well as to other religions of the world by examining various spiritual truths, beliefs and practices.

**Senior Service:** Twenty-Five hours of service at one non-profit social justice agency in the community.

**WORLD LANGUAGES**

Presentation's World Languages Dept. offers four years of Spanish instruction. In all levels we practice the four essential components of language: speaking, listening, reading, and writing. Students will be exposed to authentic Spanish language sources and experience cultural activities to enhance the learning of the language and to develop appreciation of its origins and its speakers.

A minimum of two years of foreign language is required for the college-bound students. Entry into upper level courses (level III or higher) requires permission of a language instructor

**Spanish I**  
**1 Credit – 2 Semesters**  
**Required course for 9<sup>th</sup> & 10<sup>th</sup> grades**  
**Prerequisite: Appropriate scores on tests to determine preparedness for language study**

This course is an introductory course. It assumes that the student has had little or no previous background in the language. Basic concepts covered include present tense verbs, greetings, descriptions, family vocabulary, weather, and school. By the end of the year students will be able to carry on basic conversations.

**Spanish II**  
**1 Credit – 2 Semesters**  
**Required course for 9<sup>th</sup>, 10<sup>th</sup> & 11<sup>th</sup> grades**  
**Prerequisite: Successful completion of Spanish I or passing of placement test to skip level one.**

This course builds on concepts covered in Spanish I. The class will cover irregular present tense verbs as well as how to form the simple past tense (preterit). Other grammar topics covered will include adverbs of time and frequency, reflexive verbs, and commands. Speaking will be practiced more, and listening activities will be more detailed. There will be short writing projects as well as reading activities.

**Spanish III**  
**1 Credit – 2 Semesters**  
**Elective course for 10<sup>th</sup>, 11<sup>th</sup> & 12<sup>th</sup> grades**  
**Prerequisite: Successful completion of Spanish II (B or higher)**

This course emphasizes more advanced skills and is conducted primarily in the target language. Vocabulary and grammar covered will allow students to discuss future plans, environmental issues, employment and service opportunities, and both long-term and recent past activities. Students will be able to state their opinions as well as conduct research in the target language.

**Honors Spanish IV**  
**1 Credit – 2 Semesters**  
**Elective course for 11<sup>th</sup> & 12<sup>th</sup> grades**  
**Prerequisite: Successful completion of Spanish III (B or higher)**

This honors course is an advanced level course and is conducted primarily in the target language. While some review will occur, vocabulary and grammar from previous levels is expected to have been basically mastered. The major focus of the class is to increase the vocabulary base of students through extensive reading, writing, and verbal activities so that they can communicate on a variety of topics. Students are expected to use the target language as often as possible, with stress on proper pronunciation. By the end of the year students will be able to express themselves clearly and converse with a native speaker.

**AP Spanish**  
**1 Credit – 2 Semesters**  
**Elective course for 12<sup>th</sup> grade**  
**Prerequisite: Successful completion of Spanish IV (B or higher)**

AP Spanish is the highest level Spanish course offered at Presentation. The class will be conducted in the target language, and students are expected to communicate in the target language at all times. Students will prepare for the AP exam by practicing impromptu speaking scenarios, listening to real world dialogs such as news reports and radio, and reading and writing on a variety of detailed topics. Students will be able to understand a variety of native speakers and communicate confidently with both writing and speaking skills.