



Program of Studies School Year 2010-2011

ACADEMIC INFORMATION

The educational program at Presentation Academy is designed to provide a solid foundation for all educational experiences beyond high school, but especially for academic success in college. Through a varied curriculum, students are challenged to function at competency levels commensurate with their abilities and interests. They are given the responsibility of organizing their time, and they play an active role in obtaining the best education possible. Students meeting specific academic requirements may apply to take courses at Spalding University.

SCHOLASTIC REQUIRMENTS

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: Life Science, Physical Science, and Earth/Space Science
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	French or Spanish

GENERAL INFORMATION

Pay special attention to grade level and pre-requisites cited as you read the course descriptions and other requirements. Your teachers, counselors, and administration will be happy to assist you by recommending the courses that are the most appropriate as the next step in your studies.

After consultation with your teachers and parents, you will be ready to fill out the registration form. You will need the signature of the teacher who currently teaches you the subject that requires a teacher signature on the final registration form. For example, if you are signing up for Pre-Calculus, your current math teacher's signature is required. Some courses require the signature of the teacher who teaches the class.

**Friday, March 5, 2010 is the official registration day for returning students.
You will meet with counselors to complete the formal registration process.**

**You will need a \$75 non-refundable registration fee and the official registration form with proper signatures.
Parents must sign the form.**

Once a student submits her course selection form and fee, every effort is made to accommodate your requests and the master schedule is developed. Students who register after March 5th will incur a \$25 late registration fee. The school reserves the right to cancel a course due to insufficient enrollment.

ENGLISH

English I
1 Credit – 2 Semesters
Required course for 9th grade
This English course is devoted to studying the four literary genres (short story, poetry, novel, and drama), developing writing skills, expanding vocabulary, broadening the student's understanding of grammar, and gaining mastery of word processing. 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 9th grade
Prerequisite: Must meet criteria established for placement
The student enrolled in Honors English I begins three years of preparation for AP English 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.

Reading/Writing Lab I
1 Credit – 2 Semesters
Elective course for 9th grade
Prerequisite: Placement test scores and teacher recommendation
This course is designed for the student who needs additional practice and assistance in reading and writing skills. One semester will focus on the Fast ForWord reading enhancement program. The other semester will focus on reading comprehension and writing skills. The class work is good preparation for the student both with the increased reading demands of high school and for cementing a foundation with which

to begin a world language in the sophomore or junior year.

English II
1 Credit – 2 Semesters
Required course for 10th grade
Prerequisite: English I
English II builds on the writing skills and literary skills taught in English I. 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 10th grade
Prerequisite: Successful completion of Honors English I with at least a B average and teacher signature

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.)

Reading/Writing Lab II
1 Credit – 2 Semesters
Required course for Sophomores who do not take a World Language
Prerequisite: Test scores
This course is designed for the student who needs the additional practice and assistance in reading and writing skills. Other

communication skills may be added to this course. It is good preparation for the students both with the increased reading demands of high school and for cementing a foundation with which to begin a world language in the junior year.

English III American Literature

1 Credit – 2 Semesters

Required course for 11th 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 (short stories) and poetry 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 11th grade

Prerequisite: Successful completion of Honors English II with at least a B average and teacher signature

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.)

English IV

1 Credit – 2 Semesters

Required course for 12th grade

Prerequisite: English I, II & III

This course is a survey study of British literature including a piece of Old English literature, a piece from the Middle Ages, a Shakespearean tragedy, an 18th century novel, and a selection of modern British literature. Students also study poetry and write a research paper.

AP English IV

1 Credit – 2 Semesters

Required course for 12th grade

Prerequisite: Cumulative grade of B+ or better in Honors English III

Score of no less than 23 on the PLAN or ACT Verbal or a score of no less than 500 on the PSAT or SAT Verbal Overall cumulative GPA of 3.00 or better

Teacher signature

A wide variety of literary works in all genres is studied; texts range from Shakespeare to contemporary women's poetry and contemporary novels. The course has several aims: to sharpen critical-reading and thinking skills; to improve a student's scholarly writing; to prepare the interested student to take the College Board Advanced Placement test in English Literature and composition; and generally, to prepare the student for college reading and writing. The student who enrolls in AP English should be prepared for the challenges of the course, which include a rapid pace of study, independent reading, frequent analytical writing and revision, and a significant amount of homework.

Creative Writing

½ Credit – 1 Semester

Elective course for 10th, 11th, & 12th grades

Prerequisite: English I and Teacher signature

Creative writing is a workshop-style class. The student writes in several forms; poems, dialogues, monologues, and short stories, one act plays, 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 11th & 12th grades

Prerequisite: English II or III signature

This class focuses on how to read cinematic texts as artifacts of visual culture. The aim of this course is to provide the student 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. We will also connect the various films that we're watching throughout the semester. While attending to these areas of focus, we 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 10th, 11th & 12th grades

Prerequisite: English I and Teacher signature

This course is designed for the student who would like to continue their literary education and development as a reader. Books for this course 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.

FINE ARTS AND TECHNOLOGY

Choral Music I

½ Credit – 2 Semesters

Required course for 9th grade

Choral Music II

½ Credit – 2 Semesters

Elective course for 10th 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.

The student is required to wear a black skirt at knee length or longer, a white dress shirt and black dress shoes for the concerts. A fee is charged to the student for choral music and other needs.

Tower Chorus

½ Credit – 2 Semesters

Elective course for 11th & 12th 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. Performances are varied, such as school concerts and functions, KMEA Festival, and various types of community functions. Students are expected to grasp the concepts needed to perform according to the standards of excellence in music for which she will be periodically tested. This chorus meets during the school day. Members are required to pay a fee to cover music and other needs.

Academy Choir

Credit – None

Elective activity for 9th & 10th grades

Prerequisite: Audition and enrollment in Choral Music I and/or II.

Members will concentrate on increasing their musical knowledge and their singing abilities. Academy Choir will rehearse once a week after school for one hour. Students are required to attend regularly in order to maintain membership. Performances include the Christmas and Spring Concerts. The dress for this choir is the same as Choral Music I.

Prezettes

Credit – None

Elective activity for 10th, 11th & 12th grades

Prerequisite: Audition, currently enrolled in Choral Music II, or Tower Chorus

Prezettes is a select, auditioned group for sophomores, junior and seniors. A member is required to maintain a standard of excellence in performances. Performances

are varied, such as school concerts and functions, KMEA Festival, and various types of community functions. Students are expected to grasp the concepts needed to perform according to the standards of excellence in music for which she will be periodically tested. Members are required to purchase a choral dress and black character shoes. This choir rehearses weekly after school for two hours.

Theatre Arts

½ Credit – 1 Semester

Elective for 10th, 11th & 12th grades

Prerequisite: English I

This course covers many of the aspects of theatre including performance, production, history, and analysis. Students will be able to do the following: understand and analyze dramatic texts and characters, detail important periods of Theatre history, understand elements of technical theatre (including design, practice, and theory), and explore aspects of acting. Students will be exposed to a number of sources in instruction including live performances, guest speakers, videos, active research, individual performances, and design work. Students will be asked to perform a number of activities including acting in a performance, designing a set for a play, watching and analyzing live theater, researching a period of theater history, and collaborating with other students in group activities.

Introduction to Art

1 Credit – 2 Semesters

Elective for 10th, 11th, & 12th grades

This course is a basic art class that introduces and reviews the elements and principles of art through the use of several different types of art media. Students explore the different sections of art offered at Presentation, which include: drawing, painting, ceramics, and sculpture. Studio projects are designed to incorporate student-driven ideas and creativity as well as the elements and principles of art and/or art history. Other areas explored in this class include a small number of gallery critiques.

2D Art: Drawing/Painting

1 Credit – 2 Semesters

Elective for 10th, 11th, & 12th grades

Prerequisite: Introduction to Art or pass Portfolio Review; Art Teacher's Signature

During the first semester, students enhance their technical skills in drawing by exploring different types of media, such as: pencil, charcoal, ink, pastels, etc. Students learn a variety of advanced and alternative methods in drawing as well. During the second semester, students enhance their technical skills in painting by exploring different types of media, such as: watercolor, acrylics, and oils. Students learn a variety of painting techniques during this course: glazing, impasto, and other blending styles. Advanced and alternative methods are also learned. All studio projects are designed to incorporate student-driven ideas and creativity as well as the elements and principles of art and/or art history. Other areas of advanced art are explored in this class, including gallery critiques, hanging artwork, and keeping an active sketchbook.

3D Art: Ceramics

1 Credit – 2 Semesters

Elective for 10th, 11th, & 12th grades

Prerequisite: Introduction to Art or pass Portfolio Review; Art Teacher's Signature

In this course, students enhance their technical skills at hand-building and ceramic construction by exploring different types of three-dimensional forms as opposed to two-dimensional ones. Students explore clay as an art by learning how to control the clay through a variety of techniques, such as pinching, modeling, coiling, molding, and slab construction. Advanced and alternative methods are also learned, along with the process of glazing and firing the kiln. Studio projects are designed to incorporate student-driven ideas and creativity as well as the elements and principles of art and/or art history. Other areas of advanced art are explored in this class, including gallery critiques, hanging artwork, and keeping an active sketchbook.

Freshman Computer Skills

½ Credit – 1 Semester

Required course for 9th grade

In this computer applications course students get "hands-on" computer experience using Microsoft 2007. Students are taught to use and integrate data between Word documents, Excel spreadsheets, Power Point presentations and Publisher. Students will also learn how to scan in documents, use a variety of search engines and manage images.

Computer Graphics and WEB Design

1 Credit – 2 Semesters

Elective for 10th, 11th, & 12th grades

Prerequisite: Freshman Computer Skills

Students will use Adobe Illustrator and Photoshop Elements software to create original pieces of commercial art, such as business stationery, book or CD covers, and restaurant menus. Students will also learn to create functional, professional-looking web pages and multi-page sites for a variety of audiences. Students will learn to use HTML code, as well as Macromedia Studio applications and in addition to technical skills, they will learn to use text, graphics and color effectively to convey meaning in their work.

Digital Photography

1 Credit – 2 Semesters

Elective for 10th, 11th, & 12th grades

Prerequisite: Freshman Computer Skills

In this course, students enhance their technical skills in digital photography by learning the basic principles regarding resolution, storage, file formats, photo composition, lighting, etc. Students learn a variety of photo-taking techniques during this course and will use Adobe Photoshop Elements software to manipulate images they have captured with digital cameras. Advanced and alternative methods are also learned. Studio projects are designed to incorporate student-driven ideas and creativity as well as the elements and principles of art and/or photo history. Other areas of advanced art are explored in this class, including gallery critiques, hanging artwork, and keeping an active camera through blog posts.

Yearbook

1 Credit – 2 Semesters

Elective course for 12th grade

Prerequisite: Student interview, Teacher signature

This course works to develop skills in copywriting, editing, layout, and design of the printed page. Awareness of lighting and focus in photography is developed. The student is expected to be involved in the planning and production of all phases of the yearbook, *The Tower*.

MATHEMATICS

Freshman placement is determined by placement test results (the sum of the quantitative score and twice the math score) in combination with recommendations from the eighth grade math teacher and parent input. Successful completion of Algebra I in the eighth grade is a determiner. 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.

Class progression is as follows:

- Algebra I Pt. I, Algebra I Pt II, Geometry, Algebra II
- Algebra I, Geometry, Algebra II, Pre-Calculus (B- in Algebra II) or College Algebra
- Honors Algebra I, Honors Geometry, Honors Algebra II, Honors Pre-Calculus, AP Calculus or Finite Math
- Honors Geometry, Honors Algebra II, Honors Pre-Calculus, AP Calculus or Finite Math

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 9th 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. Linear equations and inequalities are solved both algebraically and graphically.

Algebra I Part II

1 Credit – 2 Semesters

Required course for 10th grade

Prerequisite: Algebra I Part I

The student learns to perform operations on polynomial expressions. 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. The concept of function is introduced.

Algebra I

1 Credit – 2 Semesters

Required course for 9th 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.

Honors Algebra I

1 Credit – 2 Semesters

Required course for 9th grade

Prerequisite: Must meet established criteria

This course is an in-depth study of Algebra I and is designed to meet the needs of the student who exhibits high mathematical achievement within certain ranges.

Geometry

1 Credit – 2 Semesters

Required course for 10th & 11th grades

Prerequisite: Algebra I

Euclidean geometry as a logical system of thought is studied using both inductive and deductive approaches. The concepts of perpendicular, parallel, congruence, and similarity are used to explore polygons and circles. A study of the right triangle includes the Pythagorean Theorem. Real world applications include finding the area of plane figures and the volume of solids. Throughout the course, algebra is used in the application of geometric theorems.

Honors Geometry

1 Credit – 2 Semesters

Required course for 9th & 10th grades

Prerequisite: Honors Algebra I, (minimum B- average), Teacher signature

In this course, Euclidean geometry as a logical system of thought is studied using both inductive and deductive approaches. The concepts of perpendicular, parallel, congruence, and similarity are used to explore polygons and circles. A study of the right triangle includes the Pythagorean Theorem. Real world applications include finding the area of plane figures and the volume of solids. These topics are covered in greater depth than regular geometry, with greater emphasis in formal proofs and discovery lessons. Throughout the course, algebra is used in the application of geometric theorems.

Algebra II

1 Credit – 2 Semesters

Required course for 11th & 12th 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 logarithms, complex numbers and radical equations are studied.

Honors Algebra II

1 Credit – 2 Semesters

Required course for 9th, 10th, & 11th grades

Prerequisite: Honors Algebra I or Honors Geometry (minimum B-average), Teacher signature

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 relations and logarithmic functions.

College Algebra

1 Credit – 2 Semesters

Required course for 12th grade

Prerequisite: Algebra II, Teacher signature

This course is intended for a senior who needs the fourth year of math but who does not meet the requirements for a Pre-Calculus course. Topics include some ACT preparation, functions and their graphs, an introduction to trigonometry, and a review of topics from algebra on a deeper level.

Pre-Calculus

1 Credit – 2 Semesters

Required course for 12th grade

Prerequisite: Algebra II (minimum B-average), Teacher signature

The topics included in this course are functions, their inverses, their graphs, and their applications. The functions studied include the following: polynomial, rational, exponential, logarithmic, and trigonometric. This course covers trigonometry with a special emphasis on the unit circle. Other topics include matrices and solving systems of equations.

Honors Pre-Calculus

1 Credit – 2 Semesters

Required course for 10th, 11th & 12th grades

Prerequisite: Honors Algebra II and Honors Geometry (minimum B-average), Teacher signature

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, matrices and determinants, sequences and series, and an introduction to limits.

Finite Math

1 Credit – 2 Semesters

Required course for 11th & 12th grades

Prerequisite: Pre-calculus, Teacher signature

This course is intended for a student with a strong background in math who is looking for an additional math course during her junior or senior year. Topics include linear programming, systems of equations, matrices, financial math, probability and statistics, and logic. This course may be taken concurrently with Honors Pre-calculus or AP Calculus. College credit may be earned in this course.

AP Calculus

1 Credit – 2 Semesters

Required course for 11th & 12th grades

Prerequisite: Honors Pre-Calculus, (minimum B- average), Teacher signature

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.

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, Chemistry or Earth Space Science. The third science credit can be chosen from: Environmental Science, for the student who is not interested in pursuing a science major in college; Chemistry, for the college-bound student, or Chem. II/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. The student is required to obtain and use OSHA safety goggles for all science courses.

Earth and Space Science

1 Credit – 2 Semesters

Required for 9th grade

This is a required course for freshmen in Reading/Writing Lab and/or Algebra I Part I. The course will address the concept that the Earth is a comprehensive dynamic system within a system, the universe. Students will investigate and evaluate theories related to the origin of the universe, real life phenomenon, geological concepts, and the ongoing changes in the Earth's system and the universe.

Biology I

1 Credit – 2 Semesters

Required for 9th & 10th grade

This course involves a general overview of living things, the history of their development, classification, molecular and cellular biology, evolution, and genetics. Pertinent lab work is done in small groups. Authentic assessment tools and group and self-evaluation exercises are incorporated into the curriculum.

Health and Physical Education

Health

½ Credit – 1 Semester

Required course for 9th 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, and consumer and community health.

Physical Education

½ Credit – 1 Semester

Required course for 9th 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 10th & 11th grades

This course is required for the sophomore not enrolled in Biology or Chemistry. It is an introduction to the physical sciences. The course integrates basic chemistry, physics, earth and space science, 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 10th & 11th grades; Elective for 12th grade

Prerequisite: "C" average in previous science and math courses, Honors Algebra I, or Algebra II or concurrent enrollment in Algebra II, Math and Science teachers signatures.

This is a science college-preparatory course. The course deals with matter, its structure and properties, chemical reactions and applications of chemical principles to everyday life. Emphasis is placed on scientific literacy and on scientific reasoning through the use of observations, experimentation, quantitative laboratory investigations, technological applications,

mathematical applications and problem solving. Authentic assessment and group and self-evaluation tools are part of the curriculum.

Advanced Physical Education: Lifetime Fitness

½ Credit – 1 Semester

Elective course for 10th, 11th & 12th grades
Prerequisite: Freshman P.E., Teacher signature

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.

Environmental Science

1 Credit – 2 Semesters

Elective course for 11th & 12th 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 habitats, air, water, soil, pollution, and other ecological principles. Emphasis will be placed on interpreting data such as tables, charts, graphs, and observations. Analysis of these data will be emphasized with problem-solving activities and hands-on laboratory investigations with technological applications.

Anatomy and Physiology

1 Credit – 2 Semesters

Elective course for 11th & 12th grades

Prerequisite: Biology I (C average), Teachers signature

This course is designed for students interested in the biological sciences and planning to pursue a degree in a science-related discipline in college. The course will focus on the anatomy (structure) and physiology (function) of the human body. Lab work will emphasize the relatedness of structure to function with the human system and the interconnectedness of each system within the body. Authentic assessment tools as well as group and self-evaluation exercises are incorporated into the curriculum.

Chemistry II/ Physics

1 Credit – 2 Semesters

Elective course for 11th & 12th grades

Prerequisite: Pre Calculus or concurrent enrollment, Chemistry I (B average), Algebra II (C+ average), Science teacher signature.

This is a science college-preparatory course. 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. The first semester will deal with applying information used in Chemistry I to physical models on an atomic level. Transference of energy, solutions, acids, bases and salts, equilibrium, and thermodynamics will be covered. The second semester will deal with fundamental laws of governing the physical universe. Motion, velocity, acceleration, forces, Newton's laws, and vector motion will be covered. 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 11th & 12th grades

Prerequisite: Biology I ("B" average), Chemistry I ("B" average), Complete Student Application, current Science teacher signature.

The curriculum for this course is based on National Advanced Placement Biology Guidelines. Course content includes units on evolution, cellular biochemistry, molecular biology, genetics, plant biology, anatomy, and physiology. Discussion and

research into technological advances in the field of biology are integral parts of this course. Laboratory work includes computerized activities as well as dissections of preserved fetal pig specimens. This course is intended 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 9th grade

This course is designed to make students aware of the physical, political, and cultural world in which she lives. The use of the five fundamental themes of geography in analyzing maps, charts, data, and other materials will be stressed. Upon completion of this course, students will be able to locate political and physical areas of the world, understand human interaction with the environment, and identify customs and cultures of many different regions.

World Civilization

1 Credit – 2 Semesters

Required course for 10th 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 10th grade

Prerequisite: English I teacher signature

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 11th grade

This course is developed around four broad themes: slavery and civil rights, immigration and the economy, social movements, and foreign affairs. The framework gives greater attention to the 20th century. Historical data will be integrated with issues that impact students' lives and help them make informed decisions about the civic life in which they participate.

Honors United States History

1 Credit – 2 Semesters

Required course for 11th grade

Prerequisite: Minimum of B- in Honors World Civilization, teacher signature

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 may be taken for Dual Credit with Spalding University.

Government and Economics

1 Credit – 2 Semesters

Required course for 12th grade

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

Semester 1: Government

Students will explore the workings of the American government, from the national to the local level. They will review how our government was formed, the beginnings and development of the Constitution and how our government and political system has developed. This study will assist them in developing a better understanding of the 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 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 to their daily life as they develop a budget. This survey course will provide a basic understanding of economic principles and terms, and assist students 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 11th & 12th 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, abnormal behavior, gender differences, death and dying, and methods of psychological research.

Sociology

½ Credit – 1 Semester

Elective course for 11th & 12th grades

This one semester course is an introduction to the concepts and methods of sociology and sociological research. Topics to be covered include socialization, group processes, social institutions, social issues, and social change.

THEOLOGY

Theology I

1 Credit – 2 semesters

Required course for 9th 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. As the Bible is studied, 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. They will become familiar with the major sections of the Bible and the various books included in each section while focusing specifically on the Gospels.

Semester 2: Who is Jesus Christ?

This course is designed to introduce students to the mystery of Jesus Christ, the Living Word of God, the Second Person of the Trinity, and the Revelation to us from God. In learning about Jesus, the students will also learn who he calls them to be.

Freshman Service: Five hours of Community Service.

Theology II

1 Credit – 2 semesters

Required course for 10th 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. As the Bible is studied, 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. They will become familiar with the major sections of the Bible and the various books included in each section while focusing specifically on the Gospels.

Semester 2: Who is Jesus Christ?

This course is designed to introduce students to the mystery of Jesus Christ, the Living Word of God, the Second Person of the Trinity, and the Revelation to us from God. In learning about Jesus, the students will also learn who he calls them to be.

Sophomore Service: Ten hours of service at one's school or church community.

Theology III

1 Credit – 2 Semesters

Required course for 11th grade

Semesters 1 & 2: Catholic Moral Teaching

This course assists students with skills vital for making informed moral decisions. Life issues ranging from abortion to euthanasia will be examined and discussed as students

learn the moral concepts and precepts that govern the lives of Christ's disciples.

Junior Service: Fifteen hours of service at an agency that provides acts of mercy.

Theology IV

1 Credit – 2 Semesters

Required course for 12th grade

Semester 1: Peace and Justice

This course explores the roots and traditions of the Church's Social Teaching. Students will learn how Christ's concern for others, especially the poor and needy, is present in the Church's teaching and mission.

Senior Service: Twenty hours of service at an agency that provides acts of justice.

Semester 2: Christian Life Choices

This course offers the student the opportunity to develop an increased awareness of herself as a woman who is emotionally, spiritually, physically, and professionally unique. Students will explore the various roles she currently plays and will play in her various communities as she lives out her unique vocation.

WORLD LANGUAGES

Presentation's World Languages

Department offers four years of French and Spanish instruction. In all levels we practice the four essential components of language: speaking, listening, reading, and writing. Knowledge of the cultural aspects relative to each language is also studied.

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. Students wishing to have experience in both languages may opt to take two years of one language and then switch to take two years of the other language.

French I

1 Credit – 2 Semesters

Required course for 9th & 10th grades

Prerequisite: appropriate score on tests to determine preparedness for language study

Spanish I

1 Credit – 2 Semesters

Required course for 9th & 10th grades

Prerequisite: Appropriate scores tests to determine preparedness for language study

These courses are introductory courses. They assume that the student has had no previous background in the language. Basic concepts are covered, including present tense verbs, greetings, descriptions, pastime activities, family members, weather, and school vocabulary. Students are expected to listen to and speak the language as often as possible to develop their skills.

French II

1 Credit – 2 Semesters

Required course for 10th & 11th grades

Prerequisite: Successful completion of French I or passing of placement test to skip level one

Spanish II

1 Credit – 2 Semesters

Required course for 10th & 11th grades

Prerequisite: Successful completion of Spanish I or passing of placement test to skip level one.

These courses build on concepts covered in the level I courses. Students will cover irregular verbs as well as how to form the simple past tense. Other grammatical topics to be covered 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.

French III

1 Credit – 2 Semesters

Elective course for 11th & 12th grades

Prerequisite: Successful completion of French II (B or higher) and previous teacher's signature of permission

Spanish III

1 Credit – 2 Semesters

Elective course for 11th & 12th grades

Prerequisite: Successful completion of Spanish II (B or higher) and previous teacher's signature of permission

These courses are more advanced courses, and student work will reflect this. There will be more emphasis on speaking and listening skills. Students will learn more advanced verb and grammar rules. Vocabulary topics will include future plans (schooling and career), expressing reciprocal actions, long-term and recent past activities, and comparison expressions.

Honors French IV

1 Credit – 2 Semesters

Elective course for 12th grade

Prerequisite: Successful completion of French III (B or higher), and previous teacher's signature of permission.

Honors Spanish IV

1 Credit – 2 Semesters

Elective course for 12th grade

Prerequisite: Successful completion of Spanish III (B or higher), and previous teacher's signature of permission

These Honors courses are advanced level courses. While some review will occur, vocabulary and grammar from previous levels is expected to have been basically mastered. There will be increased stress on proper pronunciation of the target language, and activities will be incorporated to help students increase their vocabulary base. There will be extensive reading as well as focus on developing writing skills. Students are expected to use the target language as often as possible.

AP Spanish V

1 Credit – 2 Semesters

Elective course for 12th grade

Prerequisite: Successful completion of Spanish IV (B or higher), and previous teacher's signature of permission

AP Spanish is the highest level language course offered at Presentation. In it students will be prepared for the AP exam in the language. Students will practice impromptu scenarios in speaking as well as listen to real world dialogs, news reports, etc. to improve listening skills. Reading and writing skills will be practiced in depth on a range of topics, and vocabulary activities will be incorporated to increase the scope of the student's language comprehension and use. The class will be conducted in the target language, and students are expected to communicate in the target language at all times.

DUAL CREDIT: SPALDING/PRESENTATION

Presentation seniors who qualify may take classes at Spalding University for both high school and college credit. Classes would be considered elective courses. A student interested and qualified to take courses for high school and college credit should make those desires known early on to a counselor or assistant principal. Additional fees are charged for college credit classes. There is a section on the registration form that should be marked.

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

1. 3.50 GPA (cumulative)
2. 90th percentile or above on the PLAN, or 80th percentile or above on the PSAT are recommended.
3. Recommended by the Vice Principal at Presentation Academy or through Presentation Academy faculty recommendations.

KENTUCKY COMMONWEALTH DIPLOMA

This diploma is issued to students who complete the program as structured by the State of Kentucky. The purpose of such a diploma and program is to encourage high academic achievement. Students will be awarded this diploma upon completion of the following qualifications:

1. Successful completion (grade of "C" or better) of at least four (4) courses in the Advanced Placement (AP) Program. Students must complete at least one course in each of the following categories:
 - a. English

- b. Science or Math
- c. Foreign Language
- d. One additional AP Course

2. Completion of an AP exam in three (3) of the courses.