

Presentation Academy
Sophomore
Program of Studies
2007 – 2008

REQUIRED CLASSES
Theology II
English II or Honors English II
Math: Algebra I Geometry Honors Geometry Honors Algebra II Honors Pre Calculus
Science: Physical Science or Chemistry
Social Studies: World Civilizations or Honors World Civilizations
ELECTIVE CLASSES (Choose two)
World Languages: Spanish or French
English: Yearbook Creative Writing (½ credit)
Technology: Web Design (½ credit) Computer Graphics (½ credit) Digital Photography & Video
Social Studies: Global Issues (½ credit)
Fine Arts: Introduction to Art Drawing Chorus II (½ credit) or Study
EARN 7 or 7 ½ credits

THEOLOGY II

Scriptures

(Required course)

The first part of the course is an introduction to the study of Hebrew Scriptures. Class presentations and discussions focus on an overview of Israelite history and a search for the religious messages found in these events and stories. The second part of the course is a study of the background and development of the Christian Scriptures. Students investigate the similarities and differences of the Gospels and learn about faith and discipleship as witnessed by Jesus, Paul, and the Early Church Communities. Students are required to complete ten hours of service at Presentation Academy or their church community.

Credit: Two semesters; 1 credit

ENGLISH

English II

(Required course)

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.

Prerequisites: English I

Credit: Two semesters; 1 credit

Honors English II

(Required course)

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.

Prerequisites: English I, teacher signature

Credit: Two semesters; 1 credit

Creative Writing (1st and 2nd semesters)

(Elective course)

Creative Writing is a workshop-style class. The student writes in several forms: poems, dialogues, monologues, and short stories, writing fables, 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, serving 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.

Prerequisites: Teacher signature

Credit: One semester: ½ credit each semester

MATHEMATICS

Algebra I (Required course)

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.

Credit: Two semesters; 1 credit

Geometry (Required 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. Throughout the course, algebra is used in the application of geometric theorems.

Prerequisite: Algebra I

Credit: Two semesters; 1 credit

Honors Geometry (Required course)

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.

Prerequisite: Honors Algebra I, teacher signature

Credit: Two semesters; 1 credit

Honors Algebra II (Required 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 relations, logarithmic functions, sequences and series, and conic sections. The graphing calculator is used as a teaching aid throughout the course.

Prerequisite: Honors Algebra I, teacher signature

Credit: Two semesters; 1 credit

Honors Pre-Calculus (Required course)

The 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 functions. This course covers trigonometry with a special emphasis on the unit circle. Conic sections, matrices, determinants, sequences and series, and an introduction to limits are also included.

Prerequisite: Honors Algebra II, teacher signature

Credit: Two semesters; 1 credit

SCIENCE

Physical Science (Required course)

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, 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.

Credit: Two semesters; 1 credit

Chemistry I (Required course)

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.

Prerequisite: "C" average in previous science and math

courses, Algebra II or concurrent enrollment, signature of math as well as science teacher

Credit: Two semesters; 1 credit

Prerequisite: Freshman P.E., teacher signature

Credit: One semester; ½ credit

SOCIAL STUDIES

World Civilization

(Required course)

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. The student will make connections from past to present and become aware of links between history, geography, science, and technology.

Honors World Civilizations

(Required course)

This honors level 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. The student will make connections from past to present and become aware of links between history, geography, science, and technology. Additional readings, papers, and coursework will be required to provide a deeper understanding of the material.

Prerequisite: English I teacher signature

Credit: Two semesters; 1 credit

Global Issues

(Elective course)

This course is designed to prepare students to analyze the events of the world around them. Using a weekly news magazine as a backdrop and building on their knowledge of World History and current events, students will gain a better understanding of topics relating to government, international affairs, social issues, technology, and globalization.

Credit: One semester; ½ credit

WORLD LANGUAGE

(Required course)

Presentation's World Language Department offers four years of French and Spanish instruction. In all levels, speaking, listening, reading, and writing skills are stressed. Emphasis on cultural knowledge is also part of this experience.

A minimum of two years of a world language is required for the college bound student. The signature of the Spanish II or the French II teacher is required before the student may enter the next level. The signature of the Spanish III or French III teacher is required before the student may advance

to the fourth year of study. The signature of the Spanish IV teacher is required before the students may advance to AP Spanish.

Prerequisite:

French I Must meet placement criteria

French II Satisfactory completion of French I

Spanish I Must meet placement criteria

Spanish II Satisfactory completion of Spanish I

French III French II teacher signature

Spanish III Spanish II teacher signature

Credit: Two semesters; 1 credit

Honors Spanish II

(Elective course)

This course will involve an accelerated study of grammar. Students will cover all tenses in the indicative mode and direct and indirect object pronouns. In addition to other grammar concepts these students will begin to read literary excerpts and do research. They will be expected to communicate mostly in Spanish. They will also practice more extensively listening comprehension. They should be prepared to continue into AP Spanish their senior year.

Prerequisite: Spanish I, teacher signature

Credit: Two semesters, 1 credit

TECHNOLOGY

Computer Graphic Design

(Elective course)

Students will use Adobe Illustrator and Photoshop elements software to create original pieces of commercial art, such as business stationery, magazine covers, and restaurant menus. In addition to technical skills, students will learn to use text, graphics and color effectively to convey meaning in their work.

Prerequisite: Freshman Computer Skills Course

Credit: One semester; ½ credit

Web Design

(Elective course)

Students will 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.

Prerequisite: Graphic Design

Credit: One semester, ½ credit

Digital Photography & Video

(Elective course)

During first semester students will learn principles of digital photography (e.g., resolution, storage, file formats, photo composition, lighting) and will use Photoshop Elements software to manipulate images they have captured with digital cameras. During second semester students will learn to record

video with a digital camcorder and will use Windows Movie Maker software to edit their digital videos. They will produce videos that combine text, computer-generated graphics, digital photos, digital video, and sound.

Prerequisite: Freshman Computer Skills Course

Credit: Two semesters, 1 credit

FINE ARTS

Introduction to Art

(Elective course)

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. Art history is also studied as a part of this course.

Credit: Two semesters; 1 credit

Portfolio Review Option

(Placement Option)

Students who wish to take art at the advanced level (Drawing, Painting, 3D: Ceramics and Sculpture) but have not yet taken Introduction to Art, may go through Portfolio Review. Students must submit a portfolio containing at least one piece of artwork from each of the above areas (2-D work and 3-D work) as well as give written critiques and/or descriptions about their work. Students who are interested must see the art teacher for a packet/checklist to complete and obtain the teacher's signature for entrance into the desired advanced art class.

Prerequisite: Passing Portfolio Review

Art teacher's signature

Drawing

(Elective course)

In this course, students enhance their drawing skills by exploring different types of media, such as: pencil, charcoal, ink, pastels, etc. Studio projects are designed to incorporate student-driven ideas as well as the elements and principles of art and/or art history.

Credit: Two semesters; 1 credit

Credit: Two semesters; 1 credit

Choral Music II

(Elective course)

Chorus for the sophomore is an elective. This course consists 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 of knee length or longer, a white dress blouse and black shoes. A fee is charged to the students for choral music and other needs.

Credit: Two semesters; ½ credit

NON-CREDIT ACTIVITIES

Advanced Choir

This is an advanced choir for sophomores first semester. Freshmen are eligible for participation during the second semester by teacher recommendation. Members will concentrate on increasing their musical knowledge and their singing abilities. Advanced 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.

Prerequisite: Audition and enrollment in Choir II