

Presentation Academy
Senior
Program of Studies
2007 – 2008

REQUIRED CLASSES
Theology IV
English IV or AP English IV
Social Studies: Government & Economics (if no Geography as Freshman)
Math: Algebra II
Spalding Classes: (check with administration for a list of classes offered)
ELECTIVE CLASSES (Choose four)
World Languages Spanish or French
English: Women's Studies (½ credit) Creative Writing (½ credit) Yearbook Film Studies (½ credit)
Social Studies: Psychology Sociology (½ credit) Global Issues (½ credit)
Math: Pre Calculus AP Calculus Finite Math College Prep Algebra
Science: AP Biology Chemistry II/ Physics Anatomy & Physiology
Fine Arts: Intro to Art Painting Drawing

Three-Dimensional Art Chorus IV (½ credit) or Study
Leadership: Leadership Seminar
Technology: Web Design (½ credit) Computer Graphics (½ credit) Digital Photography & Video
EARN 7 or 7 ½ credits

DUAL CREDIT: SPALDING/PRESENTATION

Presentation juniors and senior 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 member of the Scheduling Advisory Team. Team members are Ms. Christensen, Ms. Wardrip, Ms. Wine, and Ms. Hammer. There is a section on the official registration form that also needs to be marked.

A student should declare her interest in regularly scheduled college classes from listings readily available from members of the administrative staff at Presentation Academy and from the University.

Additional fees are charged for college credit classes.

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

1. 3.30 GPA (cumulative)
2. 90th percentile or above on the PLAN, or 80th percentile or above on the PSAT or the ACT is recommended.
3. Recommended by the Vice Principal at Presentation Academy or through Presentation Academy faculty recommendations.

THEOLOGY IV (Required course)

Peace and Justice and Christian Woman in Society

The first half of the senior curriculum provides an in-depth study of several justice issues including poverty, sexism, racism, and discrimination based on physical and mental differences, environmental problems, and discrimination based on sexual orientation. In order to explore systemic, long-term solutions to injustice, the student will complete 20 hours of service at a local agency that works with one of the justice issues discussed in class. The

second half of the year offers the student the opportunity to develop an increased awareness of herself as a woman who is emotionally, spiritually, physically, and professionally unique. Once the student comes to a clearer vision of herself as an individual, then she studies the role she currently plays and will play in her various communities.

Credit: Two semesters; 1 credit
20 hours of service required to fulfill course requirement and earn class credit

ENGLISH

English IV (Required course)

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, and an 18th century novel and a selection of modern British literature. Students also study poetry and write a research paper.

Prerequisites: English I, II, III
Credit: Two semesters; 1 credit

AP English IV (Required course)

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.

Prerequisite:

1. Cumulative grade of A- or better in Honors English III
2. 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
3. Overall cumulative GPA of 3.00 or better
4. Teacher signature

Credit: Two semesters; 1 credit

Yearbook (Elective course)

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*.

Prerequisite: Student interview, teacher signature
Credit: Two semesters; 1 credit

Women's Studies (Elective course)

A one-semester elective for juniors and/or seniors, this course will involve study of an historical overview of women writers in and prior to the nineteenth century. The student will read selected works of women writers of the 20th century and be encouraged to develop and express her own voice through personal writing.

Credit: One semester; ½ credit

Film Studies (Elective course)

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.

Prerequisites: English II teacher signature
Credit: One semester, ½ credit

SOCIAL STUDIES

Government and Economics (Required course)

This required course for seniors who did not take geography, government and economics provides an overview of how each of these topics is relevant in today's society. Students will study various aspects of government in light of fundamental principles of American life. Macro and microeconomics include concepts of supply and demand, multinational corporations, taxes and government revenues, and personal finance issues.

Credit: Two semesters; 1 credit

Psychology (Elective course)

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.

Credit: Two semesters; 1 credit

Sociology (Elective course)

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.

Credit: One semester; ½ 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

MATHEMATICS

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 and logarithms are studied.

Complex numbers, radical equations, conic sections, and sequences and series are introduced. The graphing calculator is used as a teaching aid throughout the course.

Prerequisite: Algebra I, Geometry

Credit: Two semesters; 1 credit

College Prep Algebra (Elective course)

This course is intended for a senior who would like a 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.

Prerequisite: Algebra II, teacher signature

Credit: Two semesters; 1 credit

Pre-Calculus (Elective course)

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.

Prerequisite: Algebra II (“C” average), teacher signature

Credit: Two semesters; 1 credit

Honors Pre-Calculus (Elective course)

This course is intended for a student who will take Calculus as her next mathematics course. Seniors are allowed to enroll only under special circumstances. 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. Also included are conic sections, matrices and determinants, sequences and series, and an introduction to limits.

Prerequisite: Honors Algebra II, teacher signature

Credit: Two semesters; 1 credit

Finite Math (Elective course)

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, financial math, probability and statistics, applications and logic. This course may be taken concurrently with Honors Pre-calculus or AP Calculus.

Prerequisite: Pre-calculus, teacher signature

Credit: Two semesters; 1 credit

AP Calculus (Elective course)

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.

Prerequisite: Honors Pre-Calculus, 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: Computer Graphic Design

Credit: One semester, ½ credit.

Digital Photography & Video (Elective course)
During the 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 the 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

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 or French teacher is required before the student may enter an advanced level, i.e. Spanish/French III; Spanish/French IV; AP Spanish.

Prerequisite:

French II	Satisfactory completion of French I
Spanish II	Satisfactory completion of Spanish I
French III	French II teacher signature (Elective course)
Honors French IV	French III teacher signature
Spanish III	Spanish II teacher signature
Honors Spanish IV	Spanish III teacher signature
AP Spanish	Spanish IV teacher signature

Credit: Two semesters; 1 credit

SCIENCE

Chemistry I (Elective course)
This is a science elective, 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.
Prerequisite: "C" average in previous science and math courses, Algebra II or concurrent enrollment, signature of math as well as science teacher signature.
Credit: Two semesters; 1 credit

Environmental Science (Elective course)

This is a science elective designed for the student who is interested in ecology and environmental issues. The course will focus on 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 data will be emphasized with problem-solving activities and hands-on laboratory investigations with technological applications
Prerequisite: Satisfactory completion of two previous science courses
Credit: Two semesters; 1 credit

Anatomy and Physiology (Elective course)
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.
Prerequisite: Biology I (C average), teacher signature
Credit: Two semesters; 1 credit

Chemistry II/Physics (Elective course)
This is a science college-preparatory course. It is highly recommended for any students 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 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 and will be developed in the students. Problem solving and developing scientific and computer literacy will be emphasized.
Prerequisite: Pre Calculus or concurrent enrollment, Algebra II (C+ average), Chemistry (B average), science teacher signature
Credit: Two semesters; 1 credit

AP Biology (Elective course)
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, genetics studies on living fruit flies and biochemical analyses. 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.

Prerequisite: Biology I, Chemistry I (B average), teacher signature

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, 3-D: 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 art work from each of the above areas (2-D 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.

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. Students are required to write a gallery review each semester as well as complete and art history-based midterm.

This class further explores the elements of art as they pertain to drawing. Students will use several different drawing mediums such as pencil, charcoal, ink, watercolor, and pastels to develop their skills in drawing. Students will be required to write a gallery review each quarter as well as complete an Art History based midterm project.

Prerequisite: Introduction to Art or pass Portfolio Review

Credit: Two semesters; 1 credit

Painting

(Elective course)

In this course, students enhance their painting skills by exploring different types of media, such as: water color, acrylics, and oils. Different painting techniques are covered in this course: glazing, impasto, and other blending

styles. Studio projects are designed to incorporate student-driven ideas as well as the elements and principles of art and/or art history. Students are required to write a gallery review each semester as well as complete and art history-based midterm.

Prerequisite: Introduction to Art or pass Portfolio Review

Credit: Two semesters; 1 credit

3-Dimensional Art: Sculpture & Ceramics (Elective course)

In this course, students enhance their hand-building and construction skills by exploring different types of media in a three-dimensional form as opposed to a two-dimensional one. First semester covers Ceramics, in which students explore clay as an art form by learning how to control the clay through a variety of techniques, such as pinching, modeling, coiling, and slab construction. Students also learn the process of glazing and firing. Second semester covers Sculpture, in which students explore many different types of media as art, such as wire, paper, found objects, etc. Studio projects are designed to incorporate student-driven ideas as well as the elements and principles of art and/or art history. Students are required to write a gallery review each semester as well as complete an art history-based midterm.

Prerequisite: Introduction to Art or pass Portfolio Review

Credit: Two semesters; 1 credit

Tower Chorus

(Elective course)

Tower Chorus is an auditioned 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, various types of community functions and The King's Island Choral Festival by teacher recommendation. 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. (Prezettes are excused from this fee.)

Prerequisite: Audition, participated in Choir I and II.

Credit: Two semesters; ½ credit

Prezettes

Prezettes is a select, auditioned group 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. Members are required to purchase a choral dress and black character shoes. There is no fee. This choir meets during the school day.

Prerequisite: Audition, enrollment in Chorus I, II and is currently enrolled in Tower Chorus.

Credit: ½ credit

LEADERSHIP

Leadership Seminar

(Elective course)

This one semester class will offer the student an opportunity to enhance self-knowledge, building an awareness of her capacity for leadership and to strengthen her leadership skills. It will help her develop her unique style of leadership through activities, readings, speakers, and discussion.

Prerequisite: Application essay, Leadership Coordinator's signature

Credit: ½ credit