



LISA ACADEMY  
2009-2010

# **HIGH SCHOOL COURSE CATALOG**

# English Language Arts

## Communications

### **Communication I**

Communication I is designed to improve communication skills, especially organization of ideas, use of body and voice, articulation, fluency, and poise. The course consists of oral interpretation, group discussion, and parliamentary procedure.

Grade: 9-10

Prerequisite: None

Credit: 1

### **Communication IA**

Grade: 9-10

Prerequisite: None

Credit: 1/2

### **Communication IB**

Grade: 9-10

Prerequisite: Communication IA

Credit: ½

## Drama

### **Drama I**

This course is designed for those students who are interested in further study in the field of dramatic art. Building on basic speech skills, the drama course is structured to channel these skills into dramatic presentations. This is done through classroom activities of pantomime, dramatic reading, readers theatre, and solo/duet acting. These activities are integrated with the study of the history of drama from the ancient Greek civilization to modern society. The drama course also serves as the working class for dramatic productions presented each year. Involvement in a play teaches stage production techniques, such as lighting, set design, makeup, costuming, publicity, etc., as well as allowing those students who are interested in the performing aspects to exhibit their dramatic talents before a live audience.

Grade: 9-12

Prerequisite: None

Credit: 1

## Journalism

### **Journalism**

Journalism is designed to prepare students to take the key positions on the newspaper and yearbook staffs. Students learn to follow journalistic principles in writing and evaluating news stories, editorials, features, sports stories, columns, etc. In addition, they learn to proofread, to draw layouts, to sell ads and prepare layouts for these, and to write headlines. Students are assigned “beats” and write stories which are submitted for publication.

Grade: 9-12

Prerequisite: None

Credit: 1

# English

## English I

This course includes an analytical approach to multicultural literature, with an emphasis on literary types and structural elements. Skill in recognizing and using these concepts is developed through discussions and compositions. All aspects of punctuation and usage are stressed in compositions.

Grade: 9

Credit: 1

## English I Pre-AP

This course of study has the same basic curriculum as regular English. The difference is more in method rather than in content. Multicultural literature in the genres of short story, poetry, drama, and the novel are approached from the humanities point of view. In composition, the students are encouraged to explore how and why words are used in all types of writing and to develop a personal style in their writings; students are also introduced to lengthy, structured compositions. This course is designed to offer a rich and rigorous literacy curriculum to all students. The curriculum is designed to increase the academic challenge to students by teaching and mastering skills, concepts, and methods in literature, composition, listening, and speaking consistent with the AP English courses. Using in-depth units of study, along with building skills in research, writing, critiquing, and expression, will prepare the student for success in AP courses as well as in other challenging courses. The Pre-AP curriculum is designed to prepare students well for success in AP English III and/or AP English IV.

Grade: 9

Credit: 1

## English II

This course consists of units in literature, language, and composition. The language skills component included an intensive and extensive study of grammar and usage. Starting with a review of the parts of speech, the students progress through sentence structure and variety, paragraph writing, and conclude with the three-point enumeration theme. The study of multicultural literary works is according to different genres: the short story, the essay, poetry, the novel, and drama. Compositions that are an outgrowth of the ideas and values presented in the literary works are assigned. Research methods in the library are introduced through a unit of preparatory work toward an investigative report.

Grade: 10

Prerequisite: English I

Credit: 1

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## English II Pre-AP

This course focuses on three components: literature, language, and composition. Instruction in language skills consists of an intensive and extensive study of grammar and usage. Starting with a review of the parts of speech, the students' progress through sentence structure and variety, paragraph writing, and concludes with the three-point enumeration theme. An emphasis on humanities is achieved through a thematic study of multicultural literature with an emphasis on using abstract ideas and concepts, developing creativity, criticizing individual works, and appreciating literature. An investigative report enables the student to develop the necessary skills for writing junior and senior research papers. This course is designed to offer a rich and rigorous literacy curriculum to all students. The curriculum is designed to increase the academic challenge to students by teaching and mastering skills, concepts, and methods in literature, composition, listening, and speaking consistent with the AP English courses. Using in-depth units of study, along with building skills in research, writing, critiquing, and expression, will prepare the student for success in AP courses as well as in other challenging courses. The Pre-AP curriculum is designed to prepare students well for success in AP English III and/or AP English IV.

Grade: 10

Prerequisite: English I or English I Pre-AP

Credit: 1

### **English III**

This course is designed to acquaint the students with the development of literature in America. Multicultural readings are correlated to author, genre, background, or theme. The study of the various facets of the society during each cultural period—its religion, social classes, government, and philosophies—assists the student in furthering his/her knowledge of selected literary masterpieces from the particular period in order to grasp the universality of the selection. These literary experiences are enriched by the in-depth study of related novels or plays. Essay, poetry, short story, and drama are studied thematically and structurally. Composition and oral communication are the outgrowth of literary discussions. Formal study of usage, vocabulary, and grammar supplements individual instruction.

Grade: 11

Prerequisite: English II

Credit: 1

### **English III Pre-AP**

This course is designed to acquaint the students with the development of literature in America. An in-depth study of a novel each nine weeks is supplemented by multicultural readings correlated to author, genre, background, or theme. Essay, poetry, short story, and drama are studied thematically and structurally. Composition and oral communication are the outgrowth of literary discussions. Formal study of usage, vocabulary, grammar, and spelling supplements individual instruction. This course is designed to offer a rich and rigorous literacy curriculum to all students. The curriculum is designed to increase the academic challenge to students by teaching and mastering skills, concepts, and methods in literature, composition, listening, and speaking consistent with the AP English courses. Using in-depth units of study, along with building skills in research, writing, critiquing, and expression, will prepare the student for success in AP courses as well as in other challenging courses. This Pre-AP course at the junior level is the preparation course for English IV AP.

Grade: 11

Prerequisite: English II or English II Pre-AP

Credit: 1

### **English III AP (English Language and Composition)**

The AP English Language and Composition course is designed to help students become skilled readers of prose written in a variety of rhetorical contexts and to become skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing.

The purpose of the AP English Language and Composition course is to enable students to read complex texts with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers. An AP English Language and Composition course should help students move beyond such programmatic responses as the five-paragraph essay that provides an introduction with a thesis and three reasons, body paragraphs on each reason, and a conclusion that restates the thesis.

Although such formulaic approaches may provide minimal organization, they often encourage unnecessary repetition and fail to engage the reader. Students should be encouraged to place their emphasis on content, purpose, and audience and to allow this focus to guide the organization of their writing.

As well as engaging in varied writing tasks, students become acquainted with a wide variety of prose styles from many disciplines and historical periods, and gain understanding of the connections between writing and interpretive skill in reading. Concurrently, to reflect the increasing importance of graphics and visual images in texts published in print and electronic media, students are asked to analyze how such images both relate to written texts and serve as alternative forms of texts themselves. In addition, the informed use of research materials and the ability to synthesize varied sources (to evaluate, use, and cite sources) are integral parts of this course. Students move past assignments that allow for the uncritical citation of sources and, instead, take up projects that call on them to evaluate the legitimacy and purpose of sources used.

Syllabus approved by The College Board

Grade: 11

Prerequisite: English II or English II Pre-AP

Credit: 1

**English IV**

This course is designed to provide the students with the historical and literary background of the British people. The study of the various facets of the society during each cultural period—its religion, social classes, government, and philosophies—assists the student in furthering his/her knowledge of selected literary masterpieces from the particular period in order to grasp the universality of the selection. These literary experiences are enriched by the in-depth study of related novels or plays. The literary selections provide a basis for vocabulary study and growth, topics for oral discussion and analytical and creative writing, and patterns for rhetorical and stylistic devices that will make the student's written communications more effective. A review of grammar, usage, and writing skills is included. Research skills culminating in a research paper are also taught.

Grade: 12

Prerequisite: English III

Credit: 1

**English IV AP (English Composition and Literature)**

The AP English Literature and Composition course is designed to engage students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students can deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students should consider a work's structure, style, and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone.

Reading in an AP course should be both wide and deep. This reading necessarily builds upon the reading done in previous English courses. These courses should include the in-depth reading of texts drawn from multiple genres, periods, and cultures. In their AP course, students should also read works from several genres and periods -- from the sixteenth to the twenty-first century -- but, more importantly, they should get to know a few works well. They should read deliberately and thoroughly, taking time to understand a work's complexity, to absorb its richness of meaning, and to analyze how that meaning is embodied in literary form. In addition to considering a work's literary artistry, students should consider the social and historical values it reflects and embodies. Careful attention to both textual detail and historical context should provide a foundation for interpretation, whatever critical perspectives are brought to bear on the literary works studied.

Writing should be an integral part of the AP English Literature and Composition course, for the AP Examination is weighted toward student writing about literature. Writing assignments should focus on the critical analysis of literature and should include expository, analytical, and argumentative essays. Although critical analysis should make up the bulk of student writing for the course, well-constructed creative writing assignments may help students see from the inside how literature is written. The goal of both types of writing assignments is to increase students' ability to explain clearly, cogently, even elegantly, what they understand about literary works and why they interpret them as they do.

Syllabus approved by the College Board

Grade: 12

Prerequisite: English III or English III AP

Credit: 1

**ACT Preparation: English**

The purpose of this one-semester course is to reinforce those skills needed to raise English ACT scores. Course content emphasizes intensive review of grammar, punctuation, syntax, vocabulary, and critical reading. This course is paired with the ACT Preparation course in mathematics.

Grade: 10-12

Prerequisite: English I

Credit: ½

# Mathematics

## **Algebra I**

This course contains the same content as Algebra I Pre-AP with a less rigorous approach to theory and proofs. All students must successfully complete Algebra I or its equivalent in order to graduate from high school.

Grade: 9

Prerequisite: Eighth grade mathematics

Credit: 1

## **Algebra I Pre-AP**

This course is an advanced level of Algebra I and is designed to prepare students for college admission, for the AP mathematics courses, and for good performance on college admission examinations. Most advanced mathematics students take Algebra I Pre-AP in grade 7 or 8. This course at the high-school is for those students who either did not take the course in middle school but who are ready to do so or for transfer students.

Grade: 9

Prerequisite: Eighth grade mathematics

Credit: 1

## **Algebra II**

Algebra II includes study of real numbers and equations, inequalities, functions and graphs, systems of equations and inequalities, matrices and determinants, rational expressions, irrational and complex numbers, quadratic functions, polynomial functions, and conic sections. These topics are addressed in less depth than they are in Algebra

II Pre-AP.

Grade: 10-12

Prerequisite: Algebra I

Credit: 1

## **Algebra II Pre-AP**

Algebra II Pre-AP is a rigorous course that includes study of real numbers and equations, inequalities, functions and graphs, systems of equations and inequalities, matrices and determinants, rational expressions, irrational and complex numbers, quadratic functions, polynomial functions, and conic sections. Particular emphasis is placed on the content and skills that will prepare students for success in upper level science and mathematics courses including AP courses in calculus, statistics, chemistry and physics.

Grade: 9-10

Prerequisite: Algebra I Pre-AP or Algebra I with teacher recommendation

Credit: 1

## **Geometry**

Geometry presents the basic ideas of geometry including the nature of angles, triangles, congruence, geometric inequalities, perpendiculars, and parallels. Geometry is taught using postulates and theorems in an effort to teach the nature of direct and indirect proofs.

Grade: 10-12

Prerequisite: Algebra I

Credit: 1

## **Geometry Pre-AP**

Geometry pre-AP presents the same content as Geometry with a more rigorous, challenging approach and more emphasis on deductive reasoning and formal proof. Most students enrolled in this course should have completed Algebra II Pre-AP in the ninth grade. Particular emphasis is placed on the content and skills that will allow students to be successful in AP calculus.

Grade: 9-10

Prerequisite: Algebra I Pre-AP or Algebra I with teacher recommendation

Credit: 1

**Pre-Calculus**

This course is designed to expose students to pre-calculus topics necessary for enrollment in many college programs. It includes one semester of trigonometry and one semester of advanced algebra. Topics are angles and their measures, central angles and arcs, trigonometric identities, trigonometric functions, right triangles and trigonometric functions, sum, difference, double and half angle identities, polar coordinates, special theorems for solving polynomial equations, exponential and logarithmic functions, and discrete mathematics.

Grade: 11-12

Prerequisite: Algebra II and Geometry

Credit: 1

**Pre-Calculus Pre-AP**

This course includes the same content as Pre-Calculus with a more rigorous approach to theory and applications. Particular emphasis is placed on the content and skills that will allow students to be successful in AP Calculus.

Grade: 10-11

Prerequisite: Algebra II Pre-AP and Geometry Pre-AP

Credit: 1

**Statistics**

This course has been designed to be accessible to all students. It provides an introduction to statistics and the practical and theoretical aspects of prediction. Statistics presents topics to prepare students for college majors such as social studies, English, business, and the sciences.

Grade: 10-12

Prerequisite: Algebra II

Credit: 1

**College Algebra & Trigonometry**

This course is designed for students who plan to pursue college majors in the fields of science and technology, interdisciplinary studies, or business. This course is a pre-calculus mathematics course in algebra. Specific topics to be covered include functions and their graphs, polynomial and rational functions, exponential and logarithmic functions, and systems of equations and inequalities.

**Transition to College Mathematics**

Transition to College Mathematics is intended to build on previous courses in Algebra I, Algebra II, and Geometry and to place emphasis on bringing about a deeper understanding of those mathematical relationships. The course will give emphasis to numerical and graphical representations, modeling from data, reasoning clearly and communicating concepts via writing, speaking, listening, drawing, and reading, and integrating technology as a tool for developing a deeper understanding of mathematical structure. The course will concentrate on number systems concepts, algebraic concepts, geometric concepts, and probability and statistics concepts. This course may be completed to satisfy the fourth year of mathematics required for unconditional admission to Arkansas' colleges and universities.

Grade: 11-12

Prerequisites: Algebra I, Algebra II, and Geometry

Credit: 1

**Statistics AP**

The purpose of the Advanced Placement course in Statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students in AP Statistics will have the opportunity to take an Advanced Placement test in May of each year. Students who successfully complete the course and examination may receive credit and/or advanced placement for a one-semester introductory college statistics course.

Grade: 10-12

Prerequisite: Algebra II

Credit: 1

**Calculus AB AP**

Advanced Placement Calculus AB consists of a full academic year of work in calculus and related topics comparable to courses in colleges and universities. This course is open to students who have successfully completed Geometry, Algebra II, and Pre-Calculus. Students in AP Calculus will have the opportunity to take an Advanced Placement test in May of each year. Most colleges grant advanced placement and credit to students according to the results of the Advanced Placement Examination.

Grade: 11-12

Prerequisite: Pre-Calculus Pre-AP or Pre-Calculus with Teacher

Recommendation

Credit: 1

**Calculus BC AP**

This is a course in single-variable calculus that includes all the topics in Calculus AB plus additional topics in differential and integral calculus (including parametric, polar, and vector functions and series). It is equivalent to at least a year of calculus at most colleges and universities. Algebraic, numerical, and graphical representations are emphasized throughout the course. Prospective students should possess a sincere intent to place out of the first year of college calculus rather than repeat it.

# Science

## **Physical Science**

Learn inquiry-based methods and strategies to teaching the standards-based science topics that teachers and students find most challenging, including atomic and molecular structure, chemical reactions, motions and forces, and the electromagnetic spectrum. Use multimedia to explore novel learning environments and methodologies that foster student interest, involve them in the research process, advance their critical thinking skills, and develop their conceptual understanding.

## **Physics**

Physics focuses on the beauty, the excitement, and the usefulness of physics without emphasizing mathematics to the same extent as most traditional physics courses. The course allows students to experience physics, not merely read about it. Physics explores the world that students and adults encounter each day through a thematic approach. The themes are home, sports, medicine, transportation, communications, and predictions. The National Physics Educational Standards are addressed throughout the curriculum.

Grade: 11

Prerequisite: None

Credit: 1

## **Physics Pre-AP**

The course focuses on the physics concepts and related mathematics of force and motion, work, energy and machines, states of matter, properties of waves, light and sound, electricity and magnetism, and atomic and nuclear physics. Concepts in physics and the nature of science are developed through lab activities and research investigations. Science, technology and society issues and historical perspectives are also addressed. Particular emphasis is placed on the thinking skills, problem-solving, and content that will prepare students for Advanced Placement Physics.

Grade: 11

Prerequisite: Completion of/or concurrent enrollment in Algebra II.

Credit: 1

## **Biology**

Biology is the study of living things with emphasis on their similarities, differences, life processes, and how they relate to their environment. Presentation is in the form of discussions, demonstrations, and laboratory investigations. Topics include introduction of life processes, methods of science, matter, energy, the chemical basis of life, cell metabolism, evolution, reproduction, development, and environmental education. An important goal of biology is to establish biological literacy so that students can be productive citizens and responsible caretakers of our environment.

Grade: 9,10

Prerequisite: None

Credit: 1

## **Biology Pre-AP**

Biology Pre-AP is a laboratory course that includes the same basic curriculum as Biology. In addition selected areas of the curriculum are explored in greater depth and breadth. Students learn to use instrumentation commonly used in the field of biology, collect and analyze data from classroom investigations, and utilize mathematics as a tool to evaluate data. Particular emphasis is placed on the thinking skills, problem solving, and content that will prepare students for Advanced Placement biology.

Grade: 10

Prerequisite: Physical Science

Credit: 1

**AP Biology**

The two main goals of AP Biology are to help students develop a conceptual framework for modern biology and an appreciation of science as a process. The ongoing knowledge explosion in biology makes these goals even more challenging.

Grade Levels: 11-12

Credit: 1

**Chemistry**

This course combines the core concepts of chemistry with activities that show students how they are surrounded by chemistry and how chemistry applies to their daily lives. Students are encouraged to work in groups to solve problems and make decisions related to science and society issues. A practical familiarity with chemicals, reactions, and techniques are developed by means of laboratory experiences.

Grade: 10-11

Prerequisite: None

Credit: 1

**Chemistry Pre-AP**

This course includes the same basic curriculum as chemistry. In addition selected areas of the curriculum are explored in greater depth and breadth. The course has an intensive laboratory component. Spectrophotometers, scalars and Geiger tubes, electronic balances, pH meters, and computers or CBLs with probes are examples of equipment which is used to give students experiences with scientific instrumentation. Scientific inquiry is an important component of the course. Particular emphasis is placed on the chemistry content, laboratory skills, and thinking skills that will prepare students for Advanced Placement chemistry.

Grade: 10-11

Prerequisite: Algebra II

Credit: 1

**Chemistry AP**

Advanced Placement chemistry is a second-year course that is taken after completion of chemistry. AP Chemistry includes topics from both inorganic and organic chemistry. The structure of matter, kinetic theory of gases, chemical equilibria, chemical kinetics, the basic concepts of thermodynamics, biochemistry, and organic chemistry are topics which are addressed. AP Chemistry also includes an emphasis on chemical calculations and mathematical formulation of principles and on extensive laboratory work. The course follows the course description developed for Advanced Placement chemistry by the College Board.

Grade: 11-12

Prerequisite: Pre-AP Chemistry I (or Chemistry I and Algebra II with teacher recommendation)

Credit: 1

**Environmental Science**

This course is interdisciplinary and covers several major global issues related to the health of our planet. Through problem-based learning, students will be guided through a series of research questions related to global warming, the greenhouse effect, biodiversity, over-population, pollution, and energy. Science as a process of inquiry will also be taught with a goal of establishing sound laboratory, observation, and reporting skills. At the end of the year, Fair students will have a solid foundation in global environmental issues and will understand how their actions impact not only their local environment but also the world's.

Grade Levels: 11-12

Credit: 1

# Social Studies

## **Civics**

This course has as its priorities the development of desirable socio-civic behavior and the dedication of youth to the democratic society. The student will be able to acquire the skills and analytical tools that will enable an understanding of the problems and changes to our society. The curriculum provides the student with an opportunity to extend knowledge and appreciation of the principles of good citizenship.

Emphasis is placed on the role and responsibilities of the individual to protect and ensure the continual development of the American ideals and principles of democratic government. The political, social, economic, and cultural development of our nation and the organization, functions, and problems of local, state, and national governments within our system of federalism are stressed and highlighted. Arkansas government, politics, and laws applying to Arkansas youths will be a unit of study in this course. Students will engage in independent and cooperative learning activities that address significant questions and work together to resolve issues portrayed in their study. They will be exposed to real life situations that exist in today's society. Students will be challenged to find solutions to problems, make decisions, and to explain or justify conclusions. A study of current event issues will be an integral part of class discussion.

Grade: 9

Prerequisite: None

Credit: 1

## **Civics Pre-AP**

The Civics Pre-AP course is designed for students that have a strong interest in the analytical study of the development and growth of our nation's government and for students willing to do in-depth study and products. This course, as the regular course, prepares students to become thoughtful and participating participants in our society. Emphasis is placed on the role and responsibilities of the individual to protect and ensure the continual development of the American ideals and principles of democratic government. The political, social, economic, and cultural development of our nation and the organization, functions, and problems of local, state, and national governments, politics, and laws applying to Arkansas youths will be a unit of study in this course. Students will engage in independent and cooperative learning activities that address significant questions and work together to resolve issues portrayed in their study. They will be exposed to real life situations that exist in today's society. Students will be challenged to find solutions to problems, make decisions, and to explain or justify conclusions. In the Pre-AP course, students will be required to do independent projects that will focus on creativity and critical thinking skills and a product based on extensive research will be required each semester. Diverse outside readings about the U. S. government, its role in society, past and present, will be required throughout the year. Class discussion, debates, and products based on supplemental reading, along with analytical writing will all be required of all students in this course. An analytical study of current event issues will be an integral part of class discussion.

Grade: 9

Prerequisite: None

Credit: 1

## **World History**

World History is a course designed to develop greater understanding of the evolution of global processes, contacts, and interaction with different types of human societies. World History provides a study of the history of human society from early civilization to the contemporary period, examining major themes and relationships between major civilizations throughout the world. These themes include the impact of interaction among major societies through political, economic, social, religious, military, scientific, and cultural developments. Students will analyze and interpret a variety of historical resources using primary and secondary sources, maps, and pictorial and graphic evidence of historical events. This course stresses application, problem-solving, higher-order thinking skills, and use of classroom performance-based/open-ended assessments with rubrics.

Grade: 10-12

Prerequisite: None

Credit: 1

### **World History AP**

AP World History offers motivated students the opportunity to immerse themselves in the processes that, over time, have resulted in the knitting of the world into a tightly integrated whole. The course is designed for instruction at a higher intellectual level. It is outlined to develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. The course is focused primarily on the past one thousand years of the global experience and builds on an understanding of cultural, institutional, and technological precedents along with geography, set the human stage prior to 1000 C.E. Students will concentrate on specific themes that provide further in-depth study of the world from approximately 1000 to the present with intensification of international contacts among Asia, Europe, Saharan, and sub-Saharan Africa. This course offers an approach that lets students do history by guiding them through the steps a historian would take in analyzing historical events and evidence worldwide over a millennium. Students will use activities such as lectures, discussion, outside readings, debates, and creative products to analyze and put what is particular about each period or society into a larger framework. Students will be required to read a college-level textbook along with extensive supplemental readings. Writing will be an integral part of this course as students analyze and synthesize document-based readings. The World History AP course follows the course description outlined by the College Board. Upon completion of this course, students are encouraged to take the AP World History examination.

Grade: 10-12

Prerequisite: Civics or Civics Pre-AP

Credit: 1

### **United States History**

In this course, the study of U.S. history begins with Reconstruction and continues to the present. Appropriate review of events prior to Reconstruction and in-depth review of the U.S. Constitution should be addressed within a reasonable time frame at the beginning of the course. Students will examine the development of the United States from an agricultural nation to an industrial and technical world power. Emphasis will be placed on the development of the U.S. as a world political power with inquiry into the patterns and parallels of national and international problems and how the solutions of the past are related to current and future international problems. Throughout the year the students will be engaged in a variety of interactive learning experiences such as debates, cooperative learning, examining history using technology, research projects, and independent and group projects.

Grade: 11-12

Prerequisite: World History

Credit: 1

### **United States History AP**

United States History is the study of the emergence of the American society and culture. This includes examination of the establishment of this nation as a geographic and political entity, the development and interplay of the nation's institutions, and the strategies that Americans have used to confront domestic problems and international issues from colonial times to the present. The United States History AP course is taught at the college freshman/sophomore level. Students will read a college-level textbook and examine a series of problems and topics in U.S. history through reading specialized writings by historians and through supplementary readings. Students will also draw upon a reservoir of systematic factual knowledge learned throughout the year to exercise analytical skills intelligently. Students will analyze and interpret primary sources, including documentary materials, maps, statistical tables, and pictorial and graphic evidence of historical events. They will take notes from both printed materials and lectures or discussions and write essay examinations. This course follows the course description developed by the College Board. Upon completion of this course students are encouraged to take the AP United States History examination.

Grade: 10-12

Prerequisite: AP World History or World History

Credit: 1

**World Geography**

This course focuses on four essential questions: Where are things located? Why are such things located in those particular places? How do those particular places affect our lives? What global patterns of physical and cultural characteristics can we discern? To understand these questions and their answers, five fundamental concepts are addressed: location on the earth's surface, physical and human characteristics of places, human and global interrelationships, humans interacting, and world regions. The physical processes that shape the environment and map and globe skills are priorities of the course.

Grade: 9-12

Prerequisite: None

Credit: 1

**Psychology**

Psychology is a one-semester course designed to introduce the student to concepts of emotional, physical, and intellectual growth and maturation. The study of psychology should contribute to the productivity, happiness, and social effectiveness of the individual. The content of this course includes human development; biological bases of behavior; sensation and perception; learning, memory, and cognition; behavior patterns; motivation and emotion; adjustments to social environments; and psychological disorders and their treatments. The most important attitudinal goal is a curiosity about the human behavior, a curiosity about an appreciation of the extent to which scientific methods can be applied to problems of human behavior.

Grade: 10-12

Prerequisite: None

Credit: ½

**Sociology**

Sociology is a one-semester course. It is the study of the human interaction and social organization with an emphasis on the behavior and relationships of human beings functioning in their environment. It assembles records and classifies data relevant to its study, and observation, experience, analysis, and experiments are used to ascertain the accuracy of its theories. The major objective of sociology is to develop the skills of the students to think objectively of society, to reason clearly about its problems, and to become personally concerned with the tasks of building a better America for their future.

Grade: 10-12

Prerequisite: None

Credit: ½

**European History AP**

The Advanced Placement program in European History is designed as a college-level survey course that introduces students to the rich political, cultural, social, and intellectual heritage of Europe. It is designed to prepare students to be successful on the AP European History Exam while providing them the opportunity to develop the skills and knowledge that will form a useful foundation for their continuing educational endeavors. In addition to providing a basic exposure to the factual narrative, the goals of Advanced Placement European History are to develop an understanding of some of the principal themes in modern European history, an ability to analyze historical evidence, and an ability to express that in writing. The course includes history as both content and methodology. Emphasis is placed on students developing intellectual and academic skills including effective analysis of primary sources, effective note taking, clear and precise written expression, and the ability to weigh evidence and reach conclusions on the basis of facts.

Grade: 12

Prerequisite:

Credit: 1

**Economics**

Economics is a one-semester course that emphasizes economic fundamentals, microeconomics, macroeconomics, and personal financial management. Students will explore the interrelationships among the roles played by consumers, producers, capital, land, and labor as well as the interrelationships among economic, political, and social lives. Additionally, students will examine the relationship between individual choices and the direct influence of these choices on occupational goals and future earnings potential.

Grades: 12

Prerequisite: None

Credit: 1

**Arkansas History**

This state history course begins with instruction on Arkansas's earliest times including the arrival of the Native Americans and Europeans. Next, it tells how Arkansas became a territory, and then a state. Students will follow its history through the Civil War and Reconstruction, continuing on with the Progressive Era through the World Wars, the Great Depression, and the New Deal. Desegregation and Civil Rights will illustrate the major focus which was on Arkansas. Students will finish this course looking at Arkansas's role in the modern society including the influence of Arkansas Bill Clinton as U.S. President for two terms.

Prerequisite: None

Credit: ½

# Foreign Languages

## **Spanish I**

The first-year program in Spanish provides the beginning student with the basic tools with which to express him/herself and to obtain information in the language. With a focus on using the language in real-life contexts, the approach is communicative, providing a balanced focus on listening, speaking, reading, and writing skills throughout all phases of instruction. Students participate in many types of interactive and communicative activities, using audio and video recordings, working in pairs and/or groups. The program seeks to broaden the students' understanding of Hispanic culture as well as to lead them to an objective understanding of their own culture.

Grade: 9 -12

Prerequisite: None

Credit: 1

## **Spanish II**

The second level of instruction seeks to improve the students' ability in the Spanish language by further developing their listening, speaking, reading, and writing skills. True communication rather than the manipulation of structure continues to be emphasized.

Grade: 9 - 12

Prerequisite: Spanish I

Credit: 1

## **Spanish III**

The third level continues and reinforces the second-level program. Students continue to develop fluency in the language by maintaining their focus on the message being communicated. Students are exposed to legends, short stories, and fotonovelas, as well as country-specific readings. They are exposed to a variety of music from the 21 Spanish-speaking countries, as well as a variety of videos. They see cartoons, commercials, news broadcasts, films, and informative videos.

Grade: 9-12

Prerequisite: Spanish II

Credit: 1

## **Turkish I**

In the first year, students are introduced to the Turkish culture, as well as to the basic Turkish language. Effort is made to provide the student with actual experiences of Turkish customs and cuisine.

Grade: 9-12

Prerequisite: None

Credit: 1

## **Turkish II**

The second year expands the command of vocabulary and grammar and continues to acquaint the student with the history, geography, and literature and other aspects of Turkish-speaking countries.

Grade: 9-12

Prerequisite: Turkish I

Credit: 1

## **Turkish III**

Students continue to develop oral skills through programs and speaking practice. Under the teacher's direction, cultural literature at appropriate level is read and discussed. Students write five compositions with the help of guide questions, previous oral discussion, and/or pictures. Students learn to use correctly in context all common grammatical structures formerly studied.

Grade: 9-12

Prerequisite: Turkish II

Credit: 1

# Art

## **Introduction to Art**

Students in Introduction to Art will expand on their previous experience with the elements of art and principles of design. Original compositions and expanded media will be emphasized. This course examines the elements of design with students creating individual designs utilizing the principles of graphic art, color, and texture. Design concepts are applied to projects in photography, crafts, ceramics, and sculpture. Art appreciation and a study of career opportunities are integrated into the course.

Grade: 9-12

Credit: 1

## **Art 1**

Art—Design is designed for students with previous art training and provides in-depth study of the principles of design. Students will be introduced to critical analysis and art appreciation.

Grade: 10-12

Credit: 1

## **Painting**

Painting is a course designed to provide basic instruction and opportunities to experiment with different mediums, subjects, and techniques. Units of art appreciation and history are included.

Grade: 10-12

Credit: 1

## **Survey of Fine Arts: Art**

This course provides an opportunity for students who are not enrolled in art performance courses to fulfill one-half of the fine arts graduation requirements. The content is structured to illustrate the interrelationship of parallel art forms (music, visual arts, dance, and drama). The course can be paired with Survey of Fine Arts: Music to satisfy the one-unit requirement in the fine arts.

Grade: 9-12

Credit: ½

# Music

## **Instrumental Music**

This course is designed for the study and performance of representative instrumental chamber literature. Students enrolling in this course must be concurrently enrolled in varsity, concert, or symphonic band.

Grade: 9-12

Credit: 1

## **Vocal Music**

This course is designed to teach students music fundamentals and vocal music techniques. Vocal Music I students are expected to develop beginning performance techniques in the solo, small group as well as large group settings, with emphasis on reading and performing vocally using appropriate articulation, dynamics, and interpretive skills.

Grade: 9-12

Credit: 1

# Health and Physical Education

## **Health**

This course in health is designed to help the students focus upon their health, the health of others, and their environment. Health teaches the process of healthy living. The student will have an opportunity to observe changes in health behavior and to evaluate the results of the efforts made to reach a goal. The senior high health curriculum focuses on six main areas: personal health, nutrition and health, drugs in society, family and social health, communicable diseases, and health/safety. This course is required for graduation.

Grades: 9-12

Credit: ½

## **Physical Education IA**

Grade: 9-12

Credit: 1

## **Physical Education IB**

Physical Education IB is an elective PE course.

Grade: 9-12

Credit: ½

# Career and Technical Courses

## **Computerized Business Applications**

Computerized Business Applications is a two-semester course designed to prepare students with an introduction to business applications which are necessary to live and work in a technological society. Emphasis is given to hardware, concepts, and business uses of applications. The business applications covered are word processing, database, spreadsheet, graphics, integrated software, electronic mail, management-support software, and image processing.

Grades: 9-12

Credit: 1

## **Desktop Publishing I**

Desktop Publishing I is a one-semester course that combines the versatility of the microcomputer with page design software enabling students to produce materials of near photo-typed quality. This course includes page composition, layout, design, editing functions, and a variety of printing options.

Grades: 10-12

Credit: ½

## **Desktop Publishing II**

Desktop Publishing II is a one-semester course designed to study the process of analyzing information and audience and choosing the appropriate visual signals to communicate the desired message effectively. Applied principles are used to analyze and organize information, set up a design structure, and produce special visual expressions.

Grades: 10-12

Credit: ½

## **Multimedia Applications I**

Students will use multimedia to merge text, graphics, video, and sound. Applied principles are used to analyze and organize information, set up design structures, and produce special visual expressions. State-developed curriculum materials and multimedia software applications will be used.

Grades: 11-12

Credit: ½

## **Multimedia Applications II**

This course is the continued study of advanced applications in merging text, graphics, video, and sound. Advanced techniques of producing special visual expressions and design structure will be taught.

Grades: 11-12

Credit: ½

## **Word Processing I**

Word Processing I is a one-semester course designed to provide students with entry-level skills in word-processing concepts, operations, text manipulations, and production of business documents using an intermediate or advanced level software program. In addition, training in basic word vocabulary skills; mechanics of punctuation and grammar; format and style; and proofreading, editing, and reviewing business documents are included in the course.

Grades: 9-12

Credit: ½

## **Word Processing II**

Word Processing II is a one-semester course designed to provide students with competencies in word-processing concepts. Emphasis is on production of business documents and applications, including formats, creating and maintaining files, repetitive documents, revising, and printing. Students will use voice commands to dictate documents, phrases, sentences, paragraphs, punctuation, and symbols.

Grades: 9-12

Credit: ½

**Cooperative Office Education**

Cooperative Office Education (COE) is a two-semester course designed for junior and senior business students. This course is a supervised learning experience where advanced business education students attend school on half-day and work in a business office a minimum of 270 hours per semester. A related class is required as part of the one-half day of school work. The Internet will be used to research careers, develop resumes, complete job applications, and obtain information relative to interviewing techniques and business etiquette.

Grades: 11-12

Credit: 1

**Programming I**

Programming I is a one-semester course with emphasis on programming business and general applications. Students learn planning and coding techniques through the use of practical applications. Design and use of structure as well as decision-making in programs are integrated throughout the course.

Grades: 9-12

Credit: ½

**Programming II**

Programming II is a one-semester course designed to teach the basic language in a structured fashion using programming concepts and techniques for practical business applications. A strong emphasis is placed on developing a level of skill with which production programs for business use may be planned and coded. The course is designed to provide students with the necessary skills to document, code, enter, and execute a well-designed basic program, and the student will be able to recognize a well-designed and well-written program.

Grades: 9-12

Credit: ½

**Advanced Spreadsheets**

This course prepares students to work with the advanced features of Microsoft Excel 2003/2007 in a career setting or for personal use. Using courseware that incorporates a step-by-step, project-based approach, students develop a master-level competency in Excel 2003/2007 and explore the essential features of Windows XP.

**Advertising Design**

Advertising Design develops skills in lettering, advertising, layout, poster making, photography, industrial and technical illustrations, airbrush, cartooning, and other art media. Both manual and computer techniques and applications are included in this course.

Grades: 10-12

Credit: 1

**Human Anatomy and Physiology**

Human anatomy and physiology is a study of the structure and function of the systems of the human body and their component organs, tissues, and cells. The course is organized so that the systems are studied in relation to each other. The importance of homeostasis is emphasized throughout the course. Students are encouraged to develop a critical understanding of the structure of an organ, tissue, or cell as a prerequisite to comprehending its function. Appropriate laboratory activities are included to support the concepts and skills developed in the course.

Grade: 11-12

Credit: 1

**Introduction to Medical Professions**

This course includes the following topics: Health Occupations Students of America (HOSA) activities, study skills, medical history events, health care systems, health care careers, qualities of a successful health care worker, medical ethics and legal responsibilities, medical terminology, communication, medical mathematics, nutrition and health, human growth and development, classification of disease, job-seeking skills. Experiences in Introduction to Medical Professions Education are designed to provide students with basic information and skills needed for a career in the health care field.

Grades: 9-12

Credit: 1

**Medical Terminology**

Medical Terminology is a one-semester course that assists students in developing the language used for communication in the health care profession. Areas of study include fundamental word structure, organization of the body, diagnostic and imaging procedures, pharmacology, general medical terms, and the following body systems: integumentary, skeletal, muscular, digestive, cardiovascular, lymphatic, immune, respiratory, urinary, endocrine, nervous, sensory, and reproductive.

Grades: 9-12

Credit: 1

**Abnormal Psychology**

This course is designed to provide students with an introduction to theories and research concerning abnormal behavior (psychopathology). The course will address such topics as the incidence (frequency) of abnormal behavior of various types; how abnormal behaviors are classified into various diagnostic categories; the etiologies (causes) of psychological disorders; and the variety of methods employed in the treatment of abnormal behavior.

Grades: 9-12

Credit: 1

**Human Behavior and Disorders**

This course provides students with a general overview of psychology from the perspective of the health care community that includes history of psychology, research methods, major theories, and applications of the knowledge to the problems and challenges faced by today's health care professionals. Other areas addressed are: biological foundations of behavior, consciousness, memory, learning, emotion, personality, psychological disorders, and methods of therapy. Students gain a better understanding of mental health and the impact it has on providing quality health care.

Grades: 9-12

Credit: 1