



Austin Peace Academy

Upper School Catalog

Austin Peace Academy
5110 Manor Road
Austin, TX 78723

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Vision Statement

To produce caring graduates who inspire others and together will change the world for the benefit of humanity.

Mission Statement

To promote educational excellence and meaningful faith in a diverse, caring environment to students who are secure in their identity, critical and creative thinkers, effective communicators and responsible citizens dedicated to peace.

Goals

All students will meet or exceed local, state and national performance standards in all subject areas.

All classrooms and school facilities and sites will be safe, secure, and nurturing places for students, staff and parents.

All employees and students will use quality management systems improvement criteria to achieve performance excellence and improve our stake holder satisfaction.

Message to Students and Parents

Austin Peace Academy developed the Course Catalog to assist in planning your program. The catalogs for middle and upper school have been combined in order to give a broad view of the secondary program. The information provided in this publication is designed to assist students for making appropriate choices for the student's upper school career. Austin Peace Academy graduation requirements as well as your own individual needs should be considered as you select your semester and yearly courses. Select your courses carefully since schedule changes may be limited.

Note: Courses in this catalog may not be available or may not be offered in a given year. The APA School Board, administrators, counselors, and teachers want your middle school and upper school experience to be both fruitful and enjoyable. Occasionally, changes occur in course requirements due to action by the Texas Legislature and/or the Texas State Board of Education (SBOE). Your principal or counselor will communicate any changes that are required. Otherwise, you will graduate with the course requirements in place when you enter your freshman year in upper school.

Middle School Course Requirements

Middle school courses offered at APA meet and exceed the requirements set forth by the Texas Education Agency. A middle school student's program of study is as follows for each grade:

Required Sixth Grade Program

Language Arts, Mathematics, World Culture Studies, Science,
PE (at least one semester), Arabic Studies, Islamic Studies and Quranic Studies

Required Seventh Grade Program

Language Arts, Seventh Grade Mathematics or Pre-Algebra, Texas History (one semester) and American Civics (one semester), Science
PE (one semester), Art (one semester), Arabic Studies, Islamic Studies, and Quranic Studies

Required Eighth Grade Program

Language Arts, Pre-algebra or Algebra, Science, United States History through Reconstruction
PE (at least one semester), Art (one semester), Arabic, Islamic Studies & Quranic Studies

APA ensures that sufficient time is provided to teach and for students to learn the Texas Essential Knowledge and Skills in English language arts, mathematics, science, social studies, and to the extent possible, languages other than English. APA has adopted an accelerated curriculum in mathematics. The math program offers advanced students in seventh grade to take pre-algebra thus allowing the student to take Algebra I in the eighth grade. To enroll in the course, students must meet established admission criteria. This includes mastery performance on math TEKS (course grade must be B or higher) and ITED Tests.

APA provides instruction in a variety of arrangements and settings, including mixed-age programs designed to permit flexible learning arrangements for developmentally appropriate instruction for all student populations to support student attainment of course and grade-level standards.

Upper School Graduation Requirements

Credit Requirements

The upper-school curriculum of Austin Peace Academy is organized to prepare students for success in post-secondary educational settings. The requirements exceed the Texas Public School Standards. Students transferring to APA during their upper school years will be given special consideration regarding their transcript.

<u>Subject</u>	<u>Credits</u>
English	4
Mathematics	4
Science	4
Social Studies (includes American Government/economics)	5
Foreign Language	2
Islamic Studies	4
P.E. & Health	1
Fine Arts	.5
Speech/Debate	.5
Electives	3
Total	28

A student must demonstrate proficiency in the following:

- (1)** English language arts: 4 credits. (Students may choose to take two years of Advanced Placement English classes) English One, Two, Three, and Four
- (2)** Mathematics: 4 credits. Algebra I, Algebra II, Geometry, Pre-Calculus or Dual credit earned at ACC in Calculus or College Algebra.
- (3)** Science: 4 credits. Pre-AP and/or AP Biology, Pre-AP Chemistry and/or AP Chemistry; Regular or Honors Physics, Forensic Science, Anatomy and Physiology or Dual Credit earned at ACC in College Physics or College Anatomy and Physiology.
- (4)** Social studies: 5 credits. World History, World Geography and Culture, United States History Since Reconstruction or AP U.S. History, International Relations, United States Government (half credit) and Economic (half credit)
- (5)** Islamic Studies/Quran: four credits
- (6)** Arabic: 2 credits. The credits must consist of Upper School Level I and Level II.
- (7)** Physical education and Health education: 1 credit.
- (8)** Fine Arts: .5 credit
- (9)** Speech/Debate: .5 credit. The credit must consist of Debate, Public Speaking, or Poetry and Prose.
- (10)** Elective Courses: 3 credits. APA offers a large number of elective options often depending on faculty availability.

Grade Level Advancement

GPA

A total Grade Point Average (GPA) is calculated and reported to colleges and universities for each student using a simple unweighted 4.0 system (comparable to the 4.0 commonly used by colleges and universities). Grade points are awarded based on the grading system used at APA.

90-100 = A = 4.0
80 - 89 = B = 3.0
70 - 79 = C = 2.0
<70 = F = 0.0

All AP Classes are set up on a 5.0 weighted grade point average and Honors courses are weighted on a 4.5 system. These classes are reported to colleges and universities as earning additional credit.

The GPA is a cumulative average of all semester grades earned in courses in upper school beginning with the freshman year. The GPA is commonly referred to as an “unweighted 4.0 GPA”, and will provide easily usable information to colleges and universities.

Student who fails to reach a minimum of 70 in one or more classes or have a GPA below 2.0 will be placed on academic probation for the next 9-week session. Failure to reach the 70 minimum or to show reasonable progress may result in dismissal.

English Language Arts Department (1)

(Total Graduation requirement is 4 Credits)

ENGLISH I PRE-AP

Credit: 1

Grade: 9

Prerequisite: Language Arts, 8th Grade

In this course emphasis will be placed on vocabulary development and units of advanced syntax and usage. Major literary works will include *To Kill a Mockingbird*, *Animal Farm*, and *A Tale of Two Cities*. In addition, selections from units of short stories, nonfiction and poetry will be studied. The student will be expected to demonstrate strong critical thinking skills of analysis, evaluation and synthesis through participation in classroom discussion and writing. There will be frequent special projects, periodic research, major composition assignments, and outside reading. The student will be expected to manage extensive and challenging reading and writing assignments on a daily basis.

ENGLISH II Pre-AP

Credit: 1

Grade: 10

Prerequisite: English I

This course combines higher-level thinking skills with independent reading and study. Emphasis will be placed on Advanced Placement preparation, critical study of literature, guided and independent research, and papers of critical analysis. This course also includes study of syntactical structures for effective writing. The English II Pre-AP student will be expected to handle extensive and challenging reading and writing assignments on a daily basis. There will be frequent special projects, major composition assignments, and outside reading. This course continues the study of syntactic structures for improvement of sentences, organization of paragraphs and multi-paragraph papers (with introduction of the research paper), vocabulary, spelling, usage, punctuation, and thinking skills; short story, poetry, novel, drama, epic and legend, and biography units.

ENGLISH III AP: LANGUAGE AND COMPOSITION

Credit: 1

Grade 11

Prerequisite: English II Pre-AP

This course will emphasize SAT and Advanced Placement preparation work, units on style, outside reading, critical study of literature, guided and independent research, papers of critical analysis that demonstrate sophisticated stylistic choices, and timed writings. The student will need to demonstrate strong critical thinking skills of analysis, evaluation and synthesis through participation in classroom discussion and writing. The student will be strongly encouraged to take the AP Language and Composition test in the spring. The student will be expected to manage extensive and challenging reading and writing assignments on a daily basis and must be skilled in close reading and writing in order to succeed in the class. The class will resemble a college class in its intensity and choice of texts.

ENGLISH IV

Credit: 1

Grade 12

Prerequisite: English Pre-AP III

English IV is a full year program which provides an intensive study of composition during which students will employ the stages of the composition process including prewriting, writing, and revision. Students will write a variety of short and long compositions using various forms of discourse as well as outside information with documentation. The course also includes an in-depth study of British and other selected literature with historical background, literary analysis, and outside reading assignments. Students will explore literature through discussion and writing.

ENGLISH IV AP: LITERATURE AND COMPOSITION

Credit: 1

Grade 12

Prerequisite: English III Pre-AP

English IV AP is a class in which the texts and expectations are appropriate for a college/university classroom. Students who take the class are encouraged to take the AP Literature Exam in the spring of their senior year. Each semester students read both assigned texts and independent choices, with the fall semester focused on prose analysis and the spring semester on poetry analysis. Throughout the year students write timed essays and essays outside of class and practice working with multiple choice questions at the AP level. Students who read fairly rapidly can expect to spend an average of an hour per night preparing for class. They are expected to demonstrate high-level skills of close reading and literary analysis, to be highly competent writers, to be responsible in task management and to be active participants in class discussion. Emphasis is placed on literary analysis, evaluation, development of tonal and stylistic control in writing, independent and group learning and research skills.

Mathematics Department (2)

(Total Graduation requirement is 4 Credits)

ALGEBRA I PRE-AP

Credit: 1

Grade: 9 - 12

Prerequisite: None

This course is designed for the student who has demonstrated exceptional talent and inquisitiveness for the study of mathematics. Students will be expected to have superior study habits and the ability to learn from a variety of instructional methods. It is expected that students master basic skills readily in order to put emphasis on applications and problem solving. The course shall focus on problems involving algebraic representations of equations, inequalities, polynomials, graphs, and linear or quadratic functions with some exploration of exponential functions. It is recommended but not required that students purchase a graphing calculator.

GEOMETRY PRE-AP

Credit: 1

Grade: 9

Prerequisite: Algebra I, Algebra I Pre-AP

Graphing Calculator Required

This course is designed for the student who has demonstrated exceptional talent, responsibility and inquisitiveness for the study of mathematics. This course is enriched with topics of logic, additional solid geometry topics, and transformations. The ability of students to function at the basic skill level will be presumed and attention shall focus on the higher levels of learning skills. Instructors shall provide the students with a variety of situations that enable each student to practice convergent and divergent thinking skills, and creative problem-solving techniques. Students will be required to submit projects each semester. Library research will be necessary. Twenty to forty five minutes of homework nightly can be expected.

ALGEBRA II PRE-AP

Credit: 1

Grade: 10-12

Prerequisite: Geometry Pre-AP

Graphing Calculator Required

This course is designed for the student who exhibited exceptional diligence, responsibility and mathematical and diligence in Algebra I and Geometry. The level of presentation and discussions in class will be on a higher and more abstract plane than Algebra II, but applications will include real life situations. Some of the topics included are functions and relations, systems of equations and inequalities, polynomials, complex numbers, sequences and series, exponents and logarithms, permutations, combinations, probability and statistics. Good time management skills are essential. All students are required to do mathematics projects.

PRE-CALCULUS PRE-AP

Credit: 1

Grade: 10 - 12

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

Graphing Calculator Required

The emphasis of this course is placed on theory, critical thinking skills, real world applications, and the use of technology as a problem solving tool. First semester includes the following topics: trigonometric and circular functions and their inverses, triangle problems, vectors, polar and parametric equations, complex numbers, and other selected enrichment topics. Second semester includes the following topics: mathematical systems, properties and applications of polynomial, rational, exponential and logarithmic functions, data interpretations/statistics, sequences and series, limits, an introduction to calculus concepts, and selected enrichment topics.

CALCULUS AB AP

Credit: 1

Grade: 11 - 12

Prerequisite: Pre-Calculus or Pre-Calculus Pre-AP Graphing Calculator Required

Calculus AB covers topics included in a one semester college course. This is a college level course which corresponds to the syllabus of the College Board Advanced Placement program. The course includes concepts and applications of differential and integral calculus. The use of technology is integrated throughout the course. This course will meet the need of students coming from Pre-Calculus classes. Students will be required to write a research paper. Students may take the AB Level Calculus Advanced Placement Exam at the completion of the course.

ADVANCED QUANTITATIVE REASONING/ADVANCED MATHEMATICAL DECISION MAKING (AQR/AMDM)

Credit: 1

Grade: 11 - 12

Prerequisite: Pre-Calculus

This course follows Algebra II and emphasizes statistics and financial applications. It prepares students to use a variety of mathematical tools and approaches to model a range of situations and solve problems.

COLLEGE ALGEBRA-DUAL CREDIT

Credit: 1

Grade: 12

College Algebra is a course in which APA students earn dual credit. One full year of credit will be given at APA towards graduation and three (3) hours of college credit. Content includes the rational, real, and complex number systems; the study of functions including polynomial, rational, exponential, and logarithmic functions and related equations; inequalities; and systems of linear equations and determinants. College Algebra is an in-depth, more detailed study of algebraic skills taught in Algebra II. *Students may not take this class concurrently with Pre-AP Pre-Calculus or if they have already completed Pre-AP Pre-Calculus.*

STATISTICS AP

Credit: 1

Grade: 11-12

Prerequisite: Algebra II

AP Statistics covers topics included in a one-semester college course. This is a college level course which adheres to the syllabus of the College Board Advanced Placement program. This course is designed for students with a strong mathematical background. Topics include: data collection, and analysis, probability and inference. The emphasis is on understanding the mathematics upon which statistical techniques are based. It prepares the college-bound student for possible advanced standing credit in statistics at the college level. The Advanced Placement Exam in statistics may be taken at the end of the course.

Science Department (3)

(Total Graduation requirement is 4 Credits)

BIOLOGY I PRE-AP

Credit: 1

Grade: 9-12

Prerequisite: None

Pre-AP Biology is an advanced course designed for the first year biology student who has the interest to pursue a major in biological sciences. The curriculum will follow the guidelines set by the College Board and will complement Biology AP. Special emphasis is on three areas of study: molecules and cells; heredity and evolution; and organisms and populations. Pervasive in these three areas are eight major themes: science as a process, evolution, energy transfer, continuity and change, relationship of structure to function, regulation, interdependence in nature, and science, technology and society. Traditionally students successful in Biology I, Pre-AP, have studied or are studying Geometry, have a grade of 90 or above in their current science course, plan to enroll in Biology II AP and have a willingness to invest sufficient outside time for enrichment assignments.

CHEMISTRY I PRE-AP

Credit: 1

Grade: 10-12

Prerequisite: Algebra II or concurrent enrollment

This course is designed to provide the student interested in enrolling in a college level class, either AP Chemistry at APA or later in college, with a strong background in chemical topics. The course will be taught at a rigorous pace, and the curriculum will cover the higher level topics of thermodynamics, equilibrium, kinetics, and electrochemistry. Knowledge of certain topics covered in physical science will be assumed, and if lacking, individual outside preparation will be necessary. The laboratory component of the course will be modeled after a college laboratory, and will emphasize the keeping of a laboratory notebook. Many of the labs will involve use of technology in the collection of data.

PHYSICS

Credit: 1

Grade: 11-12

Prerequisite: Algebra II or concurrent enrollment

This course is an integration of the theoretical and mathematical aspects of physics. Students will acquire lab-oriented skills while getting an introduction to the fundamental laws of physics. Major fields of study are mechanics, energy and heat, electricity, waves, light and nuclear physics. Upon completion of this course, students may continue their physics studies in AP Physics IB.

CHEMISTRY AP

Credit: 1

Grade: 10-12

Prerequisite: Chemistry I Pre-AP, or Chemistry I with teacher recommendation

Chemistry II AP meets the needs of the student who plans to major in science, engineering, Pre-Med, or other applied fields. Students who do not take the AP exam should be well prepared for freshman chemistry in college. Like freshman college chemistry, this course is lab-oriented and requires strong math skills and also non-math problem solving skills. Students will be given a copy of the Advanced Placement Course Description. A strict time schedule will be adhered to in order to cover all of the required material before the AP test the first week in May. The following is quoted from the AP booklet, "It is assumed that students will spend a minimum of five (5) hours per week outside of class in independent study." Students in Chemistry II must be willing to work independently on assigned homework sections.

BIOLOGY AP

Credit: 1

Grade: 11-12

Prerequisite: Biology I Pre-AP, Biology I with teacher recommendation, Chemistry I and Algebra II

Advanced Placement Biology is designed to be the equivalent of a college introductory biology course. Biology AP meets the needs of the student who plans to major in science or an allied field as well as the intellectually curious non-science major. The course is designed to be taken by students after the successful completion of a first course in biology and chemistry. Three broad areas of study include: molecules and cells, genetics and evolution, and organisms and populations. The textbooks used for the course are those used by colleges for their introductory courses. Laboratory experiments include topics and equipment used in college laboratories.

ENVIRONMENTAL SCIENCE AP

Credit: 1

Grade: 11-12

Prerequisite: 2 years of upper school science, Biology and Chemistry

This course is designed to be the equivalent of a college introductory environmental science course. It meets the requirements of the CEEB course description. The course integrates the sciences, including biology, chemistry, and earth sciences with the social sciences to analyze contemporary environmental problems, such as pollution, resource acquisition, biodiversity, global warming and overpopulation. Students will examine alternative solutions for resolving and/or preventing these environmental problems. A strong laboratory and field investigation component is included. Students should have a willingness to invest sufficient outside time to engage in enrichment assignments.

FORENSICS SCIENCE

Credit: 1

Grade: 11-12

Prerequisite: 2 years of upper school science, Biology and Chemistry

This course surveys key topics in forensic science, including the application of the scientific process to forensic analysis, procedures and principles of crime scene investigation, physical and trace evidence, and the law and courtroom procedures from the perspective of the forensic scientist. Through online lessons, virtual and hands-on labs, and analysis of fictional crime scenarios, students learn about forensic tools, technical resources, forming and testing hypotheses, proper data collection, and responsible conclusions.

Social Studies Department

(Total Graduation requirement is 5 Credits)

WORLD GEOGRAPHY AND CULTURE PRE-AP

Credit: 1

Grade: 9-12

Prerequisite: None

This is a survey course designed to provide students with a framework of knowledge and describes the location and distribution of human and physical activities in major world regions. Students will use geographic concepts to understand physical, environmental, demographic, cultural, political and economic processes and patterns and their interrelationships. In addition to reading one book outside of class first semester, students will design and complete an original research project that will culminate in a Power Point presentation.

WORLD HISTORY PRE-AP

Credit: 1

Grade: 9-10

Prerequisite: None

This course is the study of the historical development of mankind from ancient civilization to the 20th century. Each unit includes general characteristics of a time period and a detailed analysis of one or two sample cultures and mapping of associated geographical features.

UNITED STATES HISTORY PRE-AP

Credit: 1

Grade: 11-12

Prerequisite: PRE-AP World History or PRE-AP World Geography

This course is a survey of the American experience from post Civil War Reconstruction to the present. It includes the study of Reconstruction, the American Industrial Revolution, westward expansion, progressive reform, events leading to World War I, depression of the 30's, World War II, civil rights movement, emergence of the United States as a world power, social, political, economic, and technological advances of the '50's through the present.

UNITED STATES GOVERNMENT

Credit: ½

Grade: 11- 12

Prerequisite: World History or Geography and United States History

This course surveys the American political system beginning with the adoption of the Constitution. The major units include constitutional principles, political parties and political participation, the legislative branch, executive branch and judicial branch.

Note: This course may be taken before or after Economics.

UNITED STATES GOVERNMENT – DUAL CREDIT – ACC2301

Credit: ½

Grade: 11- 12

Prerequisite: World History or Geography and United States History

This course offered through ACC surveys the American political system beginning with the adoption of the Constitution. The major units include constitutional principles, political parties and political participation, the legislative branch, executive branch and judicial branch.

Note: Students must receive clearance from ACC to register for this course.

ECONOMICS

Credit: ½

Grade: 11-12

Prerequisite: World History or World Geography and United States History

This course is designed to provide a basic understanding of America's economic system. The course includes the study of the fundamental concepts of free enterprise, supply and demand, monetary policy, fiscal policies, and international trade. Current economic topics, problems, and potential solutions will be included.

Note: This course may be taken before or after United States Government.

INTERNATIONAL RELATIONS PRE-AP

Credit: 1

Grade: 9-10

Prerequisite: None

This course is the study of the interaction of nations and the role of different actors in the global arena. This includes the study of the nation, state, and international law. Areas included in the study are Europe, China, The Far East, The Middle East, Africa, Latin America, and a study of the United Nations through its history and development, structure, and problems. This is an elective course.

Foreign Language Department

(Total Graduation requirement is 2 Credits)

ARABIC I

Credit: 1

Grade: 9

Prerequisite: None

In Arabic 1, the student will learn to function in an appropriate fashion in four linguistic skill areas: listening, speaking, reading, and writing. The student will be introduced to the Arabic culture while studying the people and customs of Arabic-speaking countries.

ARABIC II

Credit: 1

Grade: 10-12

Prerequisite: Arabic I

In Arabic 2, the student will be reacquainted with skills learned in Arabic 1 through a systematic reentry of grammar and vocabulary. The student will continue to attain proficiency in the four skills of listening, speaking, reading, and writing. The language will be presented within the context of Arabic-speaking countries and their cultures.

ARABIC III

Credit: 1

Grade: 11-12

Prerequisite: Arabic 2

The third-year Arabic student will improve comprehension, reading, and communication skills. Study will include review, reinforcement, and refinement of grammar and vocabulary. Cultural readings and selected literary works will supplement the textbook.

ARABIC IV

Credit: 1

Grade: 11-12

Prerequisite: Arabic 3

In this course, the student will complete the study of the grammatical sequence. This study will include any necessary review. The student will become more knowledgeable about Arabic culture and life through a brief survey of history and literature. The student will be exposed to the current Arabic culture by means of newspapers, magazines, films, videos, radiobroadcasts, and plays. Throughout all activities, emphasis will be given to communication, both oral and written, in the target language.

Health Department

(Total Graduation requirement is ½ Credit)

HEALTH

Credit: ½

Grade: 9-12

Prerequisite: None

Health is designed to introduce a variety of current health concerns to today's teens. The course includes information and discussion of the following topics: healthy lifestyles; violence; sexual harassment; nutrition, fitness and weight control (including steroids/eating disorders); alcohol and drug abuse; tobacco; human sexuality; birth control; and sexually transmitted diseases (including HIV / AIDS). Textbook work, reading, videotapes, case studies, and projects will be part of the coursework. This course will be taught separate for boys and girls with the Islamic values .

Physical Education Department

(Total Graduation requirement is 1 Credit)

TEAM SPORTS & FITNESS

702 (TEAM)

Credit: 1

Grade: 9-12

Prerequisite: None

This course includes the basic skills, rules, and offers participation through practice and tournament play in various team sports. Activities may include the sports of flag football, volleyball, basketball, soccer, softball, track and field, as well as various indoor and outdoor games. Personal journals will be required. All students will be graded on participation (70%) and skills test (30%).

FOUNDATIONS OF PERSONAL FITNESS

703 (FOUPERFIT)

Credit: ½

Grade: 9-12

Prerequisite: None

This course is designed to help each student understand and experience better personal health and fitness. Activities to promote personal fitness will include weight training, cardiovascular training, and flexibility. Foundations of Personal Fitness will meet once weekly in a classroom environment to discuss the following topics: body composition, nutrition, and safety as it relates to fitness. Each student will design his or her personal fitness program. Personal journals will be required.

Fine Arts Department

(Total Graduation requirement is 1 Credit)

FUNDAMENTALS OF ART

Credit: ½
Grade: 9-12
Prerequisite: None

This is an introductory art course designed to develop basic skills in drawing, color, and three-dimensional design. Included is the use and care of art materials and tools and the introduction and understanding of art terminology.

THEATRE ARTS I

Credit: ½
Grade: 9-12
Prerequisite: None

Theatre Arts I is an introductory performance course incorporating basic acting techniques, the role of the actor in interpreting dramatic literature, and the historical evolution of performance styles and dramatic themes. The student will learn basic movement, body control, pantomime, and the development of character as it relates to any particular period and style of drama.

DESIGN

Credit: ½
Grade: 10-12
Prerequisite: None

Introduction to fundamentals of design: line, color, form, texture, shape, and arrangement. Emphasis is on two-dimensional principles.

PHOTOGRAPHY

Grade: 10-12
Credit: ½
Prerequisite: None

Introduction to fundamentals of black and white photography. Shooting techniques, film development, printing and portfolio presentation will be covered. An emphasis will be placed on the development of personal expression through photographs.

Technology Department

COMPUTER SCIENCE I

Credit: 1

Grade: 10-12

Prerequisite: Algebra I

The major emphasis of this course is on learning the basics of programming for the purpose of writing interactive programs for solving problems. The course uses Microsoft® Small Basic to familiarize students with the basic rules of programming to begin creating tools. No knowledge of programming is necessary but a working knowledge of algebra is required. Topics covered are data types, selection statements, looping, files, arrays, searching and sorting algorithms, graphics, interfaces, and classes.

COMPUTER SCIENCE II

Credit: 1

Grade: 10-12

Prerequisite: Computer Science I

The major emphasis of this course is on learning the basics of programming for the purpose of writing interactive programs for solving problems. The course uses Microsoft® Small Basic to familiarize students with the basic rules of programming to begin creating tools. No knowledge of programming is necessary but a working knowledge of algebra is required. Topics covered are data types, selection statements, looping, files, arrays, searching and sorting algorithms, graphics, interfaces, and classes.

DIGITAL GRAPHICS AND ANIMATION I

Credit: 1

Grade: 9-12

Prerequisite: None

Digital Graphics is a project-oriented class that accesses the creative side. The class will learn basic animation techniques in four programs: Power Point, Macromedia Flash, and a 3D rendering program Rhino and Bryce. Additionally the class will be learning the basics in Photoshop. The images and art used in these programs will be altered or manipulated in Photoshop. Power Point will be used first, to teach the basic animation and collection of images and sound from the web. Flash will be employed for more complex animation that can be used on the web or used as a stand-alone animation. Rhino and Bryce will cover our 3D rendering portion of the course. The course is recommended to students wanting a technical class with a creative side or to students interested in a career using computer presentation or animations.

DIGITAL GRAPHICS AND ANIMATION II

Credit: 1

Grade: 9-12

Prerequisite: Digital Graphics and Animation I

This course is a continuation of Digital Graphics and Animation. It is a project-oriented class that accesses the creative side. The class will learn basic animation techniques in four programs: PowerPoint, Macromedia Flash, and a 3D rendering program Rhino and Bryce. Additionally the class will be learning the basics in Photoshop. The images and art used in these programs will be altered or manipulated in Photoshop. PowerPoint will be used first to teach the basic animation and collection of images and sound from the web. Flash will be employed for more complex animation that can be used on the web or used as a stand-alone animation. Rhino and Bryce will cover our 3D rendering portion of the course. The course is recommended to students wanting a technical class with a creative side or to students interested in a career using computer presentation or animations.

Islamic Studies Department

(Total Required Islamic Studies Credits is 4 Credits)

BELIEVING IN THE UNSEEN

Credit: 1

Grade: 9-10

Prerequisite: None

This course builds upon the basic knowledge students have about the six pillars of iman. This course allows students to engage in deeper discussions and explorations of abstract concepts that may have been difficult to grasp in their earlier years. The course begins by reviewing the concept of tawheed in greater detail, including things that negate tawheed. It explores the status of prophets as humans who were sent to guide us; included in this is also a discussion of what Muslims should believe about the prophets of other religions. After this, students examine the similarities and differences between humans and Allah's other creations, specifically Jinn and Angels. Finally, students learn about predestination, death, life of the grave, and the Day of Judgment. During this discussion, students become aware of what happens from the time we die and are buried until the Day of Judgement, and the major and minor signs of the Day of Judgement.

A HISTORY OF MUSLIM CIVILIZATION

Credit: 1

Grade: 9-10

Prerequisite: None

The history of any given people is not only a record of its past but also a mirror of its present and a window to its future. Every society must learn from its past and work out a plan for its future. Muslim history, in many ways, is like any other, with its own fair share of villains and champions, its moments of grandeur and tranquility and its moments of failure and disappointments. But in one way it is special to itself for it is the history of the continual opportunities, offered to every man, woman and child, of realizing themselves and of coming closer to their Creator. The record of Muslim civilization is in fact the history of many different cultures and civilizations that shared one central quality; they kept alive the faith of Islam and kept alive the vision of the perfect society, which existed

only once but remained an ideal for all generations. These civilizations kept alive a model of a perfect life, the model of a most generous and spiritual people, a model for each life as it comes and goes. A History of Muslim Civilization is a unique textbook written specially for the younger generations of Western-born Muslims and all those interested in learning about the History of Muslims from a Muslim perspective.

SCIENCE AND MIRACLES OF THE QUR'AN

Credit: 1

Grade: 9-10

Prerequisite: None

This course prepares our graduates with the essential knowledge about the final book of Allah, the Qur'an. This course begins by familiarizing students with the history of the revelation of the Quran: how it was revealed, periods of revelation, how it was preserved from the time of the Prophet until it reached us today, and how it is different from divine books sent to other prophets. Students then learn about principles that undergird Qur'anic sciences, such as classification of Surahs and ayat, the context of revelation for select verses, and reliable books of tafsir that can be used to understand the Qur'an. Finally, students are introduced to some of the linguistic and scientific miracles in the Qur'an. As a capstone project, students search and analyze verses from the Qur'an, making connections to the new scientific discoveries. Students present their findings about the Qur'an and its scientific miracles to surrounding schools and students.

ISLAMIC SHARIA & LAW

Credit: 1

Grade: 11-12

Prerequisite: None

Specifically written for upper school students, these are revised and expanded versions of the classic everyday Fiqh. The textbooks cover the positions of the four Sunni schools of thought related to Iman, Salah, Sawm, Zakah and Hajj.

ISLAM IN AMERICA

Credit: 1

Grade: 10-12

Prerequisite: None

This is a one semester course where the student will explore how Islam migrated to Europe and the USA. They will do independent research of the first mosque established in the USA.

HISTORY OF ISLAM

Credit: 1

Grade: 10-12

Prerequisite: None

This is a 3 volume in depth book about the History of Islam. In the first volume, starting with the introduction of the history as a subject, the country, people and conditions of Arabia prior to the

advent of Islam were discussed, and an account of the life of Prophet Muhammad was presented including the hardships and opposition he faced while propagating the message of Islam, and the details of migration and the period after it until his death. After that the description of Rightly Guided Caliphate was also discussed in its full perspective.

In this second volume, starting with the Caliphate of Banu Umayyah, the martyrdom of Imam Husain (R) and the Caliphate of the Abbasids, all areas have been covered as far as the expansion of Islam was.

This third volume begins with the description of the conditions of Spain before and after the rule of Muslims and the role played by Umayyad, Abbasid, Almoravid and Almohad Caliphs. Then some mention of the conquest of Morocco and North Africa has been given along with the details of Idrisia and Aghlaba's rule there. After that detailed accounts of Ghaznavid, Mongols, Turks and Tartar Mongols have been produced. After that Islamic history of Persia is described giving the accounts of Saffarid, Samanid, Delmid, Gharnavid, Seljuk, Ghourid and Muluk Dynasties with the periods of Khwarizm Shah, Atabeks and Sistan Kings rule there. Then the Islamic history of Egypt and Syria is covered describing the Ubaidullah, Ayyubid and Mamluk Dynasties, and the rule of Atabek and Abbasid Caliphs. In the end, something about the Ottoman Dynasty and its Empire is discussed including the description of the conquest of Constantinople.

COMPARATIVE RELIGION

Credit: ½

Grade 10-11

Prerequisite: none

This course offers an in-depth survey of the major world religions and runs a comparative review. Students compare the canonical texts to gain an understanding of the main similarities and differences between the religions.

FAMILY MATTERS – SUCCESSFUL RELATIONSHIPS

Credits: ½

Grade 11-12

Prerequisites: none

This course provides students with Islamic guidelines on relationships in order to help them have a successful life. It provides guidance to students for how to navigate intergender relationships, including how to realistically lower their gaze, navigate relationships on social media, and have healthy and Islamically-appropriate relationships with others. A large part of the course focuses on marriage, including recommendations for searching for spouse, the rulings of khutbah (engagement) and the marriage procedure, the necessary conditions to fulfill a marriage, and the reasons and procedure for divorce. Other topics included in this course are how to maintain a positive relationship with your parents, zina and its social and religious consequences, and the Islamic point of view of same-sex marriages.

Electives

CONDITIONING

1 semester, ½ credit

Grades 9-12

Prerequisite: None

This course offers an individualized approach to physical fitness. Students are introduced to a variety of training strategies and are practiced during the class to insure proper methods are followed. The teacher encourages students to adapt their training methods to the desired results whether it be strength or endurance work. The goal of the course is to teach the students lifelong methods to maintain good health.

DRAMA

1 semester, ½ credit

Grades 9-12

Prerequisite: None

This elective course takes the student from script selection to production performance of a dramatic play. Students learn about the different roles of individuals involved in the production. The student will select a role to play (setup, set design, actor/actress, narrator, etc.) and fulfill the tasks of each role. They learn the importance of working as a team and individual responsibility in producing a play.

DEBATE I

1 semester, ½ credit

Grades 9-12

Prerequisite: B or better in English or teacher recommendation

This course will provide an opportunity for developing an individual's ability to present formal debate. The subject material will deal with the national high school debate topic for the year. Students will learn how to research the debate topic and to participate in formal debate. Critical and analytical papers will be assigned to accompany the formal research topics. It is recommended for students who want to learn how to debate formally and for students who want to participate in competitive debate.

INTRODUCTION TO BUSINESS

1 Semester, ½ credit

Grades 9-12

Prerequisite: none

This course is an introduction to the American free enterprise system and the role of Corporations, Partnerships, and Sole proprietorships. The students will study the legal and financial obligations of these institutions. The students will study corporate organizations and how decisions are made, executed, and implemented in the profit making and nonprofit sectors. The goal of this course is to help the student understand how successful businesses operate in the American economy.

INTRODUCTION TO ENGINEERING

1 Semester, ½ credit

Grades 9-12

Prerequisite: none

This is an interactive, STEM course. It comprises of the following elements and skills: project based learning, applying different knowledge, building, woodwork, drawing design, mechanics, testing, calculations, drawing and building circuits, and electrical and catapult designs. It integrates physics and math.

INTRODUCTION TO INVESTING

1 Semester, ½ credit

Grades 9-12

Prerequisite: none

This course is an introduction to the stock, bond, and commodity markets in the United States. The students participate in a halal stock investment simulation to experience how profits and losses occur in the various markets. Students study the major stock market downturns as a means of understanding historical factors influencing the market. Case studies are used to teach the different approaches to investing such as day trading, diversification, dollar cost averaging, buying on margin, and using stop loss limits.

JOURNALISM – YEARBOOK / NEWSLETTER

1 semester, 1/2 credit (offered fall and spring)

Grades 9-12

Prerequisite: None

This course provides an opportunity for students to learn basic concept planning, writing, editing, designing, and organizing skills. From the financial responsibility through preparation of content for the printer using desktop publishing, the student assumes a role on either the yearbook staff or the newsletter staff utilizing the mastered skills. The students will be actually working on the newsletter or yearbook and be in the same class periods as the rest of the staff.

MINDFULNESS

1 Semester, ½ credit

Grades 9-12

Prerequisite: none

Upper schoolers experience intense and pervasive levels of stress and anxiety due to a combination of academic, social, and personal pressures and expectations. Stress and anxiety don't always transpire in the form of a panic attack, a fit of rage, or a meltdown--sometimes stress and anxiety affect us in subtle ways that can still hold us back.

"Mindfulness" is one way we can channel our worries into productivity. Students in this course will identify sources of stress in their lives and will be equipped with knowledge of relevant physiological processes and tangible strategies to cope with both stress and anxiety.

MOCK TRIAL

1 Semester, ½ credit

Grades 9-12

Prerequisite: none

Mock Trial uses the litigation model to teach legal studies and communication strategies. Students try hypothetical cases that involve witness testimonies and jury deliberations. Jury deliberations incorporate small group communications and group dynamic theory to better understand the communication process.

SPEECH

1 semester, ½ credit

Grades: 9-12

Prerequisite: None

The class is designed to provide an opportunity for students to become comfortable in a variety of speaking situations by developing speaking and discussion techniques. The students will explore small group and large group discussion, informative, broadcasting, sales and persuasive speaking styles. It is especially recommended for students interested in careers in law, politics, education and broadcasting.

POETRY AND PROSE

1 semester, ½ credit

Grades: 9-12

Prerequisite: None

This course offers students the opportunity to participate in University Interscholastic tournaments while practicing poetry and prose during class. Students create an original program of poetry and/or prose selections based on the annual categories designated by UIL.

PING PONG

1 semester, ½ credit

Grades: 9-12

Prerequisite: None

This course offers students the opportunity to participate in University Interscholastic tournaments while practicing poetry and prose during class. Students create an original program of poetry and/or prose selections based on the annual categories designated by UIL.

EARLY COLLEGE START - DUAL CREDIT PROGRAM

Juniors and seniors may enroll in college concurrently with high school to extend learning or accumulate college hours. Credit earned through dual enrollment counts for college and upper school credit and fulfills upper school graduation requirements if the college course covers required state curriculum. Both concurrent and dual-credit courses may meet criteria for the Distinguished Achievement Program.

To take college courses, students must receive both the principal's and parent's prior approval. Students pay all costs associated with the courses and must submit an official transcript to the school in order to receive upper school credit. To receive credit, the grade in the course must be a C or better; to receive Distinguished Achievement Program credit as an advanced measure, the grade must be a B or better. If all conditions are met, credit is given for the course but is not used to determine the student's grade point average (GPA) or class rank.

To take a dual credit or concurrent interactive video-conferencing class from ACC, students must receive prior approval from both the principal and their parents. ACC waives all or part of the tuition and fees for dual credit courses including interactive video-conferencing classes for APA students. Students pay a minimal fee for courses not taught on a upper school campus. Students pay all other costs associated with the courses. Students must submit an official transcript to APA in order to receive upper school credit.

The following Austin Community College (ACC) courses have been approved for dual enrollment. Other courses may be available in the future.

Austin Peace Academy Approved Dual Credit Courses for Austin Community College

APA Course Number	APA Course Title	APA Credit	ACC Course Number	ACC Course Title	ACC Course Hours
English Language Arts					
103	English III	1.0	ENGL 1301	English Composition I	3
			ENGL 1302	English Composition II	3
			ENGL 2327	American Literature I	3
104	English IV	1.0	ENGL 1301	English Composition I	3
			ENGL 1302	English Composition II	3
			ENGL 2322	British Literature I	3
Science					
305	Biology AP	1.0	BIOL 1408	Introductory Biology - Unity of Life	4
			BIOL 2106	Lab	4
306	Physiology & Anatomy	1.0	BIOL 2402	Introduction to Anatomy & Physiology	4
			BIOL 2101	Lab	
307	Physics AP	1.0	PHYS 1401	General College Physics I (lecture/lab)	4
			PHYS 1402	General College Physics II (lecture/lab)	4
308	Chemistry AP	1.0	CHEM 1405	Introduction to Chemistry & Lab	4
305	Anatomy &	1.0	BIOL 2304	Human Anatomy	4

AUSTIN PEACE ACADEMY UPPER SCHOOL CATALOG

	Physiology of Human Systems		BIOL 2101 BIOL 2305 BIOL 2102	Lab Human Physiology Lab	4
Social Studies					
402	U.S. History	1.0	HIST 1301 HIST 1302	United States History I United States History II	3 3
404	Economics (macro)	0.5	ECON 2301	Principles of Macroeconomics	3
404	Economics (micro)	0.5	ECON 2302	Principles of Microeconomics	3
403	Government	0.5	GOVE 2305	United States Government	3
405	Psychology	0.5	PSYCH 2301	Introduction to Psychology	3
406	Sociology	0.5	SOCI 1301	Introduction to Sociology	3
Languages Other Than English					
501	Arabic I	1.0	ARAB 1511	Level I Arabic	5
502	Arabic II	1.0	ARAB 1512	Level II Arabic	5
503	Arabic III	1.0	ARAB 2311	Level III Arabic	5
504	Arabic IV	1.0	ARAB 2312	Level IV Arabic	5
Mathematics					
206	Calculus AB	1.0	MATH 2413	Calculus I	3
207	Calculus BC	1.0	MATH 2414	Calculus II	3
Computer Courses					
901	Business Computer Information Systems I	1.0	COSC 1301	Personal Computing	3
903	Computer Science I	1.0	COSC 1315	Fundamentals of Programming	3
903	Computer Science I	1.0	COSC 1320	C++ Programming	3
Health/P.E.					
601	Health	0.5	KINE 1304	Personal Health	3
601	Health	0.5	KINE 1305	Community Health	3
704	First Aid and Safety	0.5	KINE 1306	First Aid and Safety	3
Speech					
109	Speech	0.5	SPCH 1311	Introduction to Speech	3
Career & Technology					
904	Digital Graphics	1.0	ARTC 1402	Digital Imaging	3
		0.5			3
		1.0	DFTG 1405		3
Fine Arts					
805	Design	1.0	ARTS 1311	Design	3
806	Intro to Printing	1.0	ARTS 2333	Printmaking	3
807	Photography	1.0	ARTS 2356	Photography	3