

The following course descriptions are provided by the faculty at Little Rock Central High School. School district descriptions for courses not described here may be found at www.lrsd.net, then click “Departments”, then “Course Catalog”.

Academic Competitions This multi-level course is designed to provide time and opportunity for the serious academic competitor to prepare for participation in a variety of competitions such as Science Olympiad, Quiz Bowl, science research projects, mathematics competitions, essay contests, chess, or other areas of individual interest. Participation in well-chosen extracurricular activities contributes to a balanced resume which is an important component for future success.

Advanced Art This course is structured to illustrate the interrelationship of parallel art forms (music, visual arts, dance and drama).

Advanced Database Applications Students with advanced knowledge of database are widely sought after in today's era of huge databases as evidenced in companies such as Wal-Mart, Wal-Mart vendor companies, J.B. Hunt, Acxiom, Tyson, and the like. Students will work with multiple table operations, forms and reports. Student will learn advanced database features to manipulate and present data through advanced queries, calculated controls, macros, switchboards, custom forms/reports, subforms, subreports, joins, relationships, and more. Students will learn techniques in sharing, integrating, analyzing and managing a relational database. A brief introduction to SQL is also recommended.

Advanced Science and Theoretical Research PAP I and II These courses are designed for the gifted and talented student who expresses a deep interest in science related fields, and desires to research areas of science that are not addressed in other courses or textbooks. *Improving ACT Scores* and *Science News* are among the many course recourses. Students will participate in the selection of speakers, field-trip sites and topics for study. After designing, and completing an independent research project, students will communicate their findings through peer reviews and academic competitions. Students who complete ASTR 1 are eligible for ASTR 2. (Grades 9-12)

African-American History This course is an expanded study of the people, places, events and issues of early African history as well as the struggles and triumphs of black Americans during major periods of American history. The focus will be on the political, social and economic history of all areas of study. Students will have the opportunity to concentrate on in-depth research of selected topics to enrich their knowledge and understanding. Numerous resources will enhance the adopted textbook.

Algebra I 9-12 The CCSS Algebra I course focuses on work with the real number system, algebraic structures, equations, inequalities, and functions. Additional emphasis is given to modeling and interpreting categorical and quantitative data. Arkansas teachers are responsible for integrating appropriate technology and including the eight Standards for Mathematical Practice found in the Common Core State Standards for Mathematics (CCSS-M).

Algebra II 9-12 Prerequisite: Algebra I. The CCSS Algebra II course focuses on the real and complex number systems. Students will study, in-depth, polynomial and rational expressions, equations, inequalities, and functions. Students will model using linear, quadratic, and exponential models. Interpreting data and determining probability will also be an area of focus. Likewise, students will study the basic elements of trigonometry. Arkansas teachers are responsible for integrating the eight Standards for Mathematical Practice found in the Common Core State Standards for Mathematics (CCSS-M)

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 relationship to each other. Appropriate laboratory activities are included to support the concepts and skills of developed in the course.

AP Research The AP Research course is the second of two courses in the AP Capstone program. Students will apply the research, critical thinking, and writing skills acquired in the AP Seminar course; employ ethical research practices; and access, analyze, and synthesize information as they address a research question that interests them. Students will develop a portfolio of their work, an academic paper of 4000-5000 words (accompanied by a performance or exhibition of product where applicable), and a presentation with an oral defense. Students who successfully complete both AP Seminar and AP Research and pass four other AP tests will be awarded an AP Capstone Diploma. AP Seminar is a pre-requisite to AP Research

AP Seminar The first of two courses in the AP Capstone; Students will learn and apply research skills, critical thinking, and writing skills students for a student selected topic in the sciences or humanities. Students who successfully complete AP Seminar and AP Research (year 2) and pass 4 other AP tests will be awarded an AP Diploma. The perfect course for students who want to earn an AP credit for working on the science fair project

Art Design Art Design is a two semester course designed for students who have successfully completed Introduction to Art. Art Design is an introductory course structured to develop visual perception through studio exercises and critical analysis. These assignments are designed to develop a vocabulary in the language of art as well as hone technical skills in a variety of media. The elements and principles will be infused into concentrated thematic units of study. This two semester long course is designed for those students who have successfully completed Intro to Art. It introduces students to the basic elements and principles of 2D design and color theory with an emphasis on compositional strategies and creative and conceptual thinking.

Art History AP The AP Art History course is designed to provide an understanding and knowledge of architecture, sculpture, painting, and other art forms within diverse historical and cultural contexts. In the course, students examine major forms of artistic expression from the past and the present from a variety of cultures. They learn to look at works of art critically, with intelligence and sensitivity, and to analyze what they see. No prior experience in art history is assumed for those students who take the course. The course does require a high degree of commitment to academic work, as it is a program designed to meet college standards.

Astronomy Technology will be integrated through the use of internet based telescopes, research, and software. Fundamental physics, Chemistry, and Mathematics concepts will be addressed throughout the study of stars, galaxies, stellar evolution, black holes, and the accelerating expansion of the Universe.

Avid Elective I, II, III, IV AVID, which stands for Advancement via Individual Determination, is designed to prepare students in the academic middle (B/C students who have the desire to go to college and the willingness to work hard) for four –year college eligibility. Typically, AVID students will be the first in their families to attend college, and many are from low-income or minority families. AVID students are enrolled in the toughest classes such as PAP and AP, and also in the AVID elective each year. In the AVID elective students learn organization and study skills, from peers and college tutors, and participate in enrichment and motivational activities that make college seem attainable. A written application and interview are required for admittance.

Band I, II, III, IV (Advanced) This class will consist of students recommended by the band director or through auditions. This group will play advance levels of classical band literature and will meet in the spring semester after school once a week from 4:00 to 5:30 pm. All students will also participate in the **Marching Band**. Marching Band meets in the fall only; it consists of the advanced band, brass ensemble, woodwind ensemble, and percussion ensemble. This group will meet on Tuesdays and Wednesday from 4:00 to 5:30 pm and Thursday from 4:00 to 7:30 pm. unless otherwise stated by the band director.

Band - Brass Ensemble I, II, III, IV Will consist of students who play the trumpet, French horn, euphonium, and tuba. During the spring semester this group will become a part of the concert band. The group will play a moderate level of classical band literature and meet once a week from 4:00 to 5:30. Students are also part of the Marching Band (see Marching Band under Band I, II, III, IV).

Band - Jazz Ensemble I, II, III, IV Will meet in the fall and spring. Students are placed through auditions or recommendation. This group will explore contemporary music as well as bebop and other popular forms of jazz. A student must be enrolled in Band, woodwind, percussion, or brass to be in the jazz ensemble and must have instructor approval.

Band - Novice Band Will meet in the fall and spring and is open to any student interested in learning how to play an instrument. The student is responsible for providing an instrument and or accessories assigned by the band director. This group may perform at the winter and spring concerts.

Band - Percussion ensemble I, II, III, IV Will consist of percussionists interested in developing their skills on melodic instruments, timpani, and snare drum. This ensemble will also become a part of the concert band in the spring semester and practice once a week from 4:00 to 5:30 pm. Students are also part of the Marching Band (see Marching Band under Band I, II, III, IV).

Band - Woodwind Ensemble I, II, III, IV Will consist of students who play one of the instruments in the woodwind family. During the spring semester the group will become part of the concert band and practice once a week from 4:00 to 5:30 pm. Students are also part of the Marching Band (see Marching Band under Band I, II, III, and IV).

Biology 2 AP The AP Biology course is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their first year. The course differs significantly from the usual first high school course in biology with respect to the kind of textbook used, the range and depth of topics covered, the kind of laboratory work done by students, and the time and effort required of students. Students should have successfully completed Pre-AP Biology and passed both semester exams. Students are to have completed Pre-AP Chemistry or be concurrently enrolled. The course is divided into three general areas: (1) molecules and cells, (2) heredity and evolution, (3) organisms and populations. AP Biology aims to provide students with the conceptual framework, factual knowledge, and analytical/inquiry skills necessary to deal critically with the rapidly changing science of biology.

Business Procedures This is a two-semester course that will provide students with concepts and skills in technology, communication, human relations, financial and record management, and employability skills that can be applied in the management and administration of an office.

Business Procedures – Work study is a two-semester course designed for junior and senior business students. This course covers such topics as use of current technology and communications, ergonomics, human relations, records management, and the basics of management and supervision. A supervised learning experience is required. This experience is for advanced business education students who attend school part of the day and work in a business office for the remainder. One unit of credit is given for the related class and two credits for on-the-job training.

Calculus AB AP Prerequisites: Algebra 1, Algebra 2, Geometry, and Pre-Calculus. An A or B average will help assure success in this rigorous course designed for high school students who are ready to do college level mathematics. Calculus AB AP is a course in single-variable calculus that includes concepts of functions, derivatives, integrals, and their applications. Algebraic, numeric, graphical, and verbal representations are emphasized throughout the course. All students will be expected to take the AP Examination for AP Calculus AB in May with the intent to score at a level that would allow them to receive college credit for the first semester of college calculus.

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. This course is offered for concurrent credit and is equivalent to at least a year of calculus at most colleges and universities. Algebraic, numerical, and graphical representations are emphasized throughout the course. All students will be expected to take the AP exam in May with the intent of scoring at a level that would allow them to receive college credit for Cal I and II.

Chemistry 2 AP Topics addressed in this course include the structure and properties of matter, stoichiometry, chemical reactions, kinetic theory of gases, chemical equilibria, chemical kinetics, thermodynamics, and electrochemistry. Students should attain an understanding and competence in dealing with chemical problems in each of these areas. Lab work is an important part of this course. Pre-AP Chemistry is a prerequisite for this course.

Chinese I This course stresses correct Chinese pronunciation, oral comprehension, and simple speaking ability. As student communication skills develop, the course will include additional vocabulary and basic grammar for limited reading and writing ability. This course is defined by the content standards of the Arkansas Foreign Language Curriculum Framework for Chinese I and includes applications, problem solving, higher-order thinking skills, and performance-based, open ended assessments using a rubric.

Chinese II The course develops and expands the fundamental skills introduced in Chinese I. Oral comprehension, pronunciation and speaking exercises facilitate oral communication. Additional vocabulary and grammar are introduced to lead to more advanced reading and writing. Authentic reading materials and audio/video recordings enrich instruction. The course is defined by the content standards of the Arkansas Foreign Language Curriculum Framework for Chinese II and includes applications, problem solving, higher-order thinking skills, and performance-based, open ended assessments using a rubric.

Chinese III This course emphasizes oral and written expression to promote more proficient communication skills. Chinese III includes the review and expansion of essential Chinese grammar and vocabulary necessary for advanced communication. Culturally authentic materials and literary selections are read and discussed.

Chinese IV AP Chinese furthers the communications skills in Chinese III with the aim of achieving greater language and culture proficiency. The majority of this course is conducted in Chinese.

Choir I This course is designed as a beginning ensemble with emphasis on learning the basic techniques of good musicianship. Students will learn to sing a variety of stylized literature.

Choir II, III, IV Courses are designed for advanced learners. Auditions are required.

College and Career Readiness is a one semester course that will teach students the skills necessary to be successful in any academic and/or career setting. Emphasis will be placed on organizational skills and time management, etc. Additionally, the importance of building academic resumes which students will be able to use their entire academic careers will be developed. Another aspect of the course will be to help students determine areas of career focus for which they might be best suited.

Comparative Government and Politics AP Topics addressed include studies and comparisons of democratic governments and politics in Russia, China, Mexico, Iran and Nigeria. Suggested prerequisites for this course include: AP US Government and Politics, AP US History, AP Human Geography or Pre-AP Civics

Computer Science AP – 1 full year This course is taught according to the syllabus developed by College Board for AP courses. Computer Science A emphasizes programming methodology with a

concentration on problem solving, and algorithm development and is meant to be the equivalent of a first-semester college course in Computer Science. It also includes the study of data structures and abstractions. The Java program language will be taught.

Computer Science Principles AP® Computer Science Principles is designed to introduce students to the central ideas of computer science, to instill ideas and practices of computational thinking, and to have students engage in activities that show how computing changes the world. The course is rigorous and rich in computational content, includes computational and critical thinking skills, and engages students in the creative aspects of the field. Through both its content and pedagogy, this course aims to appeal to a broad audience. At Central students will use Mobile APP format, utilizing APP Inventor. First semester we will learn how to write mobile APPs, in the second semester students will produce a project to be turned in to AP College Board as a portion of the Exam score. Final projects do not have to be written using the APP Inventor but can be written in a language of the students choosing.

Computer Science w/Programming is a 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. Programming II is a continuation of the study of the language taught in Programming I.

Creative Art This individualized and advanced art course is designed to encourage a student to pursue his/her particular painting interest. Watercolor is basic to this course in addition to the following: oil, acrylic, tempera paints, pencils, crayons, markers, inks, woods, glue, plaster, and canvas available. Individual study and portfolio preparation are an integral part of the course. Prerequisite: Painting or Teacher Recommendation

Creative Writing Creative Writing is a course that is designed to enhance the student-writer's understanding of various genres of literature and the literary techniques that contribute to strong writing. We will focus especially on reading and writing poetry, fiction, songs, and creative non-fiction. The course is designed to be a writing workshop that relies heavily on student discussion, constructive criticism, and project-based learning. The project goals for the year include the release of a CD of original music during the first semester and the publication of *The Labyrinth*, the school literary magazine, during the second semester. Students who sign up for Creative Writing should have a passion for writing, a willingness to share, and be open to constructive criticism of their own personal writing. The student will become a stronger, more convincing, and more confident writer throughout the course of the year. Teacher approval required

Debate I, II, III, IV Designed to provide opportunities for students who desire to participate in intensive and extensive debate activities. Students work independently and cooperatively with other students to master these concepts and skills through participation in speech tournaments and the Arkansas Student Congress

Digital Marketing This is a two-semester project-based course that enhances technology skills, job search and employability skills along with communication skills. Students will create an online electronic career portfolio focused on an individual career path, create digital marketing campaigns (including content marketing, social media, and viral marketing campaigns), participate in video conferencing, cloud-based collaboration, and learn and practice other workplace communications; technology will be used to enhance these skills. Productivity programs and apps will be used to teach time management, organization and collaboration skills, cloud storage and computing. Students will also create career-related documents according to professional layout and design principles, and will also learn the photo and video editing skills needed to create promotional and information business communications and viral marketing campaigns.

Drama I This course is designed for those students who are interested in the field of dramatic art. Building on basic speech skills. Drama I is structured to channel these skills into dramatic presentations such as 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. Drama I also serves as the working class for theater productions presented each year. Involvement in a play teaches technical theater such as lighting; set design, makeup, costuming, and publicity as well as allowing students who are interested in the performing aspects to exhibit their talents before a live audience.

Drama II Students are required to act in class, on stage, and other places. They are also required to complete theater related projects such as creating props, costumes, recording music on CD. After a full year in this course, students should be able to choose whether to continue to act on the stage/various venues or work behind the scenes of play production. Recommendation or audition required.

Drama III This course is an in-depth study in acting directing, and theatre production. Students explore different acting techniques and how to integrate them in presentations. The importance of research as an individual/unique artist when analyzing scenes, plays, and characters while selecting literature to perform will be emphasized. Directors from diverse ages will be studied while learning to develop the proper skills needed to be an effective beginning director. Students who plan to major /minor in theater arts and/or related subject as such as communication arts, speech, theater, radio, television, film, broadcasting, music, dance, speech and theater education will be identified to help better prepare students for scholarship opportunities, college/higher education, and career plans. Recommendation or audition required.

Drama IV This course is structured to channel the skills in the areas of acting, directing, and theatre production. This is done through classroom activities of pantomime, readers' theatre, acting scenes, choreography, musical theatre, one act plays, and original scripts. Students will continue to learn about directors to further develop the proper skills needed to be an effective director. Theater and related subject areas majors and minors will continue to receive additional help to encourage them to better prepare for scholarship opportunities as well as arrange for their future college/higher education and career plans. Recommendation or audition required.

Drawing I This course is an introduction to basic drawing units of study in the following areas: line, composition, forms, tonal scale, texture, color theory, enlargement, perspective, pen and ink, portraits, and lettering.

Drawing II This course is structured as an in-depth study of visual perception. Skill developments include proportion, perspective, and shading of the human face, features, and body. The student is required to exhibit selected works.

Dynamics of Human Relations focuses on the development of skills needed in order to build and maintain successful relationships in the home, community, and workplace. Emphasis is given to the development of competencies related to personality development, decision-making, communication, relationships outside the family, relationships within the family, and careers in the field of human relations. Upon completion of this course, the student should have a better understanding of self; know how to communicate effectively; and be able to establish and maintain effective relationships with family members, peers, and others.

Earth Science deals with the physical earth and with the universe in which it is found. The physical earth is composed of interrelated systems, the geosphere-the solid earth and the water and air on it, and the biosphere-the entire world of life on earth and the physical environment that supports it. Study of the geosphere focuses on the composition and structure of the earth, the movements of materials within and upon the earth's crust, and the processes that shape the earth. The related study

of the biosphere focuses on the life forms on earth and how they interact with the physical environment. Appropriate laboratory activities are included to support the concepts and skills developed in the course.

EAST I, II, III, IV EAST is an elective that creates an opportunity for students to work as a member of a team that designs, develops, coordinates and implements real world service learning projects utilizing advanced technologies. These projects incorporate state of the art technologies that encourage students to be creative and learn how to use applications such as computer aided design, geographic information systems, computer animation, computer programming, digital video production, and web design. EAST is a multi-level course with students potentially able to participate all four years in high school. **ALL STUDENTS ARE REQUIRED TO PARTICIPATE IN A SERVICE LEARNING PROJECT THAT INTEGRATES THE TECHNOLOGY AVAILABLE IN EAST.** First year EAST students must be prepared to work as a member of a team and develop a real world community based project by second nine weeks. Upper level students must be actively involved in a community project on a continuous basis. Successful EAST students must be motivated, self-disciplined and have a desire to make a difference in their community.

English 9. This freshman English class offers the tools a student will need to be successful for the rest of high school. The foci of this class will include but not be limited to: reviewing and learning grammatical structures; reading various types of literature; writing in several modalities; writing a researched paper; and creating hands-on projects. Students will be required to analyze, synthesize and evaluate texts both in writing and orally in class discussions.

English 9 Pre-Advanced Placement. This freshman English class does everything the English 9 class does except at an accelerated pace and in more depth. Students are required to do outside reading as well as the in-class reading, and complete projects more independently. A Pre-AP student should be dedicated to completing his/her work on time, participate enthusiastically, completely engage in the learning process for its own sake, and demonstrate self-direction. Students who plan to take AP English classes are strongly recommended to take this level.

English 10. This sophomore English class continues the structured learning from the English 9 class. The foci of this class will include but not be limited to: reviewing and learning grammatical structures; reading various types of literature; writing in several modalities; writing a researched paper; and creating hands-on projects. Students will be required to analyze, synthesize and evaluate texts both in writing and orally in class discussions.

English 10 Pre-Advanced Placement. This sophomore English class does everything the English 10 class does except at an accelerated pace and in more depth. Students are required to do outside reading as well as the in-class reading, and complete projects more independently. A Pre-AP student should be dedicated to completing his/her work on time, participate enthusiastically, completely engage in the learning process for its own sake, and demonstrate self-direction. Students who plan to take AP English classes are strongly recommended to take this level.

English 11. English 11 is the most accessible eleventh grade English course offered at Little Rock Central High. Students enrolled in this class can expect to study a variety of well-known works of American Literature. Students will review and sharpen their skills with grammar, mechanics, and reading comprehension, with a focus toward improving ACT scores. Students will also work to improve their research and citation skills as they look forward to senior year.

Eng. 11 Pre-AP. Pre-AP at eleventh grade is what most people consider an “honors” course. While still focusing on American Literature with major works, students will also explore ideas and criticism from other sources. Pre-AP English III will cover many of the same concepts, and much of the same material, as the AP Language class, but will do so at a different pace and depth than the

AP class. Students who take Pre-AP English III should be able to take AP Literature during their senior year, even if they didn't feel ready for such a challenge junior year.

Eng. 11 AP Language and Composition. AP Language and Composition is a college-level course equivalent to most colleges' Freshman Composition programs. Students will read a wide-variety of advanced texts and work with ideas that require not only some extra effort, but also some extra maturity. Students are expected to keep up with a fairly heavy workload (mostly reading), while also being able to reflect deeply about the ideas being presented. In their writing, students taking this course will be moving from competency to "stylistic maturity." By the end of this course, students should be able to write at least as well as the typical college freshman.

English 12. The purpose of English IV is to guide students through the processes of reading informational texts and fine literature in order to increase their abilities to process specialized language/texts verbally and via composition writing. Students will employ close reading practices in order to apply prior knowledge and research skills with the goal of creating composition that can be categorized as such: narrative, expository, and/or argumentative. While observing fine literature from a variety of media, students will demonstrate comprehension of content while examining and questioning an author's relevance, choices, and intentions.

Eng. 12 International Studies. This senior English class studies fiction and nonfiction from around the world and from various cultures within the United States. The foci of this class will include, but is will not be limited to the following:

- Cultural, geographical, and historical influences that account for differences in content, structure, and theme in the pieces we read.
- Human conditions that account for, perhaps unexpectedly, similarities in the pieces we read.
- Individual that account for our own understanding of and relationship with text.
- Planning, drafting, writing, and revising multiple essays, including literary analysis, personal narrative, poetry analysis and personal poetry, and a research paper.

Eng. 12 AP Literature. AP Lit is a British Literature survey course. After discussion of summer reading, we begin with the Anglo-Saxon's adventure epic *Beowulf* then work all the way through the Modernists. The course emphasizes literary works as well as academic essays. Additionally, we spend time detangling the mysteries of poetry. Students complete a senior capstone project over any subject of interest. The purpose of this project is to illustrate the ability to generate a research question, to participate as a scholar in the body of academic work, to use research skills acquired during high school, to read and understand dense scholarly texts, and to highlight one's particular interests. The class culminates in the AP Literature Exam.

Enhanced Government and Politics AP Topics addressed include Constitutional underpinnings of US Government, the institutions of government, making public policy, civil rights and civil liberties. Suggested prerequisites for this course include: Pre-AP Civics, AP US History, or US Government.

Environmental Science is a holistic interdisciplinary study combining ideas and information from natural sciences (biology, chemistry, geology) and social sciences (economics, politics, ethics) to present a general idea of how nature works, how scientific fields are interconnected, and how people affect the system. Appropriate laboratory activities are included to support the concepts and skills developed in the course. The primary emphasis is on developing an understanding of concepts rather than on memorizing terms and technical skills. By the end of the course you will be able to understand and apply real world skills to everyday life.

Environmental Science AP is an introductory college level course. It is a holistic interdisciplinary study combining ideas and information from natural sciences (biology, chemistry, geology) and social sciences (economics, politics, ethics) to present a general idea of how nature works, how

scientific fields are interconnected, and how people affect the system. Appropriate laboratory activities are included to support the concepts and skills developed in the course. Areas of study include; (1) Ecology and Population (2) Agriculture and Health (3) Pollution and Solid Waste (4) Energy (5) Urban issues and Law, Economics and Political decision making. The primary emphasis is on developing an understanding of concepts rather than on memorizing terms and technical skills. Prerequisite: Completion of two years of high school science, (physical science, biology), Chemistry (or concurrent enrollment with instructor consent), Geology is strongly recommended (can be concurrent enrollment)

Entrepreneurship is a course designed to offer an overview of the American business enterprise system. This course covers a study of various forms of ownership, internal organization, management functions, and financing as they relate to business. The course content focuses on the concepts and practices of small business ownership and management. The student should be introduced to software that is used as a tool for management functions. The course also incorporates international economics and small business applications. The course content focuses on risk management; the use of technology; legal, ethical, and social obligation of business; savings and investments; taxes and government.

European History AP This elective is a college preparatory course in European history since 1450. The course introduces students to the cultural, economic, political, and social developments that played a fundamental role in shaping our world. In addition to providing a basic narrative of events and movements, the goals of AP European history are for students to develop an understanding of some of the principal themes in modern European history, an ability to analyze historical evidence and historical interpretation, and an ability to express historical understanding in writing. Like a college course, students are required to read extensively, interpret what is read from an historical perspective, and write thoughtfully about what they have discovered.

Family and Consumer Science Family and Consumer Science is designed to provide students with basic information and skills needed to function effectively within the family and within a complex society. Upon completion of this course, the student should have developed basic life skills that promote a positive influence on the quality of life.

Fashion Merchandise Experiences in this course are designed to assist students in developing skills necessary for management of individual and family wardrobes, for decision making as a clothing consumer, and for understanding the role of the clothing and textile industry in the economy. In addition, the student should acquire skills needed for clothing and textiles occupations and develop knowledge of the impact of technology on the clothing and textiles industry.

Forensics I is a full-year course designed to give students an introduction to competitive speech and drama. This course gives students the opportunity to learn appropriate research strategies to write and edit pieces for performance, the necessary presentation skills, and the opportunity to compete on the state and national circuit. Emphasis is placed on developing presentations that are meaningful to the student and relevant to society as a whole. This course is rigorous academically and requires not only performances inside the classroom, but outside the classroom as well. Participants are required to attend in state tournaments both semesters. Recommended for students who have already taken a theatre or communication class.

French I French I introduces the student to the 'basics' of the French language and culture, including history, art and, of course, food. The study of this language reinforces their understanding of English grammar and syntax. This introductory course is designed to equip the students for basic written and oral communication in the French language. By the end of the year, students will have a working knowledge of the present tense in regular "er" verbs and 4 of the most critical irregular verbs. They

should be able to meet and greet others in French, describe themselves and their families, discuss their likes and dislikes, school subjects and activities and order food in a restaurant.

French II French II is a natural progression from French I. As with all language courses, there are five strands: reading, writing, listening, speaking and culture. Students will enlarge their vocabulary in order to converse more, and improve listening skills. The grammar emphasis will be the past tense of regular and irregular verbs, sequencing events, use of transition words and the near future. The course requires daily homework, class participation, oral and written quizzes and tests, along with small projects for cultural enrichment.

French III French III involves much more speaking and advanced grammar work to improve writing. Emphasis will be placed on object pronouns, all groups of verbs in present, passé composé, imparfait, future, conditional and subjunctive tenses. Daily practice and preparation is very important to be successful.

French IV – V The Pre-AP Level IV and AP Level V French language courses emphasize the use of the target language for active communication in listening speaking, reading, and writing. Both of these levels reflect the interests and needs of the students and seek to advance each of the four language skills. French V is a weighted course and all students take the AP French Language Exam.

G-T Seminar Differentiated lessons are designed to develop students' critical and creative thinking, engage them in independent and group investigation, and facilitate personal growth. With a course focus on process rather than content, students explore their own and others' learning styles, participate in project-based learning activities—some of which are tied to the surrounding community and design and choose some of their own assessments. Pre-requisite: Gifted / Talented Identified.

German 1 This introductory German course teaches students basic vocabulary, grammatical structures and acquaints students with German culture, heritage and geography. Emphasis is placed on conversation skills learned in class and reinforced through repetition and homework. Students also work in groups and role play to reinforce concepts and skills.

German 2 This course delves deeper into grammatical structures and culture of German-speaking countries. Students present oral and creative projects about geography, fairy tales and notable German speakers and their contributions to the world society. Students will read original stories in target language and compare and contrast them with modern day tales.

German 3 Students develop travel knowledge, skills and vocabulary in German while reading travel-related books. In this course, students also will write letters to German-speaking embassies and consulates to request information and develop a travel itinerary in target language. Students also will learn about authentic folktales and legends, expressing their likes and dislikes as well as the creation and fall of the Berlin Wall that once divided the German nation.

German 4/5 AP This Advanced Placement course prepares students for national examinations and college-level German. Students read and write original material in target language and synthesize concepts in preparation for the AP German Language Exam.

Geometry 9-12 Prerequisite: Algebra I. The CCSS Geometry course focuses on concepts such as congruence, similarity, measurement, and dimension. Students will express geometric properties using equations. They will also be expected to model with geometry. Arkansas teachers are responsible for integrating the eight Standards for Mathematical Practice found in the Common Core State Standards for Mathematics (CCSS-M).

Graphic Design This course introduces advertising layout with units of study in illustration, lettering, and printmaking. Practical applications of commercial art and careers are explored.

Human Geography AP Human Geography uses a topical approach to examine current cultural, economic and political features of the world. Topics include population, migration, industrialization, culture, development, urbanization and political boundaries. Key vocabulary and concepts are examined and reinforced through projects that require students to collect, manipulate, display and interpret geographic information.

Internship Student interns will receive guided classroom and guided work-site instruction that is competency based and that incorporates academics and applied learning activities. Activities will help to enhance student interns' communicative skills. This emphasis is largely because their career focus areas and academic course work will be integrated into the curriculum. The course will provide students with a planned program of occupational skills development and other employment experiences relate to a chosen career focus area.

Introduction to Western Philosophy This co-taught, interdisciplinary course will encourage students to participate responsibly in public discourse by ushering them into horizon-expanding dialogue with several of the major approaches, branches, movements, and schools of Western philosophy. To wit, each quarter will gravitate around a series of fundamental questions regarding such perennially controversial issues as identity, truth, justice, and art. This class is open to sophomores, juniors, and seniors who are haunted by such questions as well as to those who are simply curious. Full year course.

JAG I/II (Jobs for Arkansas Graduates) Job's for Arkansas' Graduates (JAG) is a broad based School-to-Work program designed to assist students whose ability to successfully graduate from high school and obtain meaningful employment is in jeopardy. The program's goal is to ensure student's graduation (or GED) and prepare students for workplace success whether their career begins immediately upon high school graduation or requires them to complete postsecondary education/training.

Journalism 1A This one-semester survey-type course will familiarize the student with newspapers and various types of newspaper writing, including editorials, news, sports, features and reviews. In addition, students will analyze newspapers and their effect on society and stay abreast of current events. Students will learn the basics of news writing. For students interested in applying for Journalism II, Photography is the recommended course to pair with Journalism IA.

Journalism 1 This is the preferred prerequisite for newspaper and yearbook staffs. Students who complete the yearlong course and meet other requirements will be given preferential consideration for staff openings. Journalism 1A students will be considered if openings remain. The first semester will cover writing, interviewing and research skills. The second semester will include photojournalism, (access to a digital camera is highly recommended) for the digital photography portion relating to publications and layout and design principles. Students will learn to use the desktop publishing program InDesign CS3.

Journalism II, III, IV – Newspaper This course is an advanced study of newspaper production and publications. Newspaper staff members will be immersed in the publication process: interviewing, researching, writing, editing, designing and selling advertisements. The school newspaper, *The Tiger*, comes out several times a year, and students regularly update the online newspaper. Students must apply and be accepted by the sponsor to be on staff and should realize staff membership is a commitment and will require some after-school work nights. Prerequisite: Journalism I or Journalism IA and Photography.

Journalism II, III, IV – Yearbook This course is a class where students use basic journalism techniques to produce *The Pix*, Central's yearbook, using professional design techniques. Students use skills they learned in Journalism I: copy writing, interviewing, writing headlines and captions, proofreading and editing, designing layouts, editing and cropping photos, fundraising and

advertising, dealing with ethical issues and photography issues. Students must apply and be accepted by the sponsor to be on staff, and they should realize staff membership is a commitment and will require some after-school work days. Prerequisite: Journalism I or Journalism IA and Photography.

Latin I Latin I is designed to introduce students to the ancient language of the Romans and their cultural influence in the world in art, history, and other languages. Latin enhances general language learning techniques and aptitudes, especially English. It helps develop the student's full intellect by strengthening skills of deductive and analogous reasoning, interactive learning, comparative analysis, and critical assessment.

Latin II Latin II is designed to continue the instruction begun in Latin I. The story line begun in Latin I will continue but with added focuses on the realities of life for all Romans-rich and poor. The grammatical studies will expand to include passive voice and subjunctive moods to an ultimate goal of reading passages from authentic works.

Latin III & IV, V AP This course requires students to: 1) develop a proficiency in accurate translation and an understanding of grammatical structures and vocabulary, 2) appreciate the poetic meters and literary techniques of Virgil, 3) become familiar with figures of speech commonly used by Virgil, and 4) be familiar with the pertinent Roman cultural, social, and political history of that time in which Virgil wrote.

Life Span Development focuses on skills needed to guide the physical, intellectual, emotional, and social development of children. Emphasis is given to the development of competencies related to the study of children, pregnancy and prenatal development, birth and the newborn, types of growth and development, stages of growth and development, rights and responsibilities of parents and children, needs of children, factors influencing the behavior of children, children with special needs, coping with crises, the effects of technology on child development, and careers related to the area of child development. Upon completion of this course, the student should be prepared to care for and guide the development of a child through all stages of growth—within a family, as a child-care professional, or in other experiences with children.

Macroeconomics AP This one semester college-level course is designed to prepare students to take the AP Macroeconomics exam. Students learn how economists evaluate the overall economy by measuring its size, rates of unemployment, inflation, and growth. They study real world events that shift demand and supply plus the tools governments can use to deal with recession and inflation, unemployment and deficits, and trade barriers. They learn different theories of how the macro economy operates and thus why economists disagree about fiscal and monetary policies. Prerequisite: Microeconomics AP.

Madrigals Course provides an opportunity for talented singers to perform a wide variety of choral literature as part of a small ensemble. Audition required. Central's class meets zero hour.

Management is a two-semester course that assists the student in understanding basic management functions. Students study the management process, decision-making, environmental factors, basic ethics, and social responsibility. Planning, organizing, leading, and controlling are emphasized as well as basic concepts of staffing, leadership, communications, entrepreneurship, and international management.

Marketing Education I – Work Study Marketing is a two-semester course designed to provide students with the fundamental concepts, principles, skills, and attitudes common to the field of marketing. Instruction will focus on market types, market analysis, consumer types, planning promotion, buying, pricing, distribution, finance, trends, and careers. Although it is not mandatory, many students can benefit from the on-the-job training component (cooperative education) of this course. The student's job must relate to his/her career objective.

Marine Biology and Oceanography This course is a general introduction to the unique physical and chemical processes of the marine ecosystem as well as the organisms that live in our oceans. We will use labs and mathematical models to study the physical processes of the ocean. We will analyze current marine research and examine video footage of life in the sea. It is recommended that students have completed physical science (or physics and chemistry) and Biology, at least one of these courses at the pre-AP level, due to the analytic and laboratory skills required for success in the class.

Medical Office Procedures is a two-semester course focusing on management and supervision in the Health Informatics office environment. The course covers basic skills in word processing, database, spreadsheet, presentation, desktop publishing, 10-key calculating, record keeping, communicating and transcribing, as well as decision making, critical thinking, teamwork and ethics.

Microeconomics AP This one semester college-level course is designed to prepare students to take the AP Microeconomics exam. Students study basic economic principles that apply to both Micro and Macroeconomics and then move on to the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. The course places primary emphasis on the nature and functions of product markets and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy.

Mobile Application Development I (MAD I) Students learn coding as it pertains to the selected operation system and begin developing working applications for mobile devices. **If a student has previously taken Programming or AP Computer Science Principles we don't recommend this course.*

Mobile Application Development II (MADII) continues teaching coding as it pertains to the selected operation system and developing working applications for mobile devices. **If a student has previously taken Programming or AP Computer Science Principles we don't recommend this course.*

Multicultural Literature Multicultural Literature is half-year course for tenth through twelfth grade students. It is part of the International Studies and Humanities/Language Arts career focus course offerings. The class includes studying various cultures from around the world through research, films, and reading of folk tales, novels, short stories, and historical nonfiction. The major cultures covered include Native Americans, Jews of Poland and Germany during the Holocaust, South African, Kenyan, Nigerian, Australian, Latin American/Hispanic, and the United States during the Cold War. Although this is not an AP course, some of the same material is covered on Advanced Placement exams. Guest speakers are occasionally brought in to provide additional background information.

Music Appreciation This course is structured to illustrate the interrelationship of parallel art forms (music, visual arts, dance, and drama).

Music Theory AP is a course introducing high school students interested in seeking a college degree in music or a minor in music to musicianship, theory, musical materials, and procedures. It will integrate aspects of music, including melody, harmony, texture, rhythm, form, musical analysis, elementary composition and, to some extent, history and style. Musicianship skills such as dictation and other listening skills, sight-singing, and keyboard harmony are also an important part of the theory course.

Mythology This one-year course aims to discover the nature and function of mythology; the inherent symbolism found in mythology; the cultural context and implications derived from mythology; and finally the influence mythology has on contemporary life. The study of world mythology will provide opportunities for students to encounter, understand, and empathize with a host of different cultural perspectives by studying the values and beliefs that influence the historical choices that various

civilizations have made. In addition, students will be exposed to a variety of literary genres and come to recognize modern allusions to classical references.

Orchestra I, II, III, IV This class will consist of students who play string, woodwind, brass, and percussion instruments. The group will play intermediate to advanced levels of classical full orchestra literature. Class meets daily during "O" hour before school.

Painting I Painting is a two semester course designed for students who have successfully completed Drawing I and have a written teacher recommendation following a formal portfolio review. Students will create artworks that demonstrate an ability to apply knowledge of the elements of art and the principles of design in research, production, and criticism of visual art. Students are expected to use a broad variety of wet and dry media, techniques, and processes, and tools to create original, complex compositions that are more expressive, to demonstrate internalization of art foundations, and to solve more complex art problems throughout the creative process.

Painting II Painting II is designed for advanced painting students to create a body of meaningful artwork that demonstrates mastery of the elements of art and principles of design through the research, production, and criticism of contemporary visual art. Students are expected to apply prior knowledge of painting techniques in the use of a broad variety of media, processes, and tools to create original, complex compositions. Student work will be more independent and self directed than works produced in Painting, with the teacher primarily serving as the facilitator. Prerequisite: successful completion of Painting (I) and have a written teacher recommendation following a formal portfolio review.

Photography 1A – one semester Basic photography composition will be taught in this course as well as Photoshop editing skills. Emphasis will be placed on taking photos for school publications. Students **MUST** have their own cameras, either digital or film (disposable film cameras are fine). If film cameras are used, students are responsible for getting their negatives put on a CD (cost is approximately \$5 per assignment at Walgreens or Wal-Mart). No darkroom skills will be taught in the class.

AP Physics 1 This course is the equivalent to a first-semester college course in algebra-based physics. Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound are among the topics that will be covered. Electric circuits will be introduced. This course is intended for 9th - 12th grade students who have very strong math and reasoning skills.

AP Physics 2 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on, inquiry-based laboratory work as they explore concepts like systems, fields, force interactions, change, conservation, waves, and probability. Students should have already completed AP Physics 1 or AP Physics C: Mechanics in order to enroll.

AP Physics C: Mechanics Is the equivalent to a first-semester college course in calculus-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; oscillations and gravitation. This course is intended for 10th – 12th grade students who have completed or are concurrently taking Calculus AB. Completion of AP Physics 1 is recommended, but not required.

AP Physics C: Electricity and Magnetism Is the equivalent to a second-semester college course in calculus-based physics. The course covers electrostatics; conductors, capacitors and dielectrics; electric circuits; magnetic fields; and electromagnetism. This course is intended for 11th – 12th grade students who have completed AP Physics C: Mechanics.

Physics 1: Physics and Engineering - This project-based course teaches principles of physics through application of engineering skills. Computer-Aided Design, 3D Printing, data collection and design process skills will be developed as students explore Newtonian Mechanics, Heat, Fluid Dynamics, Optics and Electricity. This course is intended for 10^h-12^h grade students with strong motivation to learn new skills. Students will be required to complete a semester-long Engineering project.

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, trig identities, trig functions, right triangles and polynomial equations, exponential and logarithmic functions, and discrete mathematics.

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 Calculus AP.

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 most important attitudinal goal is a curiosity about the human behavior and a curiosity about an appreciation of the extent to which scientific methods can be applied to problems of human behavior.

Psychology AP This is a full year course that is outlined by the College Board. Students are introduced to the systemic and scientific study of the behavior and mental processes of human beings and other animals. In this course, students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students also learn about the methods psychologists use in their field.

Quantitative Literacy is a two-semester course that builds on Algebra I to explore mathematical topics and relationships. Emphasis will be placed on applying modeling as the process of choosing and using appropriate mathematics and statistics to analyze, to better understand, and to improve mathematical understanding in real world situations. Students will represent and process their reasoning and conclusions numerically, graphically, symbolically, and verbally. Quantitative Literacy will help students develop conceptual understanding by supporting them in making connections between concepts and applying previously learned material to new contexts. Students will be expected to use technology, including graphing calculators, computers, or data gathering tools throughout the course.

ROTC Each year program is actually comprised of two courses taught by two instructors, one teaching Aerospace Science and the other teaching Leadership Education. Both subjects comprise one year of the program.

ROTC I Aerospace Science topic is "*Milestones in Aviation History*" and deals with the historical development of flight and the role of the military in history. Leadership Education is an introduction to the Air Force JROTC with studies relating directly to the Aerospace Science subject material, with study habits and time management. Additionally, wear of the uniform, Air Force customs and courtesies, and basic drill skills are introduced.

ROTC II Aerospace Science topic is "The Science of Flight" and acquaints the student with the aerospace environment, the human requirements of flight, principles of aircraft flight, and principles of navigation. Leadership Education focuses on intercommunication skills and cadet corps activities. Written reports and speeches compliment academic materials. Students will: comprehend the concepts of effective communication, know himself/herself in relation to others and

the society in which we live, comprehend how teams work and that leadership is a very complex art that is essential to the success of the mission.

ROTC III Aerospace Science topic, “The Exploration of Space,” is a science course, which examines our Earth, the moon and the planets, the latest advances in space technology, and continuing challenges of space and manned spaceflight. Leadership Education focuses on life skills. This course is helpful to students deciding which path to take after high school. Information on applying to college, to a vocational or technical school, military careers and how to begin the job search are taught.

ROTC IV The fourth year curriculum is unique from the others. The Senior Aerospace Science Instructor may choose which option to incorporate for the year. Options offered are: 1) management of the Cadet Corps: The cadets manage the entire corps during the fourth year. This hands-on experience affords the cadets the opportunity to put the theories of previous leadership courses into practice. All the planning, organizing, coordinating, directing, controlling, and decision-making, will be done by the cadets, 2) Survival: Survive and Return: Students will learn survival medicine procedures, clothing, and shelters that can provide personal protection in a survival situation, 3) Leadership Education IV: Four areas are emphasized, management techniques, management decisions, management functions, and managing self and others, and 4) Aerospace Science IV: Leadership: This course is available only to select seniors currently enrolled in the regular Aerospace Science IV course. These selected cadets will assist the instructors in managing the various classes as Flight Commanders.

Sociology is a one semester course and is often paired with psychology. 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. The major objective of sociology is to develop the skills of the students to think objectively of society, to reason clearly about the society and to become personally concerned with the tasks of building a better America for their futures.

Spanish I The first-year program provides the beginning student with the basic tools with which to express him/her 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 the Hispanic culture as well as lead them to an objective understanding of their own culture.

Spanish II Spanish II is a continuation of Spanish I. Stress is placed on listening and speaking skills, including correct pronunciation; more sophisticated grammar is added, and the acquisition of a comprehensive vocabulary is emphasized. Although this course is oriented towards developing conversational ability, students will also continue to develop their reading and writing skills in Spanish. The topics studied will be of a practical nature, such as school, home and leisure activities, sports, traveling, shopping, clothing, childhood and health. Cultural awareness continues to be an important part of this course. The course requires daily homework, class participation, oral and written quizzes and tests and various projects for cultural enrichment.

Spanish III Spanish III is a reinforcement of the instruction that occurs in Spanish I and II as well as continued development in skill building and the use of additional tenses such as the comprehensive past tenses and future tense. Communication skills include areas such as talking and writing about sports and daily routines, summer and winter activities and vacations, shopping and celebrations, city and country activities and hotel and restaurant communication. Hispanic culture and contemporary topics transition students into the AP series of study. (NOTE: May vary due to second semester changes.)

Spanish IV Pre-AP, Spanish V AP (Language) Three years of AP Spanish Language are offered: Levels 4, 5, and 6. These courses cover advanced Spanish reading, writing, listening and speaking. They encompass aural/oral skills, reading comprehension, grammar and composition in preparation for the AP Spanish Language Exam.

Spanish VI AP (Literature) Sixth year AP Spanish is a course that emphasizes speaking, writing, listening, comprehension and the acquisition and manipulation of advanced grammatical structures and vocabulary within a cultural context. Students will read selections from Spanish newspapers, magazines and other sources. Topics vary from machismo to art movements. Essay writing is concentrated in the second and third quarters. During the first semester, each student will teach the class about a topic of interest. Second semester each student will complete a project on a Spanish/Hispanic artist or work of art. Students who choose to may take the AP Spanish Language exam in May.

Stagecraft A A one-year course designed to acquaint students with all aspects of technical "behind the scenes" theatre. Equipment usage and stage safety, along with theatre history as well as a working knowledge of set construction, lighting, sound, props, costuming, makeup and publicity crew work is included. Students will maintain the stage in good repair and will assist with school productions, assemblies and community functions. After school production rehearsals may run 3-6 weeks [on average] of each semester and require the committed attendance of Running Crew volunteers. **This course requires teacher approval and Drama 1 prerequisite.**

Stage Management and Design This advanced course is designed to build upon the knowledge and skills developed in Stagecraft. The emphasis is on designing for and the management of the technical theatre crews established in the primary course. After school production rehearsals may run 3-6 weeks {on average} of each semester and require the committed attendance of Stage Manager/Designer volunteers. **This course requires teacher approval.**

Statistics is a fourth year course designed for students who have successfully completed Algebra II and expect to further their studies in business, social sciences, or education. Statistics may be taken before, in place of, or concurrently with other fourth-year mathematics courses. This course builds on CCSS knowledge of probability, randomness, and variability to provide students with an understanding of experimental design, estimation, hypothesis testing, and effective communication of experimental results. Statistical information collected and analyzed by students is used to investigate ways of collecting, displaying, and analyzing data. Teachers are responsible for including the eight Standards for Mathematical Practice found in the Common Core State Standards for Mathematics (CCSS-M).

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. It is a rigorous course involving all four main topics found in a first year college statistics courses: Exploring data, Sampling, Probability and Statistical inference. AP Statistics will include the concepts covered in regular statistics, but will be presented with a greater emphasis on analysis, synthesis, and evaluation. Additionally, statistical inference, used to test hypotheses and determine confidence intervals will be an ongoing focus. Students in AP Statistics will be expected to take an Advanced Placement test in May of each year. The prerequisite is Algebra II completion, and Pre-Calculus completion is strongly recommended.

Street Law Street Law is a semester course that will look at the various aspects of the Criminal Justice system and the laws that surround it. It will include an intensive case study that looks at Supreme Court decisions that have impacted the United States. Additionally, the course will include the process for creating laws relevant to juvenile law, consumer protections laws and credit card laws. This course is targeted towards students who may be interested in the field of Criminal Justice, Political Science or those who may be interested in policing or legal systems.

Studio Art Drawing AP The Drawing Portfolio is designed to address a broad interpretation of drawing issues. For example, painting, printmaking, studies for sculpture, some forms of design and abstract and observational works would qualify as addressing drawing issues. (This portfolio will consist of 25 pieces submitted as slides and five actual works). Prerequisites should be Introduction to Art or Drawing One, Graphic Design or Art Design. A portfolio review with the AP teacher before registering for this class is suggested (Junior or senior level class).

Studio Art 2-D AP The AP Studio Art 2-D Design Portfolio is a college-level class that involves purposeful decision-making about the elements and principles of art in an integrative way. This portfolio (a collection of 24 pieces submitted in slides and 5 actual pieces) is intended to address a very broad interpretation of design issues. You are asked to demonstrate a conscious and deliberate application of design issues using a variety of forms. This may include but not limited to collage, photography, fabric design, weaving, illustration, painting, printmaking, drawing, etc. Drawing ability is extremely important. Prerequisites should be Painting, Drawing II or Art Design. A portfolio review with the AP teacher before registering for this class is suggested.

Studio Art 3-D AP The AP Studio Art 3-D Design Portfolio is a college-level class that intended to address a broad interpretation of sculptural issues in depth and space. (This portfolio will consist of 25 pieces submitted as slides). These may include mass, volume, form, plane, light, and texture. Examples of approaches include traditional sculpture, architectural models, ceramics, jewelry, three-dimensional fiber arts or metal work, among others. Although sculpture is involved, drawing is extremely important. Prerequisites should be Introduction to Art or Drawing One, Graphic Design or Art Design. A portfolio review with the AP teacher before registering for this class is suggested.

Survey of Business 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.

Three D Design This course is designed for advanced students interested in the study of sculptural and three-dimensional design. The course will include a variety of sculptural and design techniques. Prerequisite for this course is Art-Design.

United States Government and Politics AP Topics addressed include Constitutional underpinnings of US Government, the institutions of government, making public policy, civil rights and civil liberties. Suggested prerequisites for this course include: Pre-AP Civics/AP US History.

UNITED STATES HISTORY - United States History focuses on the effects of changing culture, technology, world economy, and environment, as well as the impact of global conflicts on contemporary society in the United States. The desired outcome of this course is for students to develop an understanding of the cause-and-effect relationship between past and present events, recognize patterns of interactions, and understand the impact of events in the United States within an interconnected world. United States History examines the emergence of the United States as a world power to the present. Students will examine the political, economic, geographic, social, and cultural development of the United States of America from the late nineteenth century into the twenty-first century.

UNITED STATES HISTORY AP- U.S. History is a challenging course that is meant to be the equivalent of a freshman college course and can earn student's college credit. It is a two (2) semester survey of American History from the age of exploration and discovery to the present. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study, are necessary to succeed. Emphasis is placed on critical and evaluative thinking skills, essay writing, interpretation of original documents, and historiography. For weighted credit to be

awarded, students must take the AP exam in the spring and be enrolled in the course for the entire year.

Visual Art Appreciation is designed for the beginning art student. The student is introduced to a variety of art styles, techniques, and media through the study of art history and the production of artworks done in the classroom and at home. Instruction is done through lecture, demonstration, critique (oral and written), and examination.

World Geography deepens geographic reasoning, knowledge, and skills as students focus on spatial relationships, places, regions, and human systems. This course emphasizes the interaction of humans and their physical and cultural environments.

WORLD HISTORY – The purpose of this course is to develop greater understanding of the world through the study of its history – the story of its people. It emphasizes the evolution of global processes and contacts in different types of human societies from the prehistoric period to the modern time. Besides the study of factual events in chronological order, this course also provides an opportunity for students to develop various skills required in the study of humanities, such as examining primary sources, thematic approach, and interpretation of data, among others.

WORLD HISTORY PAP – This course includes the same content as World History with a more rigorous approach.

WORLD HISTORY AP– The AP World History course offers motivated students an opportunity to learn the processes that have resulted in increasing interactions among the world societies. It is a part of cooperative endeavor by high schools, colleges and the College Board to provide highly motivated students to earn college credit during their high school years. Students enrolling in this course should be aware that AP classes are taught and graded at the college level, and they significantly exceed the demands and expectations for other regular and Pre-AP courses. For weighted credit to be awarded, students must take the AP exam in the spring.