



GREENBRIER
PUBLIC SCHOOLS

Greenbrier High School
Course Catalog
2019-2020

Mission Statement:

The mission of Greenbrier High School is to provide each student with a world-class education in a secure and supportive environment that encourages motivation, responsibility, and individual growth through positive teaching and learning experiences. The Greenbrier High School team, in cooperation with parents and community, will assist students in developing the desire and skills necessary to thrive as life-long learners who are independent and productive individuals in a global technological society.

PANTHER P.R.I.D.E.!

**P – Promoting Proficiency,
R – Responsibility, and
I – Integrity Through a
D – Data-Driven, Differentiated
E – Empowering Education**

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Agricultural Education

Survey of Agricultural Systems

Grade Level: 10-12

Prerequisite: None

1 year – 1 credit

Survey of Agricultural Systems in a foundation course for all agricultural programs of study. Topics covered include general agriculture, FFA, leadership, supervised agricultural experiences, animal systems, plant systems, agribusiness systems, food products and processing systems, biotechnology, natural resources systems, environmental service systems and power, structural and technical systems.

Animal Science

Grade Level: 10-12

Prerequisite: None

1 year – 1 credit

The Animal Science course encompassed the study of animal systems, including content areas such as life processes, health, nutrition, genetics, management and processing, as applied to small animals, aquaculture, exotic animals, livestock, dairy, horses and/or poultry.

Agricultural Electricity

Grade Level: 10-12

Prerequisite: None

½ year – ½ credit

Students will cover electrical terms, careers, sources, tools, and practical wiring. Students will learn to read plans and wire according to plan. They will use hands-on activities and safety will be stressed.

Nursery Landscape Design

Grade Level: 10-12

Prerequisite: None

½ year – ½ credit

This course covers the production of plants, shrubs, and ornamental trees for transplanting to landscape designs. Propagation, designing plans, installation, maintenance, transportation and careers are included in the curriculum.

Floriculture

Grade Level: 10-12

Prerequisite: None

½ year – ½ credit

This course covers the principles of design, merchandising, careers, selection, storage, supplies, management, practices, ownership and employment in floriculture industry.

Plant Science

Grade Level: 10-12

Prerequisite: None

1 year – 1 credit

The Plant Science course encompasses the study of plant life cycles, classifications, functions, structures, reproduction, media and nutrients, as well as growth and cultural practices through the study of crops, turf grass, trees, shrubs, and/or ornamental plants.

Leadership and Communications (Honors)

Grade Level: 10-12

Prerequisite: None

½ year – ½ credit

This course includes public speaking, parliamentary procedure, organization, delegation, oral communication, conflict resolution, business etiquette and community service are major topics to assist students in development of their leadership skills for the future. Opportunities are provided for students to participate in FFA and supervised agricultural experience activities.

Agribusiness Management (Honors)

Grade Level: 10-12

Prerequisite: None

1 year – 1 credit

The Agribusiness Management course encompasses the study of agribusiness and their management including, but not limited to, record keeping, budget management (cash and credit), business planning, and sales and marketing.

Veterinary Science (Honors)

Grade Level: 10-12

Prerequisite: None

½ year – ½ credit

This course will provide the student with a sound platform to master the knowledge and skills necessary to become a veterinary assistant. It will also prepare the student to pursue a rewarding career as part of the professional veterinarian team. It will also equip the next generation of veterinarians and veterinarian assistants with the new technological tools that reinforce our industry's expectations. Finally, it provides academic knowledge, higher order reasoning and problem solving skills, work attitudes, general employability skills, technical skills and occupational skills.

Agriculture Mechanics

Grade Level: 10-12

Prerequisite: None

1 year – 1 credit

The Agricultural Mechanics course encompasses the study of agricultural equipment, power systems and precision technology, as well as wood working, metal working, welding and project planning for agricultural structures.

Agricultural Structural Systems

Grade Level: 11-12

Prerequisite: Ag Science and Technology and Ag Mechanics 1 year – 1 credit

Students will be introduced to basic practices used in farm building and construction of facilities for the farm. A more in-depth look will be given to the technical areas of the agriculture structural industry. Topics will include FFA, SAE's, safety, planning, tools, basic construction, surveying, concrete and masonry structures, basic carpentry, plumbing, electricity, metal fabrication, and painting and finishing.

Agriculture Metals

Grade Level: 11-12

**Prerequisite: Ag Science and Technology
Ag Mechanics and Ag Structures**

1 year – 1 credit

This course covers safety, technical information, tool fitting, sheet metal, hot and cold metal work, as well as an introduction to oxy acetylene welding and cutting and arc welding. It will also cover cold metal, hot metal, fabrication concepts, reading and implementing blueprints as they relate to metal work, arc welding, gas welding, MIG welding, TIG welding, plasma cutting, and careers related to metal work. Safety and practices and performance skills will be emphasized in each area.

Agricultural Forestry

Grade Level: 10-12

Prerequisite: None

½ year – ½ credit

Students completing this course of study will demonstrate competence in the application of principles and techniques for the planning, development, application and management of forestry systems in Agriculture, Food & Natural Resource settings. This course provides an overview of the forest industry and its importance to the economy of the nation. Tree identification, management practices, harvesting and marketing processes, and business applications are major topics. GPS and GIS are included.

Agricultural Equine Science

Grade Level: 10-12

Prerequisite: None

½ year – ½ credit

Students completing this course of study will demonstrate competence in the application of principles and techniques for the planning development, application and management of equine science systems in Agriculture, Food & Natural Resource settings. This course allows for an in-depth look at the equine industry while providing hands on laboratories and opportunities in FFA and supervised agricultural experiences.

Beef Science

Grade Level: 10-12

Prerequisite: None

½ year – ½ credit

This course allows for an in-depth look at the beef science industry while providing hands on laboratories and opportunities to participate in FFA and Supervised agricultural experiences.

Business Education

Computerized Business Applications (Concurrent Credit)

Grade Level: 9-12

Prerequisite: None

1 year – 1 credit

Computerized Business Applications is a 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, telecommunications, presentation, and web page design.

UALR Course #CPSC 1310

Title – Computer Literacy

Fee TBA 3 credit hours

Personal Finance (Concurrent Credit)

Grade Level: 10-12

Prerequisite: None

½ year – ½ credit

This is a one semester course designed to increase financial literacy and prepare students to successfully manage financial resources. This course also focuses on the individual's role and financial responsibilities as a student, citizen, consumer, and active participant in the business world. Emphasis is also placed on activities and competitions within career technical student organizations. (FBLA, FCCLA, and DECA)

UALR Course #FINC 2300

Title-Personal Finance

Fee TBA

3 credit hours

Securities, Investments, Risk and Insurance

Grade Level: 10-12

Prerequisite: None

1 year – 1 credit

This course is designed to teach the basics of investing. Topics include investing in stocks, bonds, mutual funds, and real estate; the relationship between risk and return; saving money in using different financial instruments; retirement planning using Individual Retirement Accounts, 401K and 403b accounts and annuities; estate planning; and using insurance to plan for risk management.

Social Media and Communications

Grade Level: 10-12

Prerequisite: Computer Applications

1 year – 1 credit

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 social media and viral marketing campaigns, participate in video conferencing, cloud-based collaboration, and learn and practice other workplace related communication technologies and channels. Students will apply verbal and nonverbal communication skills related to both spoken and written 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. Student 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 informational business communications and viral marketing campaigns.

Computerized Accounting I

Grade Level: 10-12

Prerequisites: Computer Applications

1 year – 1 credit

Computerized Accounting I is a course with emphasis on basic accounting principles as they relate to both manual and computerized financial systems. Instruction is on an integrated basis using computers and electronic calculators as the relationships and processes of manual and computerized accounting are presented. Entry-level skills in the accounting occupations can be attained. Simulations are utilized to provide students with real-life work situations.

Computerized Accounting II (Honors)

Grade Level: 11-12

Prerequisite: Computer Applications & Accounting I

1 year – 1 credit

Computerized Accounting II is a course designed to provide students with the knowledge, understanding, and skill necessary for successful careers in accounting. Partnership as well as departmental, corporate, and cost accounting systems are components of the course. Emphasis is given to the computerized/automated functions in accounting. Simulations are utilized to provide students with real-life work situations.

Entrepreneurship (Honors) (Concurrent Credit)

Grade Level: 11-12

Prerequisite: Computer Applications & Accounting I

1 year – 1 credit

Entrepreneurship is a one year course designed to offer an overview of the American business enterprise system. 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; risk management; the use of technology; legal, ethical, and social obligation of business; savings and investments; taxes and government.

UALR Course #MGMT 1300

Title – Intro to Business

Fee TBA

3 credit hours

Medical Office Management

Grade Level: 11-12

Prerequisite: None

1 year – 1 credit

This course is designed to teach students concepts and skills that will be applied in the management and administration of a medical office. This course will focus on careers in the medical office environment, office management skills, patient billing and collections, patient/client service skills, ethics, medical terminology, and health information management.

Environmental and Spatial Technology (EAST)

Environmental and Spatial Technology Laboratory (EAST I, II, III and IV)

Grade Level: 10-12

Prerequisite: None

1 year – 1 credit

Note: EAST III and EAST IV (Honors)

Environmental and Spatial Technology (EAST) Lab is a course in which students use state of the art computer hardware and software. The goal of this class is to promote critical thinking and problem solving skills with students using self-directed learning to create projects that benefit the school or community. Unlike more traditional courses that seek to promote these skills, this course hopes to do so in a more “real world” context, both by using the high-tech tools of the business and professional world and through project and service based learning. GHS expects both the school and the community to benefit from EAST projects.

Family and Consumer Sciences

Family and Consumer Sciences

Grade Level: 10-12

Prerequisites: None

1 year – 1 credit

Family and Consumer Sciences course is designed to provide students with basic information and skills needed to function effectively in the family and the workforce, within a complex and changing society. Emphasis is given to the development of competencies related to Family, Career, and Community Leaders of America; individual and family relationships, healthy lifestyle choices; housing and interior design; garment care, selection and construction; the physical, emotional, social and intellectual development of children; nutrition, meal planning, food preparation and food service; home management, money management. Upon completion of this course, the student should have developed skills that promote a positive influence on the quality of life.

Child Development & Parenting

Grade Level: 10-12

Prerequisite: None

1 year – 1 credit

Child 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. Parenting is designed to assist students in developing and understanding the parenting process and of parenting skills. Competencies developed in this course will be useful to anyone who lives with, associates with, or works with children. Emphasis in the course is given to the development of competencies related to the parenthood decision, costs of having and raising a child, the promotion of child growth and development, effects of heredity and environment on development, rights and responsibilities of parents and children, providing nurturance, guidance techniques for promoting positive behavior, prevention of child abuse and neglect, promoting health and safety of children, caring for the sick or injured child, parenting a “special needs” child, helping children cope with crises, choosing professionals to help with parenting problems, selection of child-care services, jobs and careers in child and family services.

Human Relations

Grade Level: 10-12

Prerequisite: None

½ year – ½ credit

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, 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.

Leadership and Service Learning

Grade Level: 10-12

Prerequisite: None

½ year – ½ credit

Leadership and Service Learning emphasizes the importance of leadership skills, volunteerism, and professionalism in the development of personal qualities. This course focuses on the benefits of community service, leadership roles and civic responsibilities. Course projects and activities incorporate and reinforce academic skills such as math and science. Students are encouraged to explore area of critical and creative thinking, responsibility, and cultural awareness as they related to character development. Current technology is used to enhance communication skills and promote professionalism.

Child Care and Guidance, Management, and Services

Grade Level: 10-12

Prerequisite: None

1 year – 1 credit

Experiences in the course are designed to provide students with information and experiences in the occupational field of child care guidance, management and services. Employment opportunities include child care and guidance, foster care, family day care, and teacher assistants. Emphasis in this course is given to development of competencies related to FCCLA, employability, understanding the child care profession, child development, health and safety of children, guiding children's behavior, guiding special needs children, planning and management of a child care program and facility, and the effect of technology in child care and guidance management and services. Upon successful completion of this course, student will receive state certification as a child care teacher, child care assistant, or child care aide. The level of certification depends on the number of FACS courses taken in the child care program of study. A minimum of 40 hours hands-on laboratory experience in a child care facility is also required for certification. This course will help interested students pursue the Child Development Associate Credential (CDA).

Orientation to Teaching I

Grade Level: 10-12

Prerequisite: None

1 year – 1 credit

This is a one year course designed to provide students with information and experiences in the field of education. Students will plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and experience other responsibilities of classroom teachers. Students are involved in observations as well as direct student instruction; placement rotations are utilized to allow students to have experiences in various education career roles, grade levels, and ability groups. Upon completion of the course, students should have identified areas of special interest that may be pursued further, have a better understanding of the teaching profession, and have enhanced employability skills which will be of benefit regardless of the occupation or career in which employed.

Orientation to Teaching II (Honors) (Concurrent Credit)

Grade Level: 11-12

Prerequisite: Orientation to Teaching I 1 year – 1 credit

This is a course designed to integrate psychological, sociological, and philosophical foundations which prepare students for positive field experiences. This course encourages prospective teachers to become responsible, professional, and ethical as they explore the teaching profession. The students will research and examine foundations within the educational system. Upon completion of this course, a student should have a working knowledge of and employability skills for the education profession. The student will have the opportunity to obtain the paraprofessional certification.

UALR Course #TCED 1100

Title – Intro to Teaching & Learning

Fee TBA

2 credit hours

Food Safety and Nutrition

Grade Level: 10-12

Prerequisite: None

1 year – 1 credit

This course focuses on the development of essential food safety practices needed to select, receive, store, prepare, and serve food, as well as the skills needed to select food which meets nutritional needs of individuals and families. Students will learn to create and implement an environment of food safety procedures based on the latest FDA Food Code and local regulations. Emphasis is given to the development of competencies related to nutrition, weight control, the food consumer, and the effect of technology on food and nutrition. With completion of this course, students should be able to apply sound sanitation practices, and to apply sound nutritional practices which will have a positive effect on their health. Skills learned are applicable to the National Restaurant Association, ServSafe Certification.

Fine Arts

Art I

Grade Level: 10-12

Prerequisite: None

1 year – 1 credit

The basic introductory course gives the student a broad scope of the visual arts, the cultural heritage of art, and careers and vocations in art. As in all areas of the visual arts, emphasis is on basic design and composition, development of technical skills in a variety of media, vocabulary, and problem solving. The art students are encouraged to compete in various art exhibits and competitions.

Art II

Grade Level: 10-12

Prerequisite: Art I

1 year – 1 credit

Art II students shall further expand their knowledge of the elements of art and principles of design through the research, production, and criticism of visual art. Students are expected to use a broad variety of media, techniques, processes, and tools to create original, complex compositions that reflect personal growth, solve visual art problems, and communicate ideas. Students will critique artwork and reflect on the impact of art upon society as well as social influences on art. Students will exhibit artwork and will assemble portfolios that reflect personal growth and demonstrate successful completion of Art II.

Art III

Grade Level: 10-12

Prerequisite: Art I and Art II

1 year – 1 credit

Art III students will create artworks that demonstrate increasing ability to apply knowledge of the elements of art and principles of design in the research, production, and criticism of visual art. Students are expected to use a broad variety of media, techniques, 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. Students will critique artwork to gain a deeper understanding of the impact of art upon society as well as social influences on art. Students will exhibit artwork and will assemble portfolios that reflect a personal growth across a breadth of media, demonstrating successful completion of Art III.

Art IV

Grade Level 10-12

Prerequisite: Art I, II, & III

1 year – 1 credit

Art IV students will create a body of meaningful artwork that demonstrates mastery of the elements of art and principles of design through research, production, and criticism of visual art. Students are expected to use a broad variety of media, techniques, processes, and tools to create original, complex compositions. Student compositions will reflect complex problem solving skills, higher order thinking, risk taking, and innovation throughout the creative process. Student work will be more independent and self-directed, with the teacher primarily serving as facilitator. Artwork will reflect a personal visual voice and will encompass a breadth of composition. Students will critique artwork to a degree that an understanding of the interdependence between art and society is demonstrated. Students will exhibit artwork and assemble portfolios that reflect personal growth across a breadth of media and subject matter, demonstrating successful completion of Art IV student learning expectations.

Advanced Placement Studio Art (Honors)

Grade Level: 11-12

Prerequisite: Art I, II & III

1 year – 1 credit

AP Studio Art is designed for students willing to accept the challenge of a rigorous academic curriculum. The program demands significant commitment. This class is for highly motivated students who are seriously interested in the study of art. Students will need to work outside the classroom, as well as in it, and beyond scheduled periods. Homework, such as maintaining a sketchbook or a journal, is a necessary component of instruction. AP Studio Art is offered in 2-D Design, 3-D Design, and Drawing Portfolios. Portfolios of approximately 24 high quality works of art are submitted and evaluated at the end of the school year by The College Board.

Introduction to Theater (this course does NOT meet the Fine Art requirement for graduation)

Grade Level: 10-12

½ year – ½ credit

Introduction to Theater is a beginning course for the student interested in theater art. During this full year course, students will be exposed to basic principles of production. Development of performance skills includes study in the area of basic acting, mime, pantomime, improvisation, and voice improvement. Study of the performer's craft includes activities in sensory imagination, characterization, stage presence, working with other actors, and working with a script. Interpretation is principally concerned with learning to communicate the ideas and feelings of the author of dramatic literature, narrative literature, and poetry. A unit on stagecraft exposes the student to the actor's use of costume, makeup, props, and the technical elements of play production.

Theater I, Theater II, and Theater III

Grade Level: 10-12

Prerequisite: None

1 year – 1 credit

Theatre I is a two-semester course in which students learn and demonstrate mastery of theatre academic and performance skills. Theatre II and III are two-semester courses which expand the knowledge and performance base of Theatre I. At the Theatre I level, students will explore theatre fundamentals, analyze and interpret scripts, evaluate artistic work, and use those evaluations to deepen the meaning of their work. In Theatre II and III students will focus on the practical application of skills developed in Theatre I. Students will take on more complex projects and may begin to develop directorial skills. Ultimately, students will make artistic decisions using multiple forms of inspiration, particularly focusing on social, cultural, and historical context. Theatre I contains an introduction to stagecraft skills. Theatre II and III do not develop these stagecraft skills, but the teacher may choose to draw student learning expectations from the Stagecraft I-III Curriculum Framework. Theatre I fulfills the one-half credit fine arts required for graduation. Arkansas Department of Education approval is not required for Theatre I, Theatre II, and Theatre III.

Stagecraft I, Stagecraft II, and Stagecraft III

Grade Level: 10-12

Prerequisite: None

1 year – 1 credit

Stagecraft I is a two-semester course which provides students with both exposure to and experience in all elements of technical theatre, including scenery, props, lighting, sound, costume, and makeup. The four strands emphasize creating, performing/presenting, responding and connecting. In Creating, students generate ideas and original tangible works. In Performing and Presenting, students perform tasks associated with technical theatre and present their work to others. Through Responding, students examine works already created by themselves, their peers, or others to analyze the artistic merit and refine work. Through Connecting, students discover connections between theatrical works and historical, societal, and cultural context. Stagecraft I contains foundational elements of theatre that are not developed in Stagecraft II and III, but the teacher may choose to draw student learning expectations from the Drama II-III Curriculum Framework. Stagecraft II is a two-semester course which allows students to advance their skills in all elements of technical theatre through practical experience, with new instruction in design. Stagecraft III is a two-semester course which allows students to deepen their understanding and advance their skills in specialized elements of technical theatre, which could include scenery, props, lighting, sound, costume, and/or makeup. Stagecraft I fulfills the one-half unit of fine arts credit required for graduation. Arkansas Department of Education approval is not required for Stagecraft I, Stagecraft II, or Stagecraft III.

Theater Appreciation

Grade Level: 10-12

Prerequisite: None

½ year – ½ credit

This course provides a study of the art, craft, and business of the theater. Emphasis is placed on the audience's appreciation of the work of the playwright, director, actor, designer, producer, and critic. Upon completion, students should be able to demonstrate a vocabulary of the theater terms and to recognize the contributions of various theater artists.

Instrumental Music (Band)

Grade Level: 10-12 Prerequisite: 3 years of junior band or Audition

1 year – 1 credit

The high school band program consists of a marching band and concert band. The marching band performs at the Faulkner County Fair Parade, Greenbrier Christmas Parade, various community events, pep rallies, selected home basketball games, and at all high school football games. The marching band competes in three marching competitions and hosts the Greenbrier Invitational Marching Contest held in October. The concert band performs a Christmas Concert, Spring Concert, and at Regional and State Festivals. There is also opportunity for the students to compete on an individual basis at Regional and State levels through All-Region and All-State tryouts and Solo and Ensemble contests.

This three year program designed for students in grades 10-12 focuses on instrumental music at an advanced level. Areas of instruction include marching band, concert band, sectionals, and individual instruction. Students advance in the musical ability, learn self-discipline, and the art of working with a large group toward common goals. Students also have several opportunities to work toward their own personal musical goals and to gain recognition for their achievements through regional and state level band tryouts. In addition, they may compete at regional and state level solo and ensemble contests. Students are expected to bear the cost of maintaining their personal instrument, while the band department pays for routine maintenance on school-owned instruments. If a school-owned instrument is damaged or destroyed through negligence or carelessness on the student's part, that student will be held financially responsible for repair or replacement costs. All concerts, rehearsals, basketball/football game performances, and competitions are required and are part of the student's grade.

Music Appreciation (Concurrent Credit)

Grade Level: 10-12

Prerequisite: None

½ year – ½ credit

The intent of this course is to develop a solid understanding of the fundamentals of music and basic concepts of music history. Each student will possess a better knowledge of different style periods and gain an appreciation for all forms of music. The student will be able to demonstrate recognition of important instruments, composers and styles.

UALR Course #MUHL 2305

Title – Introduction to Music

Fee TBA

3 credit hours

AP Music Theory (Honors) (Concurrent Credit)

Grade Level: 10-12

Prerequisite: None

1 year – 1 credit

Recommend: Student should have some background in music and be able to read music written in 1 clef.

The AP Music Theory Exam is intended for secondary school students who have completed music studies comparable to a first-year college course in music theory. The ultimate goal of an AP Music Theory course is to develop a student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a score. The course instills mastery of music in the following areas: notation, intervals, scales and keys, chords, metric organization, rhythmic patterns, standard rhythms and meters, phrase structure, small forms (e.g. rounded binary, simple ternary, theme and variation, strophic) Student will be required to read, notate, compose, perform, and listen to music. Throughout the course, students will listen to music works attentively and analytically developing their "music memory" and their ability to articulate responses to formal, stylistic, and aesthetic qualities of work.

UALR Course #MUHL 1381

Title – Introduction to Theory

Fee TBA

3 credit hours

Vocal Music I, II, III, IV (Choir)

Grade Level: 10-12

Prerequisite: None

1 year – 1 credit

Vocal music classes are offered in two sections: Chamber Singers and Mixed chorus.

Chamber Choir is an auditioned group of 18-24 singers that serves as a flagship vocal ensemble for the high school. Mixed Chorus class is an open enrollment course and requires no audition. All groups are combined to form a large concert choir for concert and contest performance. All vocal music classes are designed to be an extension and enrichment of prior learning at the junior high level. The course focuses on voice development, ensemble singing, music reading/theory/musicianship, foreign music and cultures, and performance practice. All sections of vocal music will present concerts and will compete at regional and state Choral Performance assessments when applicable. These classes stress the learning of music as a lifetime skill for future enjoyment, and participation in higher educational and community settings. This course requires a 1 to 2 inch 3 ring binder. Music will be provided. Good attitude and behavior are a must for participation in vocal music. Failure to maintain either of these can result in a student being dismissed from the class.

Foreign Language

Spanish I

Grade Level: 10-12

Prerequisite: None

1 year – 1 credit

Students are taught to express themselves in writing for set situations. Students explore cultural topics because of the differences from their own culture. Upon completion of this course, students should be able to express themselves on a variety of topics in the present tense, understand key phrases in topical settings, recognize differences in cultural attitudes and beliefs, read aloud, keeping in mind the phonetic rules of the Spanish language.

Spanish II (Concurrent Credit)

Grade Level: 10-12

Prerequisite: Spanish I

1 year – 1 credit

Spanish II students will expand on their grammar to include the past tenses as well as the subjunctive mood. They will also learn various other grammar structures unique to Spanish. Upon completion of this course, student should be able to express themselves in writing on a variety of topics in the present and future tenses, read Spanish selections and respond to open ended questions about the reading.

UALR Course #SPAN 1311

Title – Elementary Spanish I

Fee TBA

3 credit hours

Spanish III (Honors) (Concurrent Credit)

Grade Level: 10-12

Prerequisite: Spanish I & II

1 year – 1 credit

Spanish III students will extend their study to the perfect tenses of verbs, as well as refining their use of the past tenses and subjunctive. Upon completion of this course, students should be able to function in a total immersion classroom, limit their use of English, converse and write on a variety of topics, read longer, higher level reading selections.

UALR Course #SPAN 1312

Title – Elementary Spanish II

Fee TBA

3 credit hours

Spanish IV (Honors) (Concurrent Credit)

Grade Level: 10-12

Prerequisite: Spanish I, II, & III

1 year – 1 credit

Spanish IV provides students the opportunity to further develop, improve and refine their listening, speaking, and reading and writing skills. Emphasis continues to be placed on aural skills with additional emphasis on reading and writing in the target language.

UALR Course #SPAN 2311

Title – Intermediate Spanish I

Fee TBA

3 credit hours

Language Arts

English 10

Grade Level: 10

Prerequisite: English 9

1 year – 1 credit

English 10 is a full year course designed to reiterate previous basic skills. Activities are designed to reinforce students' knowledge of grammar, vocabulary, literature, and writing. To improve writing and editing skills, emphasis is concentrated on sentence syntax, capitalization, punctuation, and sentence structure. Writing activities include persuasion, exposition, creative expression, and the personal essay. The study of literature includes a diversity of modern and classical selections from the areas of drama, short stories, poetry, nonfiction, and novels.

Pre-AP English 10

Grade Level: 10

Prerequisite: Pre-AP English 9 Recommended 1 year - 1 credit

Pre-Advanced Placement English 10 is a year-long course which provides more in-depth analysis of the skills taught in English 10. While basic skills are reinforced, the major focus is on higher level thinking skills. In addition to those skills taught in English 10, students in this course will, also, independently read and respond to several novels and other works to strengthen their knowledge of literature and writing skills.

English 11

Grade Level: 11

Prerequisite: English 10

1 year – 1 credit

English 11 is a full year course which concentrates on skills in vocabulary, grammar, composition, and American literature. The objective is to enhance composition skills. Students study all stages of the writing process, including free writing, personal journals, persuasion, narration, exposition, literary analysis, essay writing, and research. Selections in American literature from the Colonial era to the present broaden the students' understanding of trends in thought and style which parallel the development of American society and government.

English 12

Grade Level: 12

Prerequisite: English 11

1 year – 1 credit

English 12 is a full year course which emphasizes British Literature and the great works of British writers, as well as a limited selection of world masterpieces in literature. A review of grammar accentuates and enriches composition skills. Expressive writing, mastery of the structured essay, vocabulary activities, the Accelerated Reading program, and the research process complement the students' communication effectiveness.

Literacy Transitions

Grade Level: 10-11

Prerequisite: Teacher Recommendation

1 year – 1 credit

This class is designed to improve vocabulary, reading, reading comprehension, and written expression. It focuses on critical reading and writing strategies that will prepare a student for college and/or other courses across the curriculum. Differentiated instruction is an approach to teaching that targets students of all reading levels, different backgrounds, and cultural heritages, and encourages teachers to do whatever is necessary to help these students learn to their fullest potential. This class will help prepare the student for the End of Course Literacy Exam, as well as provide the reading and writing skills needed for success in other classes across the curriculum.

Mathematics

Geometry

Grade Level: 10-12

Prerequisite: Algebra I

1 year – 1 credit

Geometry is a course designed to use previous algebra knowledge and extend that to shapes, their proportions, and their relationships. A good understanding of geometry will help students recognize geometric aspects of the environment such as patterns, shapes, sizes, illusions, and similarities. It will also encourage logical thought. Upon completion of this course, the Arkansas End-of-Course Examination will be administered to students.

Bridge to Algebra II

Grade Level: 11-12 Prerequisites: Algebra I, Geometry, & Teacher Recommendation 1 year – 1 credit

Bridge to Algebra II is designed for students who have successfully completed Algebra I and Geometry. Bridge to Algebra II will build on a foundation of previously taught Algebra and Geometry concepts. The course is intended to reinforce linear concepts, master quadratics and exponential concepts through modeling functions and summarizing, representing, and interpreting data, and to introduce higher order concepts to prepare students for success in Algebra II.

Algebra II or Advanced Algebra II

Grade Level: 10-12

Prerequisite: Algebra I

1 year – 1 credit

This course both encompasses and extends topics and concepts of Algebra I and is a course requirement for graduation. Emphasis is given to the study of linear and quadratic functions, polynomials, roots and radical expressions, exponential functions, rational, irrational, and complex numbers, systems of linear equations and inequalities, conic sections, problem solving, matrices, and graphing. These topics are enhanced by the use of technology. The goals of this course are to develop proficiency with mathematical skills, to expand understanding of mathematical concepts, to provide students with calculator skills, and to improve logical thinking. **Advanced Algebra II is designed for students on the math fast track having had Algebra I in the 8th grade and Geometry in the 9th grade.**

Pre-AP Pre- Calculus (Honors) (Concurrent Credit)

Grade Level: 11-12 Prerequisites: Algebra I, Geometry, Algebra II/Adv. Algebra II 1 year – 1 credit

This course provides a thorough treatment of trigonometry with a judicious study of basic formulas. After the use of tables has been mastered, students use graphing calculators to emphasize the principles of trigonometry instead of computation. (The circular approach to trigonometric functions is used to introduce the trigonometric functions and their inverses followed by the right triangle approach.) Students will learn the basic trigonometric functions, solve and apply the trigonometric identities, solve problems using formulas, graph trigonometric functions, and use applications of vectors in trigonometry. Elementary Calculus and Advanced Algebra are the courses of study for the Advanced Math portion of the class. Students will be able to demonstrate an understanding of the real number system, work with complex numbers, find limits of series, sequences, and functions, use matrices and vectors to solve systems of equations, acquire facility in working with algebraic and polynomial functions, and work probability and statistics applications and polynomial functions.

UALR Course #MATH 1302	Title – College Algebra	Fee TBA	3 credit hours
UALR Course #MATH 1303	Title – Trigonometry	Fee TBA	3 credit hours

Quantitative Literacy

Grade Level: 11- 12 Prerequisites: Algebra I & Geometry 1 year – 1 credit

This course 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.

Computer Science Levels I, II, III, and IV

Grade Level: 10-12 Must be taken in order: I, II, III, and IV 1 year – 1 credit

The Arkansas Computer Science Standards for High School are designed to provide fundamental understandings of concepts in computer science that are necessary for students to function in an ever-changing technological world. Through these standards, students will explore, apply, and move toward mastery in skills and concepts related to Computational Thinking and Problem Solving. Data and Information; Algorithms and Programs; Computers and Communications; and Community, Global, and Ethical Impacts. These standards help students learn to accomplish tasks and solve problems independently and collaboratively. These standards give students the tools and skills needed to be successful in college and careers, whether in computer science or in other fields.

Advanced Computer Programming I & II

Grade Level: 10-12

1 year – 1 credit

The Arkansas Advanced Programming Course focuses on the skills necessary to design and develop reliable programs and software. Through these standards, students will explore, apply, and advance toward mastery of data structures and algorithms, data representation, algorithm design, and program efficiency. Students will accomplish tasks and solve problems independently and collaboratively with the tools and skills needed to be successful in college and careers. The Arkansas State Board of Education (SBE) does not place any pre-requisites on the Arkansas Computer Science High School Courses, but allows for schools to place students in any of the courses based on ability and desire. The Arkansas Department of Education (ADE) recommends that districts develop and formally adopt a written policy outlining placement protocols. Evaluation tools and placement criteria will be the responsibility of the local districts. Though there are no specific course prerequisites, students enrolling in Advanced Programming, Advanced Networking, or Advanced Information Security should understand and be able to apply the content/concepts found within the Arkansas Computer Science Courses Levels 1 - 4. The SBE and ADE authorizes schools to enroll students across levels and emphases in the same sections of the master schedule (a.k.a. stacking) as long as the number of students does not exceed Standards of Accreditation maximums and/or ratios, and the school can reasonably assure a high-quality educational experience for all students within that section.

Advanced Computer Networking I & II

Grade Level: 10-12

1 year – 1 credit

The Arkansas Advanced Networking course focuses on the skills necessary to design, develop, and maintain reliable and secure services, devices, and applications in various networked environments. Through these standards, students will explore, apply, and advance toward mastery of network analysis through troubleshooting, administration, and efficiency. Students will accomplish tasks and solve problems independently and collaboratively with the tools and skills needed to be successful in college and careers. The Arkansas State Board of Education (SBE) does not place any pre-requisites on the Arkansas Computer Science High School Courses, but allows for schools to place students in any of the courses based on ability and desire. The Arkansas Department of Education (ADE) recommends that districts develop and formally adopt a written policy outlining placement protocols. Evaluation tools and placement criteria will be the responsibility of the local districts. Though there are no specific course prerequisites, students enrolling in Advanced Programming, Advanced Networking, or Advanced Information Security should understand and be able to apply the content/concepts found within the Arkansas Computer Science Courses Levels 1 - 4. The SBE and ADE authorizes schools to enroll students across levels and emphases in the same sections of the master schedule (a.k.a. stacking) as long as the number of students does not exceed Standards of Accreditation maximums and/or ratios, and the school can reasonably assure a high-quality educational experience for all students within that section.

Advanced Computer Information Security I & II

Grade Level: 10-12

1 year – 1 credit

The Arkansas Advanced Information Security Standards focus on the skills necessary to identify, understand, and analyze threats to the digital and physical security of systems. Through these standards, students will explore, apply, and advance toward mastery of the design and implementation of security protocols and policies. Students will ensure system and data integrity through troubleshooting, administration, auditing, and efficiency. Students will accomplish tasks and solve problems independently and collaboratively with the tools and skills needed to be successful in college and careers. The Arkansas State Board of Education (SBE) does not place any pre-requisites on the Arkansas Computer Science High School Courses, but allows for schools to place students in any of the courses based on ability and desire. The Arkansas Department of Education (ADE) recommends that districts develop and formally adopt a written policy outlining placement protocols. Evaluation tools and placement criteria will be the responsibility of the local districts. Though there are no specific course prerequisites, students enrolling in Advanced Programming, Advanced Networking, or Advanced Information Security should understand and be able to apply the content/concepts found within the Arkansas Computer Science Courses Levels 1 - 4. The SBE and ADE authorizes schools to enroll students across levels and emphases in the same sections of the master schedule (a.k.a. stacking) as long as the number of students does not exceed Standards of Accreditation maximums and/or ratios, and the school can reasonably assure a high-quality educational experience for all students within that section.

AP Computer Science (Honors)

Grade Level: 11-12

Prerequisites: Suggested Computer Science I & II 1 year – 1 credit

The AP Computer Science course is an introductory course in computer science. The major theme of the course is problem solving. Students should be able to design, implement, and analyze solutions to problems, use and implement commonly used algorithms, use standard data structures, develop and select appropriate algorithms and data structures to solve new problems, write solutions fluently in an object-oriented paradigm, write, run, test, and debug solutions in the Java programming language, utilizing standard Java library classes and interfaces from the AP Java subject, read and understand programs consisting of several classes and interacting objects, read and understand a description of the design and development process leading to such a program, understand the ethical and social implications of computer use.

AP Statistics (Honors) (Concurrent Credit)

Grade Level: 11-12

Prerequisites: Algebra I, Geometry, & Algebra II 1 year – 1 credit

AP Statistics is designed as a course both to prepare students to take the AP Statistics test and also to prepare them for future statistics courses which they may encounter in college. The student will be using a college/high school AP text. We will explore ways to collect, organize, summarize, analyze, and draw conclusions for numerical data. In alignment with the AP course guidelines, this course is more of a conceptual course, rather than a “number crunching” course.

UALR Course #STAT 2350

Title – Introduction to Statistics

Fee TBA

3 credit hours

AP Calculus AB/BC (Honors) (Concurrent Credit)

Grade Level: 11-12 Prerequisites: Algebra I, Geometry, Algebra II, PAP Pre-Calculus 1 year – 1 credit

Student must take Pre-AP Pre-Calculus to receive concurrent credit for AP Calculus.

AP Calculus AB is structured around three big ideas: limits, derivatives, and integrals, and the Fundamental Theorem of Calculus. AP Calculus BC explores these ideas in additional contexts and also adds the big idea of series. In both courses, the concept of limits is foundational; the understanding of this fundamental tool leads to the development of more advanced tools and concepts that prepare students to grasp the Fundamental Theorem of Calculus, a central idea of AP Calculus

AB = UALR Course #MATH 1451	Title – Calculus I	Fee TBA	4 credit hours
BC = UALR Course #MATH 1451	Title – Calculus I	Fee TBA	4 credit hours
BC = UALR Course #Math 1452	Title – Calculus II	Fee TBA	4 credit hours

Physical Education and Health

Health (Concurrent Credit) (Teachers Hartman ONLY)

Grade Level: 9-12 Prerequisite: None ½ year – ½ credit

This course involves classroom instruction and active participation in group work and discussions. Students demonstrate their knowledge of chapter material on tests and homework, as well as during group discussions. All students are encouraged to participate in activities to enhance decision making skills in all areas of their lives.

UALR Course #HHPS 1370	Title – Health	Fee TBA	3 credit hours
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Physical Education

Grade Level: 10-12 Prerequisite: None 1 year – 1 credit or ½ year – ½ credit

Physical Education develops the components of fitness for each student through organized activities. Students demonstrate their knowledge of each activity by participation in class.

Athletics

Grade Level: 10-12 Recommendation of Coach 1 year – 1 credit or ½ year – ½ credit

This course is for enrollment of students in team athletics. Students can earn credit for participation in these activities. Examples include, football, volleyball, basketball, golf, soccer, baseball, softball, track, cross country, tennis, cheerleading, wrestling, and bowling. Athletics will be graded on a pass “P” or fail “F” basis.

Science

Medical Terminology (Concurrent Credit)

Grade Level: 10-12 Prerequisite: None ½ year – ½ credit

Medical terminology is the study of the principles of medical word building to help the student develop the extensive medical vocabulary used in health care occupations. Students receive a thorough grounding in basic medical terminology through the study of root words, prefixes and suffixes.

UALR Course #NURS 1301	Title – Medical Terminology	Fee TBA	3 credit hours
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Biology or Pre-AP Biology

Grade Level: 10

Prerequisite: None

1 year – 1 credit

The topics included in General Biology are the scientific method, basic biochemistry, cell structure and function, cell physiology, cell reproduction and development, Mendelian genetics, population genetics, natural selection, evolution, and ecology. This course also includes classification of organisms and structural and functional considerations of all kingdoms (particularly major phyla as well as viruses), and the human body systems. The class will include both classroom instruction and lab participation following all laboratory safety standards. **Pre-AP Biology** is designed to engage students in active, high-level learning and ensure that the student develops skills, habits or mind, and concepts required to succeed in college. Students will be encouraged to access high learning while covering the following topics: principles of cell biology, genetics, evolution, and ecology and exploring diversity, plants, invertebrates/vertebrates, and human biology.

Microbiology

Grade Level: 10-12

1 year – 1 credit

Microbiology is the study of microscopic organisms, such as bacteria, fungi, and protists. It also includes the study of viruses, which are not technically classified as living organisms but do contain genetic material.

Microbiology research encompasses all aspects of these microorganisms such as their behavior, evolution, ecology, biochemistry, and physiology, along with the pathology of diseases that they cause.

Chemistry or Pre-AP Chemistry (PAP Chemistry Honors)

Grade Level: 10-12

Prerequisite: Algebra I

1 year – 1 credit

Chemistry is the science that studies the properties of substances and how they react with one another. This course also develops problem-solving skills. The basic concepts of chemistry presented include: organization of matter, chemical composition, equation writing, states of matter, gas laws, solution chemistry, thermochemistry, acid-base chemistry, chemical equilibrium, chemical kinetics, electrochemistry, nuclear chemistry, and the basics of organic chemistry.

Laboratory work is a critical part of the course, and all students must participate and complete lab reports to fulfill the course objectives. The student should also expect to spend several hours a week reading and solving problems outside of class. **The Pre-AP Chemistry** course will be differentiated from the regular chemistry course by going into topics more in-depth and will include more extensive laboratory work and analysis.

Physics

Grade Level: 11-12

Prerequisite: Algebra II

1 year – 1 credit

The fundamentals of motion in terms of speed, velocity, acceleration, work, and energy are covered the first semester of this course. The second semester covers waves, sound, optics, electricity, and nuclear physics.

Physics requires several hours of reading material and solving problems.

Environmental Science

Grade Level: 11-12

Prerequisite: Counselor Recommendation

1 year – 1 credit

Environmental Science requires active participation in the classroom and project participation in the outdoor classroom. This class allows for active participation with projects in four habitat areas within the outdoor classroom. Students work in each of the four habitats for nine weeks: the nature trail, pond, greenhouse, and recycling. Students are responsible for working as a team to accomplish the assigned projects. They are also responsible for creating their own projects within each habitat rotation. Each student is required to keep a project journal regarding their progress. Students will demonstrate their knowledge of environmental issues through chapter tests and homework.

Advanced Anatomy and Physiology (Honors) (Concurrent Credit)

Grade Level: 11-12

Prerequisite: None

1 year – 1 credit

Anatomy and Physiology is a course designed to familiarize students with the structure and function of the human body. Body systems are studied through animal dissection and discussion. Students are equipped with information which will give them a background for a field of study in the medical sciences since medical terminology is included in the content. Activities include classroom discussion, participation in labs, group and individual projects, and field trips.

UALR Course #BIOL 1411 & 1412 Title – Intro Human Anatomy & Physiology I & II Fee TBA 8 credit hours

AP Biology (Honors) (Concurrent Credit)

Grade Level: 11-12

Prerequisite: Biology or PAP Biology

1 year – 1 credit

This course consists of material which is equivalent to college level biology classes. The course gives students an understanding of the living world from the cellular level to the whole organism. Students who complete this course are expected to have a general knowledge of the cell, genetics, and the five kingdoms.

UALR Course #BIOL 1400 & 1401 Title – Biology I & II Fee TBA 8 credit hours

AP Physics 1 and 2 (Honors) (Concurrent Credit)

1 year – 1 credit

Grade Level: AP Physics 1 10, 11 or 12

Prerequisite: PAP Physical Science B Average

Grade Level: AP Physics 2 11 – 12

Prerequisite: Algebra II B Average

This course provides a systematic introduction to the main principles of physics and emphasizes the development of conceptual understanding and problem-solving ability using algebra and trigonometry, but rarely calculus. In most colleges, this is a one-year terminal course and is not the usual preparation for more advanced physics and engineering courses.

However, the course provides a foundation in physics for students in the life sciences, pre-medicine, and some applied sciences, as well as other fields not directly related to science. The AP Physics course includes topics in both classical and modern physics. Knowledge of algebra and basic trigonometry is required for the course; the basic ideas of calculus may be introduced in the theoretical development of some physical concepts, such as acceleration and work. Understanding of the basic principles involved and the ability to apply these principles in the solution of problems should be the major goals of the course.

UALR Course #PHYS 1321 & 1121

Title-College Physics I & Lab

Fee TBA

4 credit hours

UALR Course #PHYS 1321 & 1122

Title-College Physics II & Lab

Fee TBA

4 credit hours

AP Physics C: Mechanics

Grade Level: 11-12

Prerequisite: See Science Teacher

1 year – 1 credit

AP Physics C: Mechanics is a calculus based, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as kinematics; Newton's laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Introductory differential and integral calculus is used throughout the course.

AP Chemistry (Honors) (Concurrent Credit)

Grade Level: 11-12

Prerequisite: Chemistry/PAP Chemistry

1 year – 1 credit

The Advanced Placement Chemistry course is designed to be the equivalent of the general chemistry course usually taken the first year of college. The Advanced Placement Chemistry course fulfills the laboratory science requirement for college and frees time for other courses. The course stresses the importance of the theoretical aspects of chemistry. Topics such as the structure of matter, kinetics, thermodynamics, electrochemistry, and equilibrium will be covered in considerable depth. The difference between college chemistry and the usual chemistry course is especially evident in the laboratory work. The Advanced Placement Exam includes questions based on experiences and skills that students acquire in the laboratory. Much of the laboratory work requires use of special volumetric glassware such as pipettes, burets, volumetric flasks. The quantitative aspects of the experiments require a high degree of precision involving the use of sensitive balances, spectrophotometers, pH meters, and calorimeters. Computers are an integral part of laboratory testing equipment and result preparation. After completing the course, students will have had experience with filtration, titration, the collection and handling of gases, calorimetry, spectrometry, potentiometric measurements, and synthesis of compounds. Laboratory work also involves the analysis of unknown mixtures by qualitative analysis.

UALR Course #CHEM 1402

Title – General Chemistry I

Fee TBA

4 credit hours

Social Studies

World History

Grade Level: 10

Prerequisite: None

1 year – 1 credit

World History is designed to give students a broad understanding of the major cultures, events, and personalities that have shaped the course of history throughout time. Students will study ancient and modern history, covering Ancient Egypt, Mesopotamia, Greece, and Rome. The Middle Ages, the Renaissance, and the Age of Exploration lead up to a study of the emergence of Modern Europe. The major events of the Twentieth Century are also covered. Standard lecture/discussion methods are used in presenting the material, along with the use of cooperative learning activities, graphic organizers, power point presentations, as well as a variety of other instructional strategies. Outside resources, including primary and secondary source materials, periodicals and videos, help enhance the presentation of material.

Civics

Grade Level: 10-12

Prerequisite: None

½ year – ½ credit

The focus of Civics is the application of civic virtues and democratic principles and investigation of problem solving in society. This course provides a study of the structure and functions of federal, state, and local government. Civics also examines constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process.

Economics with Personal Finance

Grade Level: 10-12

Prerequisite: None

½ year - ½ credit

One-semester Economics for Grades 9-12 emphasizes economic and personal finance decision making. Students will explore the interrelationships among consumers, producers, and resources as well as the interrelationships between national and global economies. Additionally, students will examine the relationship between individual choices and the direct influence of these choices on career and future earning potential.

U.S. History

Grade Level: 11-12

Prerequisite: None

1 year – 1 credit

This course is designed to give students a broad view of the people and events that have contributed to the foundation of this country and the smooth operation of our system of democracy. The first few weeks of class are basically a review or early exploration, colonization, revolution, the Constitution, Jefferson Era, Jacksonian Era, Civil War, and Reconstruction.

The remainder of the year focuses on westward settlement, growth of cities, World War I, the Great Depression, World War II, the rise of Communism, the Korean War, and Vietnam, as well as changes in American society, including civil rights, education, literature, and music. The course is a full-year credit and required for graduation. During the year much of the presentation is based on lecture material and class work. Interview, movies, special projects, resource speakers, and group work are also included. To help make sense of the numerous events in American History, various themes are used to organize events into meaningful patterns. Such patterns include: American democracy; civil rights and liberties; economic development; geography and environment; conflict and cooperation; technology; individual and family life; ideas, beliefs, and institutions; cultural diversity; and the United States' role in world affairs.

American Government

Grade Level: 10-12

Prerequisite: Civics

½ year – ½ credit

American Government is a social studies elective, one-semester in length. The course deals with the theoretical concepts relating to the foundations of our government and with the practical application of these concepts as they relate to our system of American federalism, to political participation and influence, to foreign policy, to civil liberties, to civil rights, and to our national government. This course stresses application problem-solving, higher-order thinking skills, and use of classroom performance-based/open-ended assessments with rubrics.

Psychology (Concurrent Credit)

Grade Level: 10-12

Prerequisite: None

½ year – ½ credit

This course is a basic introduction and overview of psychology. Topics include human psychological development, learning and cognitive processes, personality and individuality, and social psychology among others. Standard lecture/discussion methods are used in presenting the material, along with the use of cooperative learning activities, graphic organizers, power point presentations, as well as a variety of other instructional strategies. Other resources, including primary and secondary source materials, periodicals and videos, help enhance the presentation of the material. Students are expected to take and be responsible for their own classroom notes and will be graded on homework assignments, class participation, and tests.

UALR Course #PSYC 2300

Title-Psychology & Human Experience

Fee TBA

3 credit hours

Sociology

Grade Level: 10-12

Prerequisite: None

½ year – ½ credit

This course is a basic introduction and overview of sociology. Topics will include sociological perspectives, social and cultural structures, social inequality, social institutions, and social change among others. Standard lecture/discussion methods are used in presenting the material. Outside resources including periodicals and videos help enhance presentation of the material. Students are expected to take and be responsible for their own classroom notes and will be graded on homework assignments, class participation and tests.

World Geography

Grade Level: 10-12

Prerequisite: None

½ year – ½ credit

World Geography is the study of the world's peoples, places, and environments, with a focus on world regions. Particular emphasis is placed on students' understanding and applying geographic concepts and skills to their daily lives.

AP World History (Honors) (Concurrent Credit)

Grade Level: 10-12

Prerequisite: World History (Recommended)

1 year – 1 credit

The purpose of the AP World History course is to develop a greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. The course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. The course emphasizes relevant factual knowledge deployed in conjunction with leading interpretive issues and types of historical evidence. The course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage. Periodization, explicitly discussed, forms an organizing principle for dealing with change and continuity throughout the course. Specific themes provide further organization for the course, along with the consistent attention to contacts among societies that form the core of world history as a field of study. Students are issued a college level textbook which has been aligned with the College Board's periodization and thematic specifications. Students are taught through primary source documents, lecture material, class work, essays, and class discussion.

UALR Course #HIST 1311 Title – History of Civilization I Fee TBA 3 credit hours

UALR Course #HIST 1312 Title – History of Civilization II Fee TBA 3 credit hours

AP U.S. History (Honors) (Concurrent Credit)

Grade Level: 11-12

Prerequisite: U.S. History (Recommended)

1 year- 1 credit

The primary objective of the course is two-fold: to develop students' awareness of the social, political, economic and cultural aspects of American History and to develop students' analytical thinking and essay writing skills. The secondary objective of the class is to prepare students for the AP American History Exam that is given in the spring. This exam is accepted by most colleges, which will award up to six credit hours for a proficient score. The course may be team-taught with English 11 to provide opportunities for connections between disciplines and to concentrate on writing skills. Students are taught through lecture material, class work, and class discussions. Student research projects, special speakers, mock elections, debates, group work, outside readings, and movies are also included.

UALR Course #HIST 2311 Title – US History to 1877 Fee TBA 3 credit hours

UALR Course #HIST 2312 Title – US History since 1877 Fee TBA 3 credit hours

Virtual Arkansas

Concurrent Credit through Virtual Arkansas (Arkansas Tech University):

College Algebra

Grade Level: 11-12

Prerequisite: Algebra II

½ year – ½ credit

College Algebra is the introductory course in algebra. The course is designed to familiarize learners with fundamental mathematical concepts such as inequalities, polynomials, linear and quadratic equations, and logarithmic and exponential functions.

ATU Course #MATH 1302

Title – College Algebra

3 credit hours

Oral Communication

Grade Level: 11-12

Prerequisite: English 10

½ year – ½ credit

Theory and practice of speech communication behavior in one to one small group, and public communication situations are introduced. Students learn more about themselves, improve skills in communicating with others, and prepare and deliver formal public speeches.

ATU Course #SPCH 1300

Title – Speech

3 credit hours

Art Appreciation

Grade Level: 10-12

Prerequisite: None

½ year – ½ credit

This basic level course is designed for gaining an understanding of the fundamental principles of art appreciation and art making. The goal in this course is to develop an understanding of the scope of possibilities in how to see and speak about art, and to a critical approach in describing, analyzing and identifying artworks.

ATU Course #ARHA 2305

Title – Art Appreciation

3 credit hours

Virtual Arkansas All Year Courses:

Earth Science

1 year – 1 credit

This course focuses on Earth as a system and introduces students to Earth Science. In the first semester the students will study the atmosphere and hydrosphere. In the second semester they will study the universe and solar system, also explore the formation of the planet, geologic time-line and geosphere

Criminal Law

1 year – 1 credit

This instructional program prepares individuals to perform the duties of police and public security officers, including witness interviewing, evidence collection and management, and basic crime prevention methods.

Introduction to Criminal Justice

1 year – 1 credit

This instructional program prepares individuals to perform the duties of police and public security officers, including patrol and investigative activities, traffic control, crowd control and public relations.

Forensic Science and the Law**1 year – 1 credit**

This is an introductory course with an emphasis placed on how forensic science is used in conjunction with the law and the legal system. The course will provide a brief history and development of forensic science and how forensic science functions within the legal system of today. The course provides an overview of a crime scene, DNA, trace evidence, aspects of fire and explosions, fingerprints, firearms, and document examination. Upon completion the students will have a general understanding of career opportunities and responsibilities.

Marketing**1 year – 1 credit**

This is a two semester course designed to provide students with the fundamental concepts, principles, skills, and attitudes common to the field of marketing. Instruction focuses on market types, market analysis, consumer types, planning, promotion, buying, pricing, distribution, finance, trends, and careers.

Journalism I**1 year – 1 credit**

Understanding the role of the free press in America helps us to be better informed and more able to analyze media. In this course, students will explore the history of journalism in the United States from its inception in the colonies and its key role in the first amendment, all the way up to present day issues regarding “right to know” and the changing landscape of journalistic media in the 21st century. Students will acquire the skills and information needed to actively participate in the consumption, analysis, and creation of news media and will have the opportunity to investigate the constantly evolving career opportunities within the field of journalism.

German I**1 year – 1 credit**

German I stresses correct pronunciation, aural comprehension, and simple speaking ability. As communication skills develop, the course includes additional vocabulary and basic grammar necessary for limited reading and writing. German I includes applications, problem solving, higher order thinking skills, and performance based, open ended assessments with rubrics.

German II**Prerequisite: German I****1 year – 1 credit**

German II develops and expands the fundamental skills introduced in German I. Aural 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. German II includes applications, problem solving, higher order thinking skills, and performance based, open ended assessments with rubrics.

French I**1 year – 1 credit**

In this course, students will begin to develop the skills needed to communicate effectively in the French language and develop an in depth awareness of the various French speaking cultures. Upon successful completion of this course, students will be able to understand elementary spoken French; use vocabulary for practical, everyday use; speak with comprehensible pronunciation; read and write simple French paragraphs; discuss and demonstrate an appreciation for Francophone cultures.

French II**Prerequisite: French I****1 year – 1 credit**

In this course, students will build on skills developed in French I and continue to work on communicating effectively in the French language and increasing awareness of French speaking cultures. Upon successful completion of this course, students will be able to understand spoken French at the novice level; use vocabulary for practical, everyday use; speak with comprehensible pronunciation, read and write simple French paragraphs; discuss and demonstrate an appreciation for Francophone cultures.

AP United States Government and Politics**1 year – 1 credit**

This is a college level course designed to give the student an analytical perspective of government and politics in America. Course content will begin with foundations of the United States Government, progress into analysis of political beliefs and why Americans behave as they do and the impact of the media. This course includes an intensive focus on the four government institutions, followed by a study of civil rights and civil liberties in America, their evolution through judicial interpretation and the evolving role of the 14th amendment on American's civil rights and liberties. The course will culminate with a breakdown of how public policy is created and the linkages between the political process, political parties, interest groups and elections. The course requires familiarity with the various institutions groups beliefs, and ideas that constitute U.S. Politics. Students will gain knowledge through a variety of theoretical perspectives and explanations.

Transitional Math Ready**Prerequisite: Grade 12****1 year – 1 credit**

This course emphasizes understanding of math concepts rather than just memorizing procedures. Math Ready students will learn the context behind the procedure; why to use a certain formula or method to solve a problem, for example. This equips them with higher order thinking to apply math skills, functions and concepts in different situations. Students will be better prepared for college level math assignments based on the content.

Transitional Literacy Ready**Prerequisite: Grade 12****1 year – 1 credit**

This course is an innovative, dynamic course built to help students master the literacy skills needed for three core subject areas – English, social science, and science. **This course is best suited for the middle range of students, not those who can succeed in Advanced Placement courses or who are severely behind.** The course is built to engage students in real world contexts. The lessons provide literacy strategies that allow students to read and comprehend all manner of texts and genres. The course targets students with weaknesses and college ready skill gaps and prepares them for postsecondary level pursuits.

THIS COURSE DOES NOT FULFILL THE 12TH GRADE ENGLISH REQUIREMENT.**Foundations of Sports Medicine****1 year – 1 credit**

This course provides students with a general overview of sports medicine and its history from the perspective of the healthcare community that includes injury prevention, treatment, rehabilitation, psychosocial, and administration concerns. Students will gain an understanding of sports medicine and the role it plays in the athletic community.

American Sign Language I**1 year – 1 credit**

ASL I provides basic instruction in language usage, vocabulary, and grammar which will lead to increased communicative and cultural proficiency in ASL. The culture, history, current events, and traditions of the Deaf community are introduced through selected readings, visual recordings, and other authentic materials. Visually attending, signing, role-playing, and group activities are designed to instruct, reinforce, connect language skills, and develop signacy. This course will include applications, problem solving, higher order thinking skills, and performance based and project based assessments.

Foundations of Health Care**1 year – 1 credit**

This course introduces students to a wide range of health careers. Integrated academics combined with health care knowledge and skills provide the framework for a strong health care delivery system. It is recommended for students who want to prepare for further study in an array of health related fields.

Tourism Industry Management**1 year – 1 credit**

The content includes but is not limited to customer service, management and supervisory development, management theory, decision making, organization, communications, human relations, leadership training, personnel training, travel counseling, reservationists, ticketing, tour development, security, sales, travel and tourism accounting, marketing, and convention management, applicable local, state, and federal laws and asset management.

Virtual Arkansas Semester Courses**Abnormal Psychology****1 semester – ½ credit**

This course provides a basic survey of maladaptive human behavior. Major psychological disorders, their causes, symptom behaviors, cultural influences, and relevant treatment approaches are discussed. Included topics are historical medical background, perspectives of treatment of the mentally ill, fundamental definitions, causes of anxiety disorders, disorders of mood, personality disorders, disorders of thought, including schizophrenia, substance related disorders, and domestic violence.

Human Behavior and Disorders**Prerequisite: Abnormal Psychology****1 semester – ½ credit**

This course focuses on normal behavior and personality, abnormal behavior and personality, and behavior disorders and the therapies used to treat those disorders and abnormalities.

Medical Terminology**Prerequisite: Biology****1 semester – ½ credit**

Medical Terminology is a one semester course that assists students in developing the language used for communication in the health care profession.

Introduction to Careers in Law, Public Safety and Security**1 semester – ½ credit**

This is an introductory level course designed to provide an overview of careers in law, Public Safety, Corrections, and Security. This course will cover careers in each pathway, ethical issues related to each career as well as necessary education requirements. The students will gain knowledge and skills both verbally and in writing concerning issues related to these careers.

Arkansas Legal**Prerequisite: Law & Order: CI****1 semester – ½ credit**

This instructional program prepares individuals to perform duties with the legal services pathway and includes an overview of the Arkansas judicial and legislative system.

Fashion Merchandising**1 semester – ½ credit**

Fashion Merchandising is a one semester course designed to offer an overview of the fashion industry. It provides the foundation in preparing students for a wide range of careers available in the different levels of the fashion industry. Emphasis is given to historical development, textiles, manufacturers, merchandising, domestic and foreign markets, accessories and retailing.

Sports and Entertainment Marketing**1 semester – ½ credit**

This is a one semester course designed to provide students with an understanding of marketing concepts, foundations, and functions as they relate to career opportunities in the growing area of sports and entertainment. Instruction will focus on public relations and publicity, event planning and marketing, sponsorship, venue design, concessions, risk management, product planning, licensing, ticket sales and distribution.

Visual Arts Appreciation**1 semester – ½ credit**

Visual Art Appreciation is a one semester course designed to develop perceptual awareness and aesthetic sensitivity, as well as a foundation for a lifelong relationship with the arts. Students will learn the elements of art and principles of design; explore the basic processes, materials, and inherent qualities of visual art; examine a broad range of methods; conduct critical analyses of the creative processes involved in the various art forms; and reflect on the connections between society and visual art.

Psychology**1 semester – ½ credit**

Psychology is a social studies elective course that introduces students to the science of behavior and mental processes. It includes an overview of the history of psychology as well as an opportunity to study individual and social psychology and how the knowledge and methods of psychologists are applied to the solution of human problems. The content of this course includes human development; biological bases of behavior; sensation and perception; learning, memory, and cognition; behavior patterns; and psychological disorders and their treatments.

Pathology**1 semester – ½ credit**

This course is devoted to the exploration of human pathology. Pathology is the branch of medical science that studies the causes, nature, and effects of diseases. This course of study begins with an introduction to pathology terminology, predisposing factors of diseases, diagnosis, prognosis, and disease treatments. Following the introduction, the course proceeds into a study of the immune system, then goes into infectious diseases and their transmission. Other types of diseases, such as genetic disorders, cancer, and reproductive pathology are also studied.

Arkansas Hospitality and Tourism**1 semester – ½ credit**

Arkansas Tourism is a one semester course designed to familiarize students with Arkansas careers in hospitality and the opportunities available to promote travel and tourism in the state. Emphasis will be on the food industry, transportation industry, lodging, and tourist attractions within the various geographical locations in the state.

Special Services

Life Skills

Grade Level: 10-12 **Prerequisite: Teacher Recommendation** **1 year – 1 credit**

Through this program, the student is prepared for adult living with the development of independent living skills, social skills, communication skills, vocational preparation and skills training, generalization skills, and study skills. There are four basic domains: vocational, community, domestic, and recreation/leisure. The students in this program will spend at least 60% of their day working on functional and academic skills. The remainder of their day is spent main-streaming in regular education classes.

Investigating Geometry

Grade Level: 10 **Prerequisite: Teacher Recommendation** **1 year – 1 credit**

Students in this course will be accountable for the SLE's in Geometry. However, the instructional strategies to be utilized focus on individual and/or cooperative group-work, the discovery method, hands-on activities, and problem solving strategies involving manipulatives and technology.

General Math II

Grade Level: 11 **Prerequisite: Teacher Recommendation** **1 year – 1 credit**

Basic mathematic skills in addition, subtraction, multiplication, and division will be reviewed and practiced. Students will work through lessons designed around learning objectives in fraction, decimals, probability, statistics, algebra, geometry concepts and measurement. A variety of teaching methods will be used in this class including Hands on Equations, and video presentations.

Consumer Math

Grade Level: 12 **Prerequisite: Teacher Recommendation** **1 year-1 credit**

This course is to inform student how individual choices directly influence occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets, utilize checking and savings accounts, gain knowledge in finance, debt, and credit management and evaluate and understand insurance and taxes. This course provides a foundational understanding form making informed personal financial decisions.

Conway Career Center
11th and 12th Grade Students Only

For Course Information go to: cacc.conwayschools.org/course-catalog