

Alma High School



Course Catalog 20-21

TABLE OF CONTENTS

English Courses	3 – 4
Mathematics Courses.....	4 – 5
Science Courses.....	6 – 7
Social Studies Courses.....	7
Health Courses.....	8
Physical Education Courses.....	8 – 9
Fine Arts: Music Courses.....	9 – 10
Fine Arts: Dance Courses.....	10
Fine Arts: Drama Courses.....	11
Fine Arts: Visual Art Courses.....	11 – 12
Oral Communications Courses.....	12
Career and Tech Ed: Agriculture Elective Courses.....	14
Career and Tech Ed: TV Production Elective Courses.....	14
Career and Tech Ed: Business Elective Courses.....	15
Career and Tech Ed: Education Electives.....	15
Career and Tech Ed: Family and Consumer Science Courses.....	16
Career and Tech Ed: ROTC Elective Courses.....	16
Career and Tech Ed: Sports Medicine Elective Courses.....	17
Career and Tech Ed: Marketing Elective Courses.....	17 – 18
Career and Tech Ed: Mobile App Development Elective Courses.....	18
Career and Tech Ed: Engineering Elective Courses.....	19
Career and Tech Ed: WATC Elective Courses.....	19
Foreign Language Elective Courses.....	20
Journalism Elective Courses.....	20
Online Learning Elective Courses.....	21
Science Elective Courses.....	22
Social Studies Elective Courses.....	22 – 23
Vocational and College Prep Elective Courses.....	23 – 24
Non-Credit Courses.....	24

ENGLISH COURSES: 4 Units Required

<p>English 9 410000 Grade 9</p>	<p>English 9 is a course covering examples of the different kinds of literature including units on drama, poetry, and short stories. This is combined with the teaching of the writing process and a brief review of basic grammar rules. Research paper, formal essays, and creative writings are required.</p>
<p>Pre-AP English 9 *Honors 4.5* 410001 Grade 9</p>	<p>Pre-AP English is a combined course of grammar, writing, and literature with emphasis on using the writing process. Research paper, formal essays, and creative writings are required. Literature includes drama, poetry, short stories, nonfiction, and novels. Independent reading of material outside the required curriculum is required.</p>
<p>English 10 with Professional Communication 411000 Grade 10</p>	<p>This course will integrate the frameworks for English 10 and Professional Communication. Students will receive 1.5 credits for this course. The curriculum includes grammar, writing, and literature. Grammar and vocabulary will be developed through extensive and varied reading, a variety of writing assignments (including but not limited to compositions and a research project), and frequent cooperative learning opportunities. Independent reading outside of the classroom curriculum is required. In this course, students will also learn effective communication skills that can be used in a variety of settings. This is a digital learning course and forty percent of time will be spent utilizing the Internet for research and development of speeches and English projects.</p>
<p>Pre-AP English 10 with Professional Communication *Honors 4.5* 411001 Grade 10</p>	<p>This course will integrate the frameworks for English 10 and Professional Communication. Students will receive 1.5 credits for this course. The curriculum combines writing and literature with emphasis on complex sentence structures, paragraphing and formal essay structure. A research project and several formal essays are required; major novels and full length dramas are covered. Independent reading outside of the classroom is required. In this course, students will also learn effective communication skills that can be used in a variety of settings. This is a digital learning course and forty percent of time will be spent utilizing the Internet for research and development of speeches and English projects.</p>
<p>English 11 412000 Grade 11</p>	<p>English 11 is a combination of American literature, grammar, and writing. Consistent skills are needed in writing and reading. Grammar is reviewed as errors occur in writing and through writing assignments. ACT preparation is practiced throughout the year. Independent reading and writing and a research paper are required.</p>
<p>English 12 413000 Grade 12</p>	<p>English 12 combines British literature and writing instruction designed to aid students who need help mastering grammar and mechanics skills. Instruction in effective writing will also be delivered. The course includes a research papers and a final portfolio.</p>
<p>AP Language and Composition **Honors 5.0** 517030 Grades 11-12</p>	<p>AP Language and Composition emphasizes the reading, appreciation, and understanding of non-fiction texts and American literature. Students work toward advanced skills in reading, usage, and vocabulary in relation to rhetorical, argument, and synthesis composition skills. This college-level course helps students prepare for the AP Exam and college writing. Students will take the AP Language and Composition test at the conclusion of the course. This course can take the place of English 11 or English 12.</p>

<p>Concurrent Composition I/Composition II *Honors 4.5* 519940 Grade 12</p>	<p>Concurrent Composition I/Composition II can earn students six hours of college credit through Arkansas Tech University upon completion. Composition I includes a review of grammar, an introduction to research methods, and practice in writing exposition using reading to provide ideas and patterns. Composition II is a continuation of Composition I with readings in poetry, fiction, and drama. This course can take the place of English 12. <u>PRE-REQUISITE: ACT score of 19 or above in Reading AND English.</u></p>
<p>Transitional English 12 413010 Grade 12</p>	<p>Transitional English 12 is designed to dramatically accelerate students' literacy skills essential for college and career readiness. Students will receive instruction in reading, writing, speaking, and listening. The course will also emphasize literacy and use informational texts from diverse genres in print and digital formats. <u>This course is for seniors who have not yet scored a 19 on the English or Reading portions of the ACT.</u></p>

MATH COURSES: 4 Units Required including Algebra I, Geometry, and Algebra II. Students who take Algebra I Part A and B will fulfill their Algebra I requirement.

<p>Algebra I Part A 430100 Grade 9</p>	<p>Algebra I Part A includes the first half of the frameworks for Algebra I. The course includes a brief review of previous math courses and introduces students to beginning algebraic concepts. Students who take this course will complete the second half of the Algebra I frameworks in Algebra I Part B during the following school year. Recommended Calculator: TI-84.</p>
<p>Algebra I Part B 430200 Grade 10</p>	<p>Algebra I Part B is for students who took Algebra I Part A last school year. The course includes a brief review of the previous course and introduces other topics such as factoring, quadratic equations, transformations of graphs, radicals, functions, and function operations. Recommended calculator: TI-84. <u>PRE-REQUISITE: Algebra I Part A.</u></p>
<p>Algebra I 430000 Grade 9</p>	<p>Algebra I is an introductory course in algebra covering the following topics: operations with integers, variable expressions, solving linear, quadratic and radical equations, and introduction to functions and graphing. Recommended calculator: TI-84</p>
<p>Pre-AP Geometry *Honors 4.5* 431009 Grades 9-10</p>	<p>Pre-AP Geometry teaches logic and reasoning skills through the study of geometric shapes, properties and proofs. Coordinate geometry involving linear functions is also included. Recommend calculator: TI-84 <u>PRE-REQUISITE: Algebra I with a grade of C or better and teacher recommendation.</u></p>
<p>Geometry 431000 Grade 10-11</p>	<p>Geometry teaches logic and reasoning skills through the study of geometric shapes, properties and proofs. Coordinate geometry involving linear functions is also included. Recommended calculator: TI-84 <u>PRE-REQUISITE: Algebra I</u></p>
<p>Algebra II 432000 Grades 10-12</p>	<p>Algebra II provides an extension of topics covered in Algebra I with added emphasis on functions and quadratic, radical, and rational equations. In addition, the following topics are covered: matrices, exponents, logarithms, and conic sections. Recommended calculator: TI-84 <u>PRE-REQUISITES: Algebra I and Geometry</u></p>

<p>Pre-AP Algebra II *Honors 4.5* 432001 Grades 10-11</p>	<p>Topics covered in Pre-AP Algebra II are the same as Algebra II with the emphasis on preparing the student for Pre-Calculus and Trigonometry. Emphasis is on understanding mathematical concepts both algebraically and graphically and being able to apply concepts in a variety of situations. Additional topics of sequences and series and introductory probability are covered. Recommended calculator: TI-84 <u>PRE-REQUISITE: Algebra I and Geometry with a grade of A or B and teacher recommendation.</u></p>
<p>Quantitative Literacy 439120 Grades 11-12</p>	<p>Quantitative Literacy builds on Algebra I to explore mathematical topics and relationships. Unit topics include modeling mathematical concepts, numerical reasoning, statistics and probability, personal financial literacy, and business financial literacy. This course will meet the financial literacy requirements set by the AR Department of Education.</p>
<p>Algebra III 439070 Grades 11-12</p>	<p>Algebra III is a college prep course for students who have passed both Geometry and Algebra II. The instruction covers a wide variety of topics that a first year college student would typically encounter in a College Algebra course. In addition to reviewing some basic algebra skills, students will be studying functions in great detail including linear functions, systems of equations, quadratics, radical equations, inverse and composite functions, exponential and logarithmic functions, and higher degree polynomials. Another major goal of the course is to get students familiar with the graphing calculator, a TI-84 calculator is recommended. <u>PRE-REQUISITES: Geometry and Algebra II. This course is for students who have not scored 19 or above on the math portion of the ACT.</u></p>
<p>Concurrent College Algebra/Plane Trigonometry *Honors 4.5* 53990T Grades 11-12</p>	<p>Concurrent College Algebra/Plane Trigonometry is intended for students who are planning to take AP Calculus or Calculus I in college. College Algebra covers a study of functions and models, linear equations and inequalities, transformations and graphs of symmetry, quadratic, piecewise, inverse, exponential, logarithmic and composite functions, and logarithmic and polynomial functions. College Trigonometry is a study of the properties of trigonometric functions and their graphs, solution of right and oblique triangles, formulas and identities, inverse functions, and trigonometric equations. Students who complete this class can receive 6 hours of college credit through Arkansas Tech. Recommended calculator: TI-84 <u>PRE-REQUISITES: Pre-AP Algebra II with a grade of A or B or Algebra II with a grade of A, an ACT score of 19 or above on the Mathematics AND Reading portion</u></p>
<p>Concurrent College Math/College Algebra *Honors 4.5* 539900 Grade 12</p>	<p>Concurrent College Math/College Algebra is intended for non-math/science majors. College Math focuses on the math of contemporary life and covers topics such as planning and scheduling schemes, data analysis, probability, and various growth models. College Algebra will cover a study of functions and models, linear equations and inequalities, transformations of graphs and symmetry, quadratic, piecewise, inverse, exponential, logarithmic, and composite functions, logarithmic equations, and polynomial functions. Students who complete this class can receive up to 6 hours of college credit through Arkansas Tech. Recommended calculator; TI-84 <u>PRE-REQUISITE: Algebra, Geometry, Algebra II, and an ACT score of 19 or above on the Mathematics AND Reading portion</u></p>
<p>AP Calculus **Honors 5.0** 534040 Grade 12</p>	<p>AP Calculus is a rigorous course equivalent to Calculus I in college. Students will study limits, derivatives and integrals using a variety of functions. Emphasis is on developing a strong conceptual knowledge of calculus through graphical, numerical and algebraic techniques. Extensive outside work is required as well as participating in the AP examination. Recommended calculator: TI-84 <u>PRE-REQUISITES: Concurrent College Algebra/Plane Trigonometry</u></p>

SCIENCE COURSES: 3 Units Required including Physical Science and Biology. The third required course can be Chemistry, Physics, or Environmental Science.

<p>Physical Science-Integrated 423000 Grade 9</p>	<p>Physical Science provides a basic conceptual understanding of foundational science core ideas, science and engineering practices, and crosscutting concepts. The course integrates physical science, Earth and space science, life science, and engineering design. Topics covered include elements, matter, force, motion, energy, waves, and interactions of humans and the environment among other scientific ideas.</p>
<p>Pre-AP Physical Science-Integrated *Honors 4.5* 423001 Grade 9</p>	<p>Pre-AP Physical Science is an advanced introductory course integrating physical science, Earth and space science, life science, and engineering design. Participation in Science Fair is required. <u>PRE-REQUISITE: Teacher recommendation and strong student motivation.</u></p>
<p>Biology- Integrated 420000 Grade 10</p>	<p>Biology provides a basic conceptual understanding of foundational life and Earth science core ideas, science and engineering practices, and crosscutting concepts. It is an integration of life science, Earth and space science, and engineering design standards. Students will spend time viewing and classifying a variety of life forms, collect and analyze data, and will practice the safe use of laboratory equipment.</p>
<p>Pre-AP Biology-Integrated *Honors 4.5* 420001 Grade 10</p>	<p>Pre-AP Biology is an in-depth study of integrated life science, Earth and space science, and engineering design concepts. Students will learn concepts necessary for the college preparatory curriculum. Participation in Science Fair is required. <u>PRE-REQUISITE: Pre-AP Physical Science and/or teacher recommendation</u></p>
<p>Environmental Science 424020 Grades 11-12</p>	<p>Environmental Science offers an overview of topics needed to understand the environmental issues and challenges of today's world. Issues including global warming, population growth and food production, resource depletion, deforestation, ground and water quality, biomes, habitat destruction, alternative energy sources, and pollution are just a few of the topics to be discussed. This class will focus on real life issues that we will be facing in our lifetime. This course is full of experiments, projects, and hands-on learning. Students taking this course as their third science WILL NOT graduate Smart Core.</p>
<p>Chemistry-Integrated 421000 Grades 11-12</p>	<p>Chemistry offers a conceptual understanding of foundational chemistry and physics core ideas, science and engineering practices, and crosscutting concepts. The curriculum integrates chemistry, physics, Earth and space science, and engineering design. Students will be expected to use laboratory equipment, suitable mathematics (algebra proficient), and collect and analyze data. Hands-on experiences and lab safety are highly emphasized.</p>
<p>Pre-AP Chemistry Integrated *Honors 4.5* 421001 Grade 11</p>	<p>Pre-AP Chemistry is a rigorous college prep class that covers many of the same topics and lab work as Chemistry-Integrated but in greater depth, pace, and difficulty. This class has goals of preparing students for AP chemistry, college, and future STEM. careers. Special emphasis is placed on a rigorous mathematical examination of chemical principles. Participation in Science Fair is required. <u>PRE-REQUISITE: Pre-AP Biology and/or teacher recommendation</u></p>

<p>Physics 422010 Grades 11-12</p>	<p>In this Physics course, students will study in the areas of Newtonian mechanics, thermodynamics, optics, electricity and magnetism. It will provide a basic knowledge needed for many college programs, especially those in the Engineering field. Students should expect to collect data in the laboratory and analyze it using higher level mathematics including geometry.</p>
---	---

SOCIAL STUDIES COURSES: 3 Units Required including World History, US History, and Civics/Economics

<p>World History 471000 Grade 10</p>	<p>World History provides an in-depth study of the history of human society after the year 1450. This course develops an understanding of the historical roots of current world issues, especially as they pertain to international/global relations. It requires an understanding of world cultures and civilizations, including an analysis of important ideas, social and cultural values, beliefs, and traditions. Students will complete a research project based on the current History Day theme. This project will be completed in the fall and may be improved upon to compete in History Day competition.</p>
<p>Pre-AP World History *Honors 4.5* 471001 Grade 10</p>	<p>Pre-AP World History is an advanced study of the history of human society after the year 1450. This course develops an understanding of the historical roots of current world issues, especially as they pertain to international/global relations. It requires an understanding of world cultures and civilizations, including an analysis of important ideas, social and cultural values, beliefs, and traditions. All students are required to participate in National History Day.</p>
<p>United States History 470000 Grade 11</p>	<p>United States History covers the history of our country Since 1890 and 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. Students will complete a research project based on the current History Day theme. This project will be completed in the fall and may be improved upon to compete in History Day competition.</p>
<p>AP United States History **Honors 5.0** 570020 Grade 11</p>	<p>AP United States History is designed to provide students with the analytic and factual knowledge necessary to deal critically with the problems and materials in United States history. Students will learn to assess historical materials and their relevance to a given interpretive problem, their reliability, and their importance. All students are required to participate in National History Day. <u>PRE-REQUISITE: Teacher recommendation. Completion of the Pre-AP World History course is strongly encouraged.</u></p>
<p>Civics/Economics 472000/474300 Grades 11-12</p>	<p>Civics and Economics is for 12th grade students who have not yet taken Civics/Econ. Civics is a study of the branches of the US government and its political processes. Economics explores interrelationships among consumers, producers, resources and labor and relationships between national and global economies. The Economics portion meets financial literacy requirements set by the AR Department of Education. Students will conduct a research project or participate in National History Day.</p>

HEALTH COURSES: ½ Unit (one semester) Required

Health (480000) Grades 9-12	All students are required to take a semester of health as a graduation requirement. This course is the study of all aspects of health: mental, physical, and social. First aid training is included.
NJROTC Health/PE (480950)/ (485950) Grades 9-12	The first year in the Navy JROTC program will provide students with their semester health credit as well as a semester PE credit. NJROTC is a program designed to teach self-discipline, self-confidence, and leadership skills. The curriculum, instruction, and activities are designed to develop leadership ability regardless of career path. Topics of instruction include: the uniform and proper wear, basic marching and drill, military traditions, courtesies, and etiquette, shipboard organization and orientation, land navigation, and citizenship.

PHYSICAL EDUCATION COURSES: ½ Unit (one semester) Required

Boys PE 485000 Grades 9-12	Students in this boys' PE class will participate in flag football, soccer, basketball, volleyball, softball, and archery. Exercises will be required before all activities. Students may take this course for a year or just for a semester.
Girls PE 485001 Grades 9-12	Students in this girls' PE class will participate in a variety of aerobic and fitness activities. Exercises will be required before all activities. One semester of physical education is required for graduation. Students may take this course for a year or just for a semester.
Group Sports (48500G) Grades 9-12	Group Sports is a co-ed semester PE class. Students will learn rules and score keeping, as well as participate in basketball, softball, flag football, pass n go, and other team competitive sports.
Net Sports (48500N) Grades 9-12	Net Sports is a co-ed semester PE class. Students in this class will participate in badminton, pickle ball, tennis, volleyball, ping pong, as well as other lifetime sports. Emphasis will be on participation, rules, score keeping and fitness.
Indoor/ Outdoor Sports (48500S) Grades 9-12	Indoor/Outdoor Sports is a co-ed semester PE class. Students in this class will participate in golf, disc golf, soccer, hockey, archery and other sporting events. Class will be held outdoors unless there is inclement weather.
Fitness Training (48500T) Grades 9-12	Fitness Training is a co-ed semester PE class. Students in this class will participate in weight training, walking, jogging, aerobics, dance, use of fitness equipment and other cardio exercises. Content will also include video participation in P90X, Insanity and various aerobic activities. Students will learn how to manage and monitor their cardio levels while increasing endurance and body efficiency. <u>Course will require intense workouts at times.</u>

Athletics 485009- 9th 48500B-10th 48500C-11th 48500D-12th	Athletics is designed for boys participating in the school's competitive football, basketball, track, or baseball and girls participating in the school's competitive basketball, volleyball, track or softball. Participation in the off-season is required. All athletics students must have a current physical. <u>PRE-REQUISITE: Participation in Athletics the previous year or coach's approval</u>
Cheer Team 485005- Grade 9 485004- Grades 10-12	Cheer Team is an advanced class selected to perform for football, basketball games, as well as a competition team for state events. Students must tryout to participate in this class and the individual events. Tryouts are open to all female senior high students. Cheer Team is a PE credit.
Dance Team 485006 Grades 10-12	Dance Team is a PE credit, not a Fine Arts credit. This is an advanced group of students selected to perform for all home/away football games, home basketball games/tournaments, pep rallies, community events and Dance Show. They also represent the school in both regional and state dance competitions. Students must tryout in order to participate in this class. Tryouts are open to all male and female senior high students in grades 10-12.
NJROTC Health/PE (480950)/ (485950) Grades 9-12	The first year in the Navy JROTC program will provide students with their semester PE credit as well as a semester Health credit. NJROTC is a program designed to teach self-discipline, self-confidence, and leadership skills. The curriculum, instruction, and activities are designed to develop leadership ability regardless of career path. Topics of instruction include: the uniform and proper wear, basic marching and drill, military traditions, courtesies, and etiquette, shipboard organization and orientation, land navigation, and citizenship.

FINE ARTS COURSES: ½ Unit (one semester) Required

The fine arts credit can be earned through Music, Dance, Drama, or Visual Art

MUSICAL FINE ARTS	
Band 451000- Grade 9 451040- Grade 10 451050- Grade 11 451060- Grade 12	The band participates year round in many school and civic activities. Band is rewarding in terms of fellowship, personal gratification through performance, and healthful functions. The Airedale Band has high standards of excellence which have been developed by <u>hard</u> work and tradition. The high school band is a performance-oriented band. <u>PRE-REQUISITE: Participation in band the previous year or director's approval.</u>
Jazz Band 451200- Grade 9 451210- Grade 10 451220- Grade 11 451230- Grade 12	Jazz Band provides students with the opportunity to explore a wide repertoire of popular music ranging from different forms of jazz to rock n' roll and contemporary hits. This ensemble includes alto, tenor, and baritone saxophones, trumpets, trombones, piano, guitar, bass, drum set, and auxiliary percussion. Other aspects of this course include participation in local concerts, regional festivals, region jazz band auditions, and community activities. <u>CO-REQUISITE: Enrollment in first period band and/or approval of the director is required.</u>
Concert Choir 452000- 1 st year 452040- 2 nd year 452050- 3 rd year 452060- 4 th year	Concert Choir is a multi-grade course that provides opportunities for students to develop their musical potential and aesthetic understanding of music through singing in a choral ensemble. Members will perform a variety of musical styles ranging from classical to pop and rock. Students will gain skill in music reading and sight-singing while learning proper vocal technique for the choir setting. Students are required to participate in all concerts.

9th Grade Advanced Choir 452009- Grade 9	Students are selected for the 9 th Grade Advanced Choir to represent AHS in competitions and to further develop vocal skill. <u>PRE-REQUISITE: Director's approval.</u>
Advanced Vocal Music (Honors Choir) 45200V-1 st year 45204V-2 nd year 45205V- 3 rd year 45206V- 4 th year	Students are selected for Honors Choir to represent AHS in competitions and to further develop vocal skill. <u>PRE-REQUISITE: Director's approval.</u>
Chamber Choir 45200C-1 st year 45204C-2 nd year 45205C- 3 rd year 45206C- 4 th year	Students are selected for Chamber Choir to represent AHS in competitions and to further develop vocal skill. <u>PRE-REQUISITE: Director's approval by audition.</u>
Music Theory 459010 Grades 11-12	Music Theory is an advanced course designed to expand and enhance the skills of the serious high school musician. Students examine components of music composition, melodic practices, theories of harmony, and other musical concepts as well as develop notation, aural, and sight-reading skills. Emphasis is placed on the application of rhythm, melody, harmony, form, and other compositional devices into original compositions. <u>CO-REQUISITE: Enrollment in Band or Choir</u>

DANCE FINE ARTS	
Dance Appreciation (453300) Grades 9-12	Dance Appreciation is a Fine Arts credit. This <u>beginning</u> class is a one semester course and open to all students without prior dance experience. It is focused on building strength, flexibility, and self-discipline while learning the basic technical principles of ballet, jazz, contemporary, hip hop, and ballroom dance. This class is a pre-requisite for all high school students without prior dance training.
Beginning Dance 45920B Grades 9-12	Beginning Dance is a Fine Arts credit. This <u>beginning</u> class is an extension of the technical elements implemented in previous dance courses. Beginning Dance will focus on continuing skill understanding and development, will participate in Dance Show in the Spring, and may have additional performance opportunities throughout the year. Students will be placed in this class based upon their performance and participation in previous dance classes. Teacher approval by Coach Murray and/or Coach Brewer required.
Intermediate Dance 45920I Grades 9-12	Intermediate Dance is a Fine Arts credit. Students in this <u>intermediate</u> class should have a good understanding of basic dance technique and will start working on more advanced skills and combinations. Intermediate Dance will participate in Dance Show in the Spring and may have additional performance opportunities throughout the year. Students will be placed in this class based upon their performance and participation in previous dance classes. Teacher approval by Coach Murray and/or Coach Brewer required.
Advanced Dance 45920D Grades 9-12	Advanced Dance is a Fine Arts credit. This <u>advanced</u> class should contain only students who have mastered basic technical skills and are capable of learning detailed choreography and advanced skills in a fast paced environment. Advanced Dance will participate in Dance Show in the Spring and will have additional performance opportunities throughout the year. Students will be placed in this class based upon their performance and participation in previous dance classes. Teacher approval by Coach Murray and/or Coach Brewer required.

DRAMA FINE ARTS	
Theatre Appreciation (453130) Grades 9-12	Theatre Appreciation is a semester course that develops creativity and spontaneity in those students wanting to explore theatre, as well as those who wish to commit to a theatre program. Students will learn the essential vocabulary and processes of theatre as well as read, write, and research theatre literature and acting and technical theatre. Students will have multiple opportunities for practical application of knowledge through informal productions. <u>THIS IS REQUIRED BEFORE STUDENTS CAN TAKE ACTING UNLESS THEY COMPLETED ADVANCED DRAMA AT AMS.</u>
Acting (45910T) Grades 9-12	Acting is a semester class where students acquire skills in script analysis, character development, vocal techniques, and communication of the script. Students will address and solve theatrical problems through their own background knowledge, learned techniques, and improvisation skills. The reading and reviewing of dramatic literature is also a requirement for this class. <u>PRE-REQUISITE: AMS Advanced Drama or Theatre Appreciation</u>
Advanced Acting 45911T Grades 10-12	Advanced Acting is a yearlong acting class allowing students an opportunity to continue to build their skills learned in previous acting courses. Besides character work, these upper level acting students will also focus on in-depth scene analysis, critical reviewing, and even beginning directing. The reading and reviewing of dramatic literature is also a requirement for this class. <u>PRE-REQUISITE: Acting</u>
Musical Theatre Production 45910M Grades 10-12	Musical Theatre Production is a yearlong drama class is for students who are a part of the musical and other performances put on by the theatre department. Students will develop skills in role analysis, character development, vocal techniques, and communication of text. This course is also for those interested in playing a leadership role in a play or musical (Stage Manager, Student Assistant Director, Publicist, etc) as well as those interested in dancing in the productions. <u>PRE-REQUISITE: Selection through audition or director approval</u>
Stagecraft (459241) Grades 10-12	Stagecraft is a one semester class is designed to expose the students to all aspects of play production. Students develop a basic working knowledge of various aspects of technical theatre and apply those skills to both classroom and production projects. By helping in the construction of the set pieces and props that will be used in school productions, students are taught hands-on about the basics of stagecraft. The functions and use of lighting and sound instruments as well as basic design will be introduced through this class. Students will also be required to learn and implement theatre safety practices as defined by national standards and guidelines.
Advanced Stagecraft 459250 Grades 11-12	Advanced Stagecraft is for students who have already taken a stagecraft course and are interested in continuing their learning in technical theatre. Students will expand their knowledge and exploration into the design and construction process as it applies to theatrical productions. Students will also be given opportunities to further develop their knowledge and skills as they relate to the programing and running of lighting and sound elements. <u>PRE-REQUISITE: Stagecraft</u>

VISUAL ART FINE ARTS	
Visual Art Appreciation (453100) Grades 9-12	Visual Art Appreciation is a semester course is designed to develop awareness of the visual arts. Topics include elements of art, principles of design, art processes, and materials creating visual art.
Art I 450000 Grades 10-12	Art I is a yearlong course where students will create visual artwork through various modes and methods. Students do not have to have previously taken an art class to be in this course.
Art II 450030 Grades 11-12	Art II is a yearlong course where students will extend their understanding and continue to develop their skills in creating visual artwork. <u>PRE-REQUISITE: Art I</u>

<p>AP Studio Art 2-D Design **Honors 5.0** 559050 Grades 11-12</p>	<p>In AP Studio Art 2-D Design, students will develop skills in a two-dimensional medium such as graphic design, photography, collage, printmaking, and other mediums as they learn the principles of 2-D design. Skills to be learned include investigating materials, processes, and ideas that artists use as well as interpreting works of art and design. Students will practice, experiment, and revise as they create their own work and communicate their ideas about works of art and design. <u>PRE-REQUISITE: Art I</u></p>
---	---

ORAL COMMUNICATIONS COURSES: ½ Unit Required. This course is integrated into 10th Grade English, so only juniors or seniors who have moved from another school will need to take one of these courses.

<p>Personal Communication (414200) Grades 11-12</p>	<p>Personal Communication is a semester course for juniors and seniors who have not yet taken Oral Communication. In this course students will learn effective communication skills that can be used in a variety of settings. It will provide students with an understanding of the dynamics of effective communication while speaking, listening, and responding. Course topics will include social media usage, communication barriers, the role of media, and conflict resolution. Students will deliver formal and informal speeches. Personal Communication is a digital learning course and forty percent of time will be spent utilizing the Internet for research and development of speeches. This course is required for graduation.</p>
<p>Professional Communication (414210) Grades 11-12</p>	<p>Professional Communication is a semester course for juniors and seniors who have not yet taken Oral Communication. This course will provide students with an understanding of the dynamics of effective communication in the workplace. Students will apply the principles of ethical communication, practice intrapersonal and interpersonal communication, and deliver a variety of speeches. This course will include ethnical communication, communication barriers, mass media, conflict resolution, leadership styles, business etiquette, and interviews. Professional Communication is a digital learning course and forty percent of time will be spent utilizing the Internet for research and development of speeches. This course is required for graduation.</p>

CAREER AND TECHNICAL EDUCATION COURSES

These courses are elective courses, but students have the opportunity to be a Career and Technical Education Completer in one or more of 10 different areas. This is a state and national recognition. When students complete three required courses in any of these areas, they will be a completer and will receive a special seal on their diploma. The required courses are listed below.

<p align="center">AGRICULTURE: ANIMAL SYSTEMS</p>	<p align="center">ARTS, A/V TECH AND COMMUNICATIONS: TV PRODUCTION</p>	<p align="center">BUSINESS: BUSINESS FINANCE</p>
<p><u>Level 1:</u> Survey of Ag Systems <u>Level 2:</u> CASE Animal Science <u>Level 3:</u> Advanced Animal Science (available in 21-22)</p>	<p><u>Level 1:</u> Fundamentals of Television <u>Level 2:</u> Intermediate Television <u>Level 3:</u> Advanced Television</p>	<p><u>Level 1:</u> Survey of Business <u>Level 2:</u> Financial Planning <u>Level 3:</u> Investments and Insurance (available in 21-22)</p>
<p align="center">EDUCATION: TEACHING AND TRAINING</p>	<p align="center">FAMILY AND CONSUMER SCIENCE: NUTRITION SCIENCE</p>	<p align="center">GOVERNMENT AND PUBLIC ADMINISTRATION: NAVY JROTC</p>
<p><u>Level 1:</u> Life Span Development <u>Level 2:</u> Orientation to Teaching I <u>Level 3:</u> Orientation to Teaching II or Concurrent Education and Training</p>	<p><u>Level 1:</u> Intro to FACS <u>Level 2:</u> Food Safety and Nutrition <u>Level 3:</u> Fitness and Sports Nutrition (available in 21-22)</p>	<p><u>Level 1:</u> NJROTC Health/PE <u>Level 2:</u> NJROTC I <u>Level 3:</u> NJROTC II</p>
<p align="center">HEALTH SCIENCE: SPORTS MEDICINE</p>	<p align="center">MARKETING: MARKETING BUSINESS ENTERPRISE</p>	<p align="center">STEM: MOBILE APPLICATIONS DEVELOPMENT</p>
<p><u>Level 1:</u> Foundations of Sports Med <u>Level 2:</u> Sports Med Injury Assessment <u>Level 3:</u> Anatomy and Physiology</p>	<p><u>Level 1:</u> Survey of Business <u>Level 2:</u> Marketing Business Enterprise <u>Level 3:</u> Small Business Operations or Advanced Marketing</p>	<p><u>Level 1:</u> Mobile App Development I/II <u>Level 2:</u> Mobile App Development III/IV <u>Level 3:</u> Advanced Programming I/II</p>
<p align="center">STEM: PRE-ENGINEERING</p>		<p align="center">WESTERN ARKANSAS TECHNICAL CENTER PROGRAMS</p>
<p><u>Level 1:</u> Intro to Engineering Design <u>Level 2:</u> Principles of Engineering <u>Level 3:</u> Civil Engineering and Architecture</p>		<p>WATC is housed on the campus of the University of Arkansas Fort Smith. 11th and 12th grade students can attend there for half a day. There are several programs offered that can provide completer status as well as certifications that will allow students to gain employment. Those programs include:</p> <ul style="list-style-type: none"> Automotive Technology Computer Graphics Technology Electronics Technology Health Science Information Technology Unmanned Aerial Systems Welding Technology

CAREER AND TECHNICAL EDUCATION COURSES

AGRICULTURE: ANIMAL SYSTEMS	
<p>Survey of Agriculture Systems 491150 Grades 9-12</p>	<p>Survey of Agriculture Systems is a yearlong course. In this course, students will experience hands-on activities, projects, and problems. Student experiences will involve the study of communication, the biological science of agriculture, plants, animals, natural resources, and agricultural mechanics. While surveying the opportunities available in agriculture and natural resources, students will learn to solve problems, conduct research, analyze data, work in teams, and take responsibility for their work, actions, and learning. Students can also participate in FFA.</p>
<p>CASE Animal Science **Honors 5.0** 491160 Grades 10-12</p>	<p>CASE Animal Science students will have experiences in various animal science concepts. This will involve the study of animal anatomy, physiology, behavior, nutrition, reproduction, health, selection, and marketing. Students will explore hands-on projects and activities to learn the characteristics of animal science and work on major projects and problems similar to those that animal science specialists, such as veterinarians, zoologists, livestock producers, and industry personnel, face in their respective careers. <u>PRE-REQUISITE: Introduction to Agriculture, Food, and Natural Resources</u></p>
ARTS, AV TECH, AND COMMUNICATION: TV PRODUCTION	
<p>Fundamentals of TV Production 493420 Grades 9-12</p>	<p>Fundamentals of TV Production is the basic core course dealing with video and audio production aspects. Students will study the basics of television production as well as other forms of audio-video communication such as, graphics and sound production for video. They will study the history of Television, Audio-Video Technology, available careers, and skills necessary for employment in this pathway. Students will also have the opportunity to be a part of the Technology Student Association as well.</p>
<p>Intermediate TV Production 493430 Grades 10-12</p>	<p>Intermediate TV Production is the mid-level core course for students in the Arts/Communications pathway. Students will go beyond the basics of film and television production and develop specialties in one or more forms of audio-video communication such as camerawork and editing, animation, graphics and sound production for video. Students will work as a team to complete various productions including the weekly broadcast- The Airedale. These students will expand their knowledge of different types of software and techniques used in production, work on more complicated projects, as well as take on mentoring and leadership roles in the production process. <u>PRE-REQUISITE: TV Production I</u></p>
<p>Advanced TV Production 493440 Grades 11-12</p>	<p>Advanced TV Production is the third course in the TV Production pathway. It is project-based instruction and is an extension of the Fundamentals and Intermediate courses. It provides classroom training and instruction for the advanced student that is over and above the basic core course requirement. The content builds on the knowledge, skills, and abilities taught in the previous courses. <u>PRE-REQUISITES: TV Production I and II</u></p>
<p>Production Management 493670 Grade 12</p>	<p>Production Management is a course for fourth year students in the TV Production pathway. This class focuses on filming LIVE events, sports and productions for the Alma School District and community. <u>PRE-REQUISITES: Completion of TV Production I, II, and III and consent of the instructor Mr. Matt Farrell.</u></p>

BUSINESS: BUSINESS FINANCE	
Survey of Business 492120 Grade 9	This is a yearlong course designed to prepare students with an introduction to business applications that 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 webpage design. Students will have the opportunity to earn Microsoft Office Specialist Certifications in this class.
Financial Planning 492290 Grades 10-12	Financial Planning is a yearlong course that introduces students to the basic concepts of financial literacy and then builds to provide an in-depth study of personal financial planning. Topics of discussion include the use of credit, taxes, insurance, investment strategies, and retirement planning. Students will learn how to manage their earnings and develop an effective financial plan for their future. In addition, the basics of business financial planning will also be discussed including how to use financial information to make good business decisions.

EDUCATION: TEACHING AND TRAINING	
Life Span Development (Child Development) 493020 Grades 10-12	Life Span Development (formerly known as Child Development) is a great class for anyone who will one day be around children. Students will study topics such as parenting, pregnancy, prenatal development, stages of growth and development, the responsibilities of parents, and careers related to child development.
Orientation to Teaching I 493240 Grades 10-12	Orientation to Teaching I is for sophomores, juniors and seniors and is 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 will observe teachers as well as direct student instruction.
Orientation to Teaching II 493270 Grades 11-12	Orientation to Teaching II is 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. <u>Students must provide their own transportation and travel to their assigned field experiences.</u> At the end of this course, students will have the opportunity to take the Praxis for Paraprofessionals and become a Certified Teaching Assistant.
Concurrent Education and Training *Honors 4.5* 590520 Grades 11-12	This concurrent course through Arkansas Tech University offers three hours of college credit for an Introduction to Teaching course as well as a high school credit. The course will investigate the role of the school as part of an organization, unique qualities of effective schools, trends in education, and the roles and qualities of an effective teacher. Students will also learn about ethics and values in education. At the end of this course, students will have the opportunity to take the Praxis for Paraprofessionals and become a Certified Teaching Assistant. <u>PRE-REQUISITE: Score of 19 on the Reading and English portions of the ACT.</u>

FAMILY AND CONSUMER SCIENCE: NUTRITION SCIENCE

Intro to Family and Consumer Science 493080 Grades 10-12	Want to try something new? Sewing maybe just the thing for you! We will start off learning the basics of sewing and work our way through many different projects. Some of the projects include pillows, key fobs, potholders, and bags. You will also learn how to use the embroidery machines. During the second semester, you will learn how to sew a lap quilt for the nursing home and will have a chance to make a quilt for yourself. This is a fun “hands on” course.
Food Safety & Nutrition 493110 Grades 10-12	If you like food, you will LOVE this class! You will learn about food safety, kitchen safety, foods from other countries, and how to make healthy food choices. You will spend time in the kitchen each week cooking and trying new recipes.

GOVERNMENT AND PUBLIC ADMINISTRATION: NAVY JROTC

NJROTC Health/PE 480950/485950 Grades 9-12	The first year in the Navy JROTC program will provide students with their semester PE credit as well as a semester Health credit. NJROTC is a program designed to teach self-discipline, self-confidence, and leadership skills. The curriculum, instruction, and activities are designed to develop leadership ability regardless of career path. Topics of instruction include: the uniform and proper wear, basic marching and drill, military traditions, courtesies, and etiquette, shipboard organization and orientation, land navigation, and citizenship.
NJROTC I 495850 Grades 10-12	NJROTC I is an extension of NJROTC Health/PE and includes continued training in self-discipline self-confidence, and leadership skills. Topics include leadership, citizenship, oceanography, ships and shipboard evolutions, Naval history, navigation, nautical sciences such as maritime geography, oceanography, meteorology, astronomy, and physical science.
NJROTC II 495860 Grades 11-12	NJROTC II is an extension of NJROTC I and advanced skills will be covered. Topics include sea-power and national security, naval operations and support functions, military law, ship construction and damage control, basic seamanship, marine navigation, naval weapons and aircraft. <u>PRE-REQUISITE: NJROTC I</u>
NJROTC III 495870 Grade 12	NJROTC III is an extension of NJROTC II and advanced leadership skills will be covered. Practical application and hands on experience in applying leadership skills is stressed. <u>PRE-REQUISITES: NJROTC I and NJROTC II</u>

HEALTH SCIENCE: SPORTS MEDICINE	
Foundations of Sports Medicine 494050 Grades 10-11	Foundations of Sports Medicine provides students with a general overview of sports medicine and its history from the perspective of the healthcare community. Topics include injury prevention, treatment, rehabilitation, psychosocial factors of sports medicine, and administration. Students will gain an understanding of sports medicine and the role it plays in the athletic community. Students will be members of the Health Occupations Students of America Organization. Clinical hours are required each semester in Team Sports. <u>CO-REQUISITE/PRE-REQUISITE: Concurrent enrollment in Team Sports and Teacher Approval</u>
Sports Medicine Injury Assessment 494070 Grades 11-12	This class is an extension of Foundations of Sports Medicine. Students will continue their study of the topics begun in the foundational course. <u>CO-REQUISITE/PRE-REQUISITE: Concurrent enrollment in Team Sports, Completion of Foundations of Sports Medicine, and Teacher Approval</u>
Anatomy and Physiology 424030 Grades 11-12	Anatomy and Physiology is a course designed to be a preparatory course for students who will study in the health occupations. The course will develop an understanding of the organization of the human body through studies of body systems, tissues, the cell, and basic chemistry. This course covers the basic structure and function of human organ systems including mechanisms of homeostasis and disease. Laboratory sessions involve dissection, microscopy, demonstration, and/or experimental modeling of concepts.

MARKETING: MARKETING BUSINESS ENTERPRISE	
Survey of Business 492120 Grade 9	This is a yearlong course designed to prepare students with an introduction to business applications that 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 webpage design. Students will have the opportunity to earn Microsoft Office Specialist Certifications in this class.
Marketing Business Enterprise 492330 Grades 9-12	Marketing Business Enterprise is a full year course designed to provide students with the basics of promotion, selling, and business skills. Instruction focuses on job skills, resume building, and entrepreneurship. <i>Aire-looms</i> is the lab for this class. Students in this class will have the opportunity to be a part of the DECA Organization.
Small Business Operations 492700 Grades 10-12	Small Business Operations is the class is for you if you want to participate in running the school store. Class work will consist of operating <i>Aire-looms</i> . <u>PRE-REQUISITE: Administrator and DECA Advisor approval</u>

Advanced Marketing 490850 Grades 11-12	Advanced Marketing is a course for students who have already taken the Marketing Business Enterprise course or other foundational marketing electives. Students will expand on their knowledge of promotion, selling, and business skills.
Fashion Merchandising (492190) Grades 9-12	Fashion Merchandising is a semester class that will look at the fashion industry from accessories, brands of clothing, and selling fashion to the designers themselves! <i>Aire-Jooms</i> is the lab for this class. This course DOES NOT COUNT toward completer status in the Marketing Business Enterprise Pathway.
Organizational Leadership (492780) Grades 10-12	Organizational Leadership is a semester course that offers a foundation for understanding and evaluating organizational leadership. It examines topics such as professionalism, organizational behavior, trends and issues, creativity, innovation, leadership, and teamwork. The projects in this class can be co-curricular and students can use this class to help them develop and improve DECA, Science Fair, and History Day projects amongst other projects they may have for school or community activities. This is a semester course, but students can take it twice if they wish to have it for the full year. This course DOES NOT COUNT toward completer status in the Marketing Business Enterprise Pathway.
Marketing Work 492340 Grades 11-12	To receive early dismissal from school and receive a school credit for your job, this class is taken with the marketing class. <u>PRE-REQUISITE: Dual enrollment in a Marketing Course, Employment, and approval of application by Ms. Siler.</u> Applications are available in the counselor's office or Room 1105. Students must also meet AAA eligibility guidelines – (2.00 GPA)

STEM: MOBILE APPLICATION DEVELOPMENT	
Mobile App Devt I/II 465310 Grades 9-12	Have you ever wondered how your favorite mobile applications are developed? Mobile Application Development I/II is designed to help you build a solid foundation in programming fundamentals. You'll get practical experience with the tools, techniques, and concepts needed to build socially useful apps. You'll also learn interface design principles, which are fundamental to programming and making great apps. Assignments will be project-based and foster collaboration and creativity. Prior programming experience is not required for this course. <u>CO-REQUISITE: Enrollment in Algebra I or a higher math</u>
Mobile App Devt III/IV 465330 Grades 10-12	This course is for students who have already completed Mobile App Development I/II and is an extension of the learning from the first-year course. Assignments will be project-based and foster collaboration and creativity. <u>PRE-REQUISITE: Completion of Mobile App Development I/II</u>
Advanced Programming **Honors 5.0** 465050 Grades 11-12	Advanced Programming 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. <u>PRE-REQUISITE: Completion of Mobile App Development I/II/III/IV</u>

STEM: PRE-ENGINEERING	
Introduction to Engineering Design 495480 Grades 9-11	Introduction to Engineering Design will allow students to employ engineering and scientific concepts in the solution of engineering design problems. Students will use a 3D CAD software to design solutions to solve proposed problems. Students will develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges that increase in difficulty throughout the course. Students also have the opportunity to receive college credit for Engineering Graphics I if they attend Arkansas Tech University. Students can also be a member of the Technology Student Association.
Principles of Engineering 495490 Grades 10-12	In Principles of Engineering, students will explore a broad range of engineering topics including mechanisms, the strength of structures and materials, automation, and physics concepts. Students develop skills in problem solving, research, and design, and C++ programming. Students also have the opportunity to receive college credit for Intro to Mechanical Engineering if they attend Arkansas Tech University. <u>PRE-REQUISITE: Introduction to Engineering Design or Teacher Approval</u>
Civil Engineering and Architecture **Honors 5.0** 495440 Grades 11-12	The major focus of the Civil Engineering and Architecture course is to expose students to design and construction of residential and commercial building projects, design teams and teamwork, communication methods, engineering standards, and technical documentation. Using industry-grade technology, students will dive deep into the civil engineering field and explore its impact on designing architecture. Students will create 3D digital models using Autodesk Revit and a physical scale models of various designs. <u>PRE-REQUISITE: Completion of IED and POE or Teacher Approval</u>

WESTERN ARKANSAS TECHNICAL CENTER	
Morning WATC 999991 999992 999993 Grades 11-12	Students who have been approved to take classes at the Western Arkansas Technical Center may sign up for this. WATC will take the place of three elective periods and students should use these codes- one in each spot on the course request form.
Afternoon WATC 999995 999996 999997 Grades 11-12	Students who have been approved to take classes at the Western Arkansas Technical Center may sign up for this. WATC will take the place of three elective periods and students should use these codes- one in each spot on the course request form.

OTHER ELECTIVE COURSES

FOREIGN LANGUAGE ELECTIVES	
French I 441000 Grades 9-12	Parlez-Vous Francais? Learn common phrases, basic conversation, and expressions. See how other cultures live and what their forms of entertainment are. A second language can be beneficial to everyone whether it is for pleasure or for a future career. <u>PRE-REQUISITE: C Average in English</u>
French II 441010 Grades 10-12	Je parle Francais. This is a more in-depth study of the French language and culture. The emphasis will be on speaking. <u>PRE-REQUISITE: French I</u>
French III *Honors 4.5* 441030 Grades 11-12	French III reinforces and expands on listening, reading, and writing skills. The exploration of the language continues through literature, authentic materials, and culture. <u>PRE-REQUISITES: French I and French II</u>
Spanish I 440000 Grades 9-12	Spanish I includes four component areas of a foreign language: reading, writing, listening and speaking. Students will be introduced to an extensive amount of vocabulary and verbs and will learn common phrases, basic conversation, and cultural information. This course needs to be pursued by the serious learner. This course is both exciting and challenging. <u>PRE-REQUISITE: C average in English.</u>
Spanish II 440020 Grades 10-12	Spanish II is a more in-depth study of the Spanish language and culture. The emphasis will be on speaking. <u>PRE-REQUISITE: Spanish I</u>

JOURNALISM ELECTIVES	
Fund. of Journalism (415001) Grades 9-12	Fundamentals of Journalism is a semester course that will introduce students to the field of journalism. Students will learn about the history of journalism and its role in society today. Topics of study will include journalistic law and ethics, the basics of print journalism, the basics of broadcast journalism, and the importance of objectivity, responsibility, and credibility. This class is a prerequisite for those students wanting to be a part of the school's yearbook or newspaper staff.
Journalism-Newspaper 41500N Grades 10-12	The Newspaper Staff class is responsible for the production of the school newspaper. Students enrolled in this course will use their knowledge of writing to produce The Paw Print. <u>PRE-REQUISITE: Fundamentals of Journalism and consent of Mrs. Carole Medlock, the instructor</u>
Journalism-Yearbook 41500Y Grades 10-12	The Yearbook Staff class is responsible for the production of the yearbook. Students enrolled in this course will use skills in photography, writing, and design layout to create the yearbook for the school year. <u>PRE-REQUISITE: Fundamentals of Journalism and the consent of Mrs. Carole Medlock, the instructor</u>

ONLINE LEARNING OPPORTUNITIES

In order to address the career interests and best prepare students for life after high school, juniors and seniors now have the opportunity to receive credit for the completion of online courses. DEPENDING ON THE STUDENT'S SCHEDULE, THERE MAY OR MAY NOT BE A PERIOD SCHEDULED INTO THE DAY FOR STUDENTS TO WORK ON THESE COURSES. However, there will be a computer lab open each morning beginning at 7:40 for the use of students enrolled in online learning. There will also be an Alma teacher to monitor your progress on the course. Students will receive grades based both on their progress and their grade on the coursework.

PRE-REQUISITE: Application submitted to the Counseling Center.

<p>999990 Grades 11-12</p> <p>**All of these courses will use the same code. Write which course you plan to take on the course request form**</p>	<p><u>Spanish III (1 credit)</u>- This course will apply the Spanish tenses that students learned in Spanish I and Spanish II to real-world scenarios. Units include volunteerism, politics, citizenship, the workplace, etc. and are intended to teach students how to communicate in Spanish both in their jobs and in the community. PRE-REQUISITES: Spanish I and Spanish II</p>
	<p><u>German I (1 credit)</u>- This course explores the German culture and covers the alphabet, spelling, numbers, and simple words and commands. Students will learn to conjugate German words and to speak basic conversational German. A second year course is available for students who complete this course.</p>
	<p><u>Medical Terminology (.5 credit)</u> - This course couples anatomical instruction with key medical terminology. Students will explore the structures, functions, and terms related to all bodily systems and learn to decode medical terminology. This course also investigates specific health care professions to help students understand how terminology is applied across the field of health care.</p>
	<p><u>Accounting (1 credit)</u> -This course covers the process of reading, analyzing, classifying, summarizing, and communicating accounting information. Students will learn to interpret and formulate financial information for use in management decision making.</p>
	<p><u>HVAC I (1 credit)</u> - This course provides a basic foundation of knowledge and skills for a career in the Heating, Ventilation, Air Conditioning, and Refrigeration field. Students will learn about each of the components of this field, safety regulations, and the employment opportunities for HVAC professionals. A second year course is available for students who complete this course.</p>
	<p><u>Electrical Technology I (1 credit)</u> - This course prepares students with a general foundation of knowledge and practice necessary for a career in the construction field. The content covers circuits, electrical codes, conduit, construction drawings, and wiring among other topics. A second year course is available for students who complete this course.</p>
	<p><u>Plumbing (1 credit)</u> - This course is a general foundation for students interested in a career as a plumber or in general construction. Topics include safety, tools, math for plumbing, construction drawings, fitting, cutting, joining, and soldering pipes, installing fixtures, water systems, and other topics.</p>

SCIENCE ELECTIVES	
AP Chemistry **Honors 5.0** 521030 Grade 12	AP Chemistry students will study composition of matter, atomic structure, and solution chemistry (acid-base reactions, reduction-oxidation reactions and electro-chemistry) using laboratory and classroom experiences. Lab work will include writing procedures, collecting data and analyzing results. AP Chemistry curriculum is approved by the College Board. Students are to have successfully completed a basic chemistry course and minimum of Algebra II before attempting AP Chemistry. Students are advised to plan a minimum of 3-4 hours per week, outside of class time, to work on assigned problems and concepts. AP Chem Lab is held during "0" hour. Participation in science fair is required. The AP Exam is required for completion of this course. <u>PRE-REQUISITE: Pre-AP Chemistry and/or Teacher Approval</u>
AP Biology **Honors 5.0** 520030 Grades 11-12	The AP Biology course is designed to match the curriculum of a college-level introductory biology course. The intent of the course is to expose students to higher level biological principles, concepts, and skills and to allow them the opportunity to apply their knowledge to real-life applications in a variety of methods. Big ideas that permeate the entire course are interactions at all levels, genetics and information transfer, the cellular processes of energy and communication, and evolution. The curriculum is provided by College Board. Participating in Science Fair is required. The AP Exam is required for completion of the course. <u>PRE-REQUISITE: Pre-AP Biology and/or Teacher Approval</u>
Anatomy and Physiology 424030 Grades 11-12	Anatomy and Physiology will develop an understanding of the organization of the human body through studies of body systems, tissues and the cell and its chemistry. Students should expect to be engaged in the laboratory dissecting and viewing body systems. Students will collect and analyze data and use appropriate technology and lab equipment. This is a good college preparatory class for students who will study in the health occupations.
Concurrent Intro to Biological Sciences *Honors 4.5* 529910 Grade 12	The Intro to Biological Sciences course can earn students four hours of college credit through Arkansas Tech University upon completion. This course is an in-depth study of biological principles and interrelationships of biology with other sciences. Topics include cellular structure, intermediary metabolism, differentiation, population genetics, ecology, and evolution. <u>PRE-REQUISITE: ACT Scores of 19 on the Reading AND Math sections</u>

SOCIAL STUDIES ELECTIVES	
AP European History **Honors 5.0** 579170 Grade 12	AP European History will focus upon European history from 1450 to the present. The study includes examining the diplomatic, political, intellectual, cultural, social, and economic history of Europe. Students are required to participate in National History Day. <u>PRE-REQUISITE: Pre-AP World History and/or Teacher Recommendation</u>
Concurrent Credit World History *Honors 4.5* 579910 Grade 12	This concurrent credit course can earn students six hours of college credit through Arkansas Tech University, three hours for World History to 1500 and three hours for World History from 1500. World History to 1500 provides a brief history of civilization from the Pre-Historic Period to 1500 AD. This course will examine the political, economic, and cultural topics that are relevant to the development of human society as well as long-term patterns that have affected the human race. World History from 1500 provides a brief history of civilization from 1500 AD to the present. This course will examine the political, economic, social, and cultural topics and long-term patterns that shaped modern societies. <u>PRE-REQUISITE: ACT Scores of 19 on the Reading AND English sections</u>

AP Psychology **Honors 5.0** 579120 Grades 11-12	AP Psychology is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.
United States Government (474100) Grades 10-12	The United States Government course is a semester elective that will focus on the function of the governmental system of the United States. Current events in US government will be a constant topic as students discover how the government functions on a day-to-day basis.
Arkansas History (473000) Grades 10-12	This one semester course covers the history of Arkansas and its political leaders. It also covers the history of Crawford County. Students will learn about the geography of the state as well as the different historical events that have shaped Arkansas as it is today.
Psychology (474400) Grades 11-12	Psychology is a one semester course that provides a broad overview of the study of human behavior. This will enable the individual to better understand himself/herself, others, and the way people behave. Many students take this course paired with the Sociology course.
Sociology (474500) Grades 11-12	Sociology is a one semester course that introduces students to the social systems that are the foundation of society. An emphasis will be placed on culture and socialization, social status, social institutions, and social problems; as well as the effects and influence on behavior. Many students take this course paired with the Psychology course.
World Geography (474600) Grades 10-12	The World Geography course will focus on the interaction of humans and their physical and cultural environments. The study will include the five major themes of geography and their impact on today's world. Current events around the world will be a continuous topic as students examine how the interaction between countries affects each of us.

VOCATIONAL, COLLEGE PREP, AND CAREER ELECTIVES	
ACT Prep (999880) Grades 10-12	This is a semester course in which students participate in skill building and testing strategy for the ACT. Students will review content in English, Math, Reading, and Science Reasoning in hopes of increasing ACT composite scores to the level needed to qualify for admission into college and scholarships to extend their post-secondary education. Scores in subtest categories can be used to qualify for concurrent courses offered at AHS. Students are strongly encouraged to take the ACT when offered while they are a member of this course.
Community Service Learning 496010 Grade 12	Community Service Learning is a course for seniors only. Students will tutor and mentor students at other schools or provide service somewhere in the community. Students will be assigned to a supervisor for the purpose of completing community service. <u>Students must provide their own transportation and travel daily to their assigned location.</u> Students will meet periodically with their supervising teacher at AHS. Reflections and other written assignments are requirements of the curriculum. <u>PRE-REQUISITE: 19 credits, 2.0 GPA, and good attendance and discipline records.</u>

Jobs for Arkansas Graduates 493780 Grades 11-12	Jobs for Arkansas Graduates is a school-to-work program designed to assist students who have barriers to success in graduating from high school and obtaining meaningful employment. The program's goal is to prepare students for workplace success. The class content will focus on job skills and the interview process. Students who are in this program will have the opportunity to receive credits for working an off-campus job.
JAG Work 493800 Grades 11-12	JAG Work is the work portion of the Jobs for Arkansas Graduates Program. Students must have and maintain a job in order to qualify for this portion of the program.
Career Readiness 493900 Grades 11-12	This course is an internet based learning class that includes courses in career awareness and exploration, career preparation, job search, career success skills, financial awareness, and foundational work skills measured by the ACT Work Keys job skills assessment system. Students will also look for and apply for college scholarships and complete job applications.

NON-CREDIT CLASSES	
Library Aide 999831 Grades 10-12	Students may elect to be a Library Aide in the library during a class period. This is a non-credit class. Students are expected to be present in the library every day and to complete tasks assigned to them. Students do not get to choose which period they are assigned as a library aide. <u>PRE-REQUISITE: Form signed by the librarian</u>
Office Aide 999832 Grades 10-12	Students may elect to work as an Office Aide during a class period. This is a non-credit class. Students are expected to be present in the office every day and to complete tasks assigned to them. Students do not get to choose which period they are assigned as an office aide. <u>PRE-REQUISITE: Form signed by office personnel on file in the office</u>
Student Aide 999830- full year (99983S)- sem Grades 10-12	Students may elect to be a Student Aide for the teacher of their choice for a semester or the entire school year. This is a non-credit class. Students are expected to be present in their aide class every day and to complete tasks assigned to them by the teacher. Students do not get to choose which period they are assigned as a Student Aide. <u>PRE-REQUISITE: Form signed by teacher on file in the office</u>
Dismissal 1 999991 Grade 12	Senior students may arrive late to school if they have a form on file in the office signed by parents or guardians and they are on track for graduation. Students must have 19 credits and their own transportation to school. Students are not allowed to be on campus during their dismissal period. <u>PRE-REQUISITE: Form signed by parent/guardian in the office.</u>
Dismissal 7 999997 Grade 12	Senior students may leave early from school if they have a form on file in the office signed by parents or guardians and they are on track for graduation. Students must have 19 credits and their own transportation to school. <u>PRE-REQUISITE: Form signed by parent/guardian in the office.</u>
Athlete Skill Development 999820 Grades 10-12	Athlete Skill Development is designed for athletes who wish to have another period in their school day to put toward developing their skills in their chosen sport. Strength training and conditioning as well as other activities will be conducted by the coaches. This course will receive NO CREDIT.