

AHS

Course Catalog



2021-2022

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ORGANIZATIONAL STATEMENTS

Our Mission: The Mission of Arkadelphia High School is to provide our students with the guidance necessary to become successful and contributing adults equipped for the challenges facing our changing global society.

Our Vision: Our vision, as a learning community, is to equip all students to become successful and contributing adults.

Our Motto: *Commitment to Excellence*

PHILOSOPHY

We believe that the purpose of Arkadelphia High School is for the faculty and staff to establish an atmosphere that maximizes the teaching and learning process in order to assist each student in realizing his/her fullest potential.

We believe that staff utilization of classroom management procedures, administrator's feedback on instruction, effective use of educationally sound teaching strategies, continuous professional development, and parent promotion of attendance should enhance each student's opportunity to learn.

We believe that parents should embrace the teaching and learning process by limiting classroom interruptions and by becoming involved in the students' schooling through various options provided by the staff.

We further believe that curriculum, instruction, testing, and constant monitoring and feedback of each student's progress should be used to make decisions in improving teaching and learning.

We also believe that all students should be expected to learn and master the basic literacy skills, and that all adults involved with their learning should stress academic achievement.

We believe that the principal is the instructional leader and should model the school's purpose as well as set high expectations for all, especially students and staff.

We believe that a positive school climate should be provided and maintained through a safe physical plant as well as positive interaction among teachers, students, and administrators.

AHS GRADUATION POLICY

Arkadelphia School District No. 1 offers two diplomas (regular and advanced). Students must complete all requirements for graduation or an individual education plan in order to participate in the graduation ceremony.

A. ADVANCED DIPLOMA-27 credits as follows:

- 4 Pre-AP English 9 & 10, AP Language, AP Literature

- 4 Math- Algebra I*, Pre-AP Geometry*, Pre-AP Algebra II*, Algebra III, Pre-Calculus (with Trigonometry), College Algebra, AP Calculus, AP Statistics. At least one of the listed courses beyond Algebra II must be taken during the senior year. A math course must be taken each year.

- 4 Science-Physical Science Integrated, Biology Integrated, Chemistry Integrated (may be regular or Accelerated), *and* one of the following courses: AP Chemistry, AP Biology, AP Physics, or AP Environmental Science. Although doubling up on science courses is recommended for future STEM majors, **a science course must be taken each year.**

- 4 Social Studies- Civics/Economics*, Pre-AP World History*, United States History*, and one of the following courses: AP American Government and Politics, AP U.S. History or AP European History. At least one course in Social Studies must be AP.

- 2 Foreign Language (two years of the same language)

- ½ Health***
- ½ Physical Education****

- ½ Fine Arts**
- ½ Oral Communications*

- 1 Computer Applications Course: IED, AP Computer Science A, Computerized Business Applications, Survey of Business, EAST I

- 6 Electives
- 27 Total Credits**

The eight (8) semesters GPA must be 3.300 or greater.

B. REGULAR DIPLOMA- 26 credits as follows:

4	English*
4	Math- Algebra I*, Pre-AP Geometry*, Pre-AP Algebra II*, and a math course senior year. A math course must be taken each year.
3	Science-Physical Science Integrated, Biology Integrated, Chemistry Integrated
3	Social Studies- Civics/Economics*, Pre-AP World History*, United States History*
½	Health***
½	Physical Education****
½	Fine Arts**
½	Oral Communications*
10	Electives
26	Total Credits

*These courses are required by the Arkansas Department of Education.

**Band or Choir or Theater may be substituted for the Fine Arts requirement for both REGULAR and ADVANCED DIPLOMAS.

***2 years of ROTC may be substituted for health for both REGULAR and ADVANCED DIPLOMAS.

****1 semester of Athletics or 1 year of ROTC may be substituted for P.E. for both REGULAR and ADVANCED DIPLOMAS.

-- All courses (including traditional activity course yield 1/2 credit per semester).

-- No credit will be given for teacher aide, counselor aide, work permit, or office aide.

-- A maximum of 2.5 credits may be from Athletics.

-- Students enrolled in Advanced Placement courses will be awarded an additional quality point for each AP course passed and the completion of the AP exam. College courses are not eligible to receive the extra quality point.

-- All seniors must be enrolled in five credit courses each semester.

GRANTING CREDIT

- Credit toward graduation requirements are granted on completion of courses taken during grades 9 – 12 (unless ADE approved Algebra I taken in 7th or 8th grade).

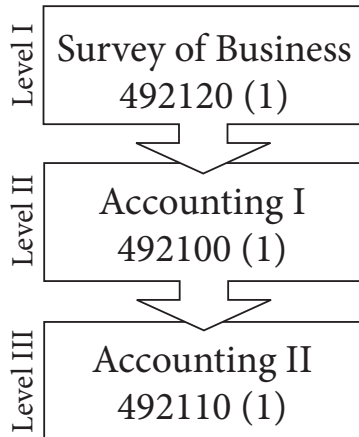
AHS Career Pathways *2020-2021 and beyond*

Career pathways lead students to concentrate course study in a career track. Through completion of a pathway students earn a concentrator seal on their diploma and earn a career medal to wear at the AHS graduation ceremony. The Level I course **must** be taken first in ALL pathways.

BUSINESS & MARKETING

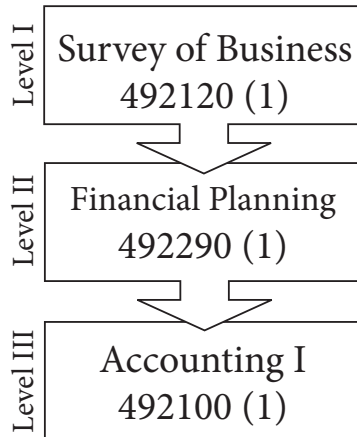
Survey of Business is the Level I course for ALL Business & Marketing pathways.

Accounting



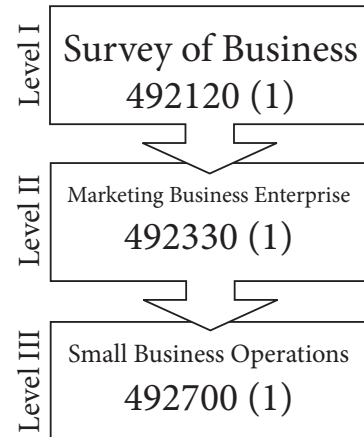
Certifications:
MOS,
Excel Expert
Intuit QuickBooks

Business Finance



Certifications:
MOS,
Word or Excel,
Everfi-Personal Finance

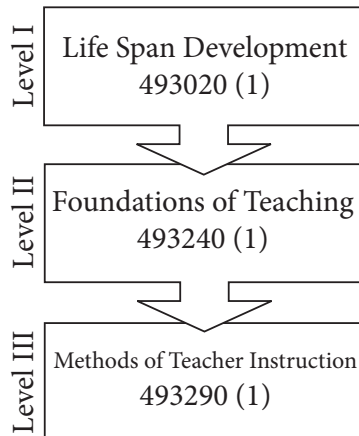
Marketing Management



Certifications:
MOS,
NRT Customer
Service & Sales

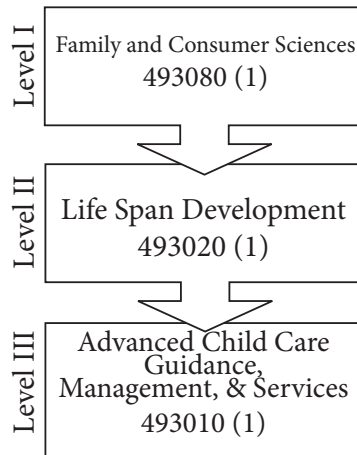
FAMILY & CONSUMER SCIENCES

Pre-Educator



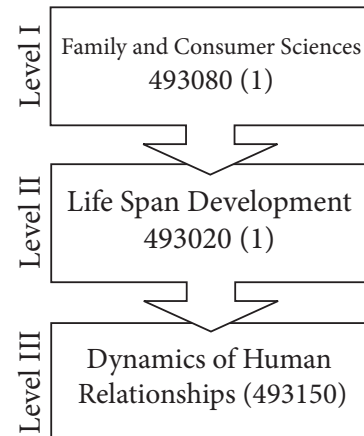
Certifications:
CPR, Certified
Teacher Assistant,
ParaPro Praxis

Human & Social Services: Child Care Guidance, Management & Services



Certifications:
CPR, First Aid,
Child Care: Aid,
Assistant, or Teacher

Human & Social Services: Dynamics of Human Relationships



Certifications:
CPR, ServSafe Food
Handler

STEM

Science, Technology, Engineering, & Math

Government

National Security

Computer Science: Programming

Pre-Engineering PLTW

Army JROTC

Level I
AP Computer Science Principles
565010 (.5) & 565020 (.5)

Level I
Principles of Engineering
495490 (1)

Level I
Army JROTC I
495790 (1)

Level II
AP Computer Science A1 & A2
565110 (.5) & 565120

Level II
Introduction to Engineering Design
495480 (1)

Level II
Army JROTC II
495800 (1)

Level III
Computer Science Internship
CS Concurrent Credit

Level III
Comp. Int. Man. 495450 (1)
Digital Electronics 496460 (1)
AP Computer Science Principles 565010 (.5) & 565020 (.5)
Civil Engineering and Architecture 495440 (1)

Level III
Army JROTC III
495810 (1)

Certifications:
Microsoft
Technology
Assistant

Certifications:
Autodesk Inventor
Certified User,
Autodesk Revit
Certified User

Certifications:
N/A

TRADE & INDUSTRY

Aviation Technology

Medical Professions

Sports Medicine

Level I
Aviation I
494250 (1)

Level I
Foundations of Health Care
495350 (1)

Level I
Foundations of Sports Medicine
494050 (1)

Level II
Aviation II
492330 (1)

Level II
Anatomy/Physiology
424030 (1)

Level II
Anatomy/Physiology
424030 (1)

Level III
Aviation Lab
490020 (1)

Level III
Medical Term. 495360 (.5)
Pathology 495290 (.5)
Abnormal Psych 495370 (.5)
Human Behaviors 495320 (.5)

Level III
Medical Term. 495360 (.5)
Pathology 495290 (.5)
Human Behaviors 495320 (.5)

Certifications:
NOCTI,
OSHA,
CRC

Certifications:
NOCTI,
CRC

Certifications:
NOCTI,
CRC

COURSE DESCRIPTIONS
ENGLISH

410001 English 9 Pre-AP (9th)

1 Year, 1 Unit

Prerequisites: None

Course: Pre-AP

Students will read and analyze a variety of texts by numerous authors from several genres and explore the characteristics of each. They will recognize and understand the concept of theme. They will apply critical thinking skills through reading, writing, speaking, and listening strands. Students will practice writing in a variety of genres and development language arts skills through that writing and in writing workshops. Students will achieve learning objectives through project-based learning and technology as a learning tool. **All students enrolled in this course are required to take the ACT ASPIRE exams at the end of the year. *NCAA Core Course***

411001 English 10 Pre-AP (10th)

1 Year, 1 Unit

Prerequisites: English 9

Course: Pre-AP

English 10 is a course with an emphasis on the literature of the world. Students will survey and apply a wide variety of multicultural literature from diverse authors and various time periods. Using project-based learning, students will apply critical thinking skills using reading, speaking, writing, and listening strands of language arts. Students will explore these strands in writing, research, and through the use of technology as a learning tool. The grammar skills will be utilized in composition with students required to read and study additional selections. **All students enrolled in this course are required to take the ACT ASPIRE exams at the end of the year. Remediation is required before credit can be awarded for the course if a proficient or advanced score is not obtained on the exams. *NCAA Core Course***

412000 English 11 (11th)

1 Year, 1 Unit

Prerequisites: English 10

Course: Regular

Using project-based learning and technology as a learning tool, students will review grammar skills, emphasize expository and persuasive writing in preparation for the ACT, and read a variety of American Literature and nonfiction. **All students enrolled in this course are required to take the universal ACT. *NCAA Core Course***

413000 English 12 (12th)

1 Year, 1 Unit

Prerequisites: English 11 or AP Language

Course: Regular

After a review of grammar skills, students will work with expository writing and research skills. The literature will include mythology and Greek plays but will emphasize the literature of Britain, with a special unit on Shakespeare. Students will practice vocational-technical skills and those skills tested by ACT. Course availability is subject to student demand. ***NCAA Core Course***

517030 AP English Language and Composition (11th - 12th)

1 Year, 1 Unit

Prerequisites: Students must have passed 10th grade Pre-AP English

Course: AP

This course is intended to provide juniors who are interested in studying and writing analytic or persuasive essays on non-literary topics with a college-level emphasis in language, rhetoric, and expository, argumentative and narrative writing. Students read and write extensively and engage in discourse about their reading and writing. Literacy works related to classical British and American literature to provide a well-rounded junior English course, as approved by the College Board, will supplement the AP curriculum. Students will take the AP test for possible college credit; this three-hour test, given in May, requires a test fee, which will be paid by the state. To receive the extra quality point in GPA calculation, students must pass both semesters and complete the AP exam. **Eleventh graders enrolled in this course will be required to take the universal ACT. *NCAA Core Course***

517040 AP English Literature and Composition (12th)

1 Year, 1 Unit

Prerequisites: Enrollment at the Teacher's discretion

Course: AP

This course engages students in the careful reading and critical analysis of literature studies through close reading of various genres and periods of World and American literature. Writing assignments will include expository and analytical essays to increase the students' ability to explain clearly, cogently, and elegantly what they understand about literary works. The College Board has approved the AP curriculum. Students may choose to take the AP test for possible college credit. To receive the extra quality point in GPA calculations, students must pass both semesters and complete the AP exam.

NCAA Core Course

LANGUAGE ARTS

414200 Personal Communication (9th- 12th)

1 Semester, ½ Unit

Prerequisites: None

Course: Regular

Personal Communication will provide students with an understanding of the dynamics of effective communication while speaking, listening, and responding in the situations they encounter in day-to-day life. Students will practice communication competencies in both intrapersonal and interpersonal environments, prepare for both informal and formal communication, and participate in a variety of formal and informal personal communication experiences. This course will include but is not limited to responsible social media usage, communication barriers, mass media, conflict resolution, and research and organization skills. Students will participate in collaborative discussions and deliver informal and formal addresses. Personal Communication (0.5) fulfills the 0.5 unit of Oral Communication required for graduation. ***NCAA Core Course***

JOURNALISM

415000 Journalism (10th- 12th)

1 Year, 1 Unit

Prerequisites: None

Course: Regular

This course is designed for students who are interested in learning basic journalistic skills including news writing and photography for web-based publications. Students will gain understanding of the role of the free press in American and explore the history of journalism in the United States from inception in the Colonies and its key role in the First Amendment up through the 21st Century. **This class will be taught on-line. Course fees may apply.**

999130, 999131, 999132 Yearbook (10th- 12th)

Prerequisites: By application only

Not for Credit

Course: Regular

This course is designed for student interested in writing and expressing themselves in the school's yearbook. Top positions on the staff are limited to those who have served on the staff during their sophomore and junior years. Only those students who have completed a staff application, skills packet, and have been selected by the adviser to serve on the staff should enroll in this course.

FOREIGN LANGUAGES

440000 Spanish I (9th- 12th)

Prerequisites: None

1 Year, 1 Unit

Course: Regular

Spanish I is a study of basic grammar and vocabulary with emphasis on reading and beginner conversations in the Spanish language. Cultural aspects and incorporation of technology will also be included. ***NCAA Core Course***

440020 Spanish II (10th- 12th)

Prerequisites: Spanish I

1 Year, 1 Unit

Course: Regular

Spanish II is a continuation of the study of grammar and vocabulary with emphasis on reading and conversations in the Spanish language. Cultural aspects and incorporation of technology will also be included. ***NCAA Core Course***

440030 Spanish III (10th- 12th)

Prerequisites: Instructor Approval

1 Year, 1 Unit

Course: Pre-AP

Spanish III is an upper-level class for the advanced, college-bound student. Concentration will be on reading at an intermediate-advanced level, advanced grammar, language structure and vocabulary, and development of advanced, open-ended oral and written skills. This class is intended to facilitate student transition from high school to college. Frequent use of technology will be included. ***NCAA Core Course***

442000 German I (10th- 12th)

Prerequisites: None

1 Year, 1 Unit

Course: Regular

German I is a study of grammar and vocabulary with emphasis on speaking, reading, writing, and listening skills with an understanding of the cultures of the German-speaking world. **This class will be taught on-line. Course fees may apply.**

442010 German II (11th-12th)

Prerequisites: German I

1 Year, 1 Unit

Course: Regular

German II is a continuation of the study of grammar and vocabulary with emphasis on reading and conversations in the German language. Authentic reading materials and audio/video recordings enrich instruction. Cultural aspects and incorporation of technology will also be included. **This class will be taught on-line. Course fees may apply.**

MATHEMATICS

430000 Algebra I (9th)

1 Year, 1 Unit

Prerequisites: None

Course: Regular

This two-semester course introduces the basic principles of algebra including problem solving, solving equations, finding the equations of lines, graphing linear equations, graphing inequalities, exploring families of functions, simplifying expressions using exponents, multiplying and factoring polynomials, probability and statistics, exploring data, and developing a variety of problem solving techniques. **All students are required to take the ACT ASPIRE assessments at the end of the year. *NCAA Core Course***

431001 Geometry Pre-AP (9th-10th)

1 Year, 1 Unit

Prerequisites: Students must have both semesters of Algebra I

Course: Pre-AP

The study of geometry will help students acquire the skills necessary for logical and critical thinking, inductive and deductive reasoning, and problem solving. Topics include geometric shapes and their characteristics, volume, area, perimeter, trigonometric ratios, triangle similarity, tessellations, coordinate geometry, and polygons. A strong algebraic background is important for success in this course. **All students enrolled in geometry are required to take the ACT ASPIRE assessments at the end of the year. *NCAA Core Course***

432001 Algebra II Pre-AP (10th- 11th)

1 Year, 1 Unit

Prerequisites: Algebra I and Geometry

Course: Pre-AP

This is a course for students who have completed Algebra I and Pre-AP Geometry. Students will represent and analyze mathematical situations and properties using patterns, relations, functions, and algebraic symbols. They will analyze and apply methods for modeling, graphing and solving linear and absolute value equations and inequalities. Students will use algebraic, graphical and numerical methods to analyze, compare, translate and solve quadratic, polynomial and rational equations as well as graph exponential functions, relate them to logarithms and solve real world problems with them. Students will evaluate and interpret data, make predictions and apply their understanding of probability to solve real world problems. ACT topics will also be emphasized. **Sophomores who have completed Algebra I and have the recommendation of their Algebra I teacher and the Math Department Chairperson may double up and take both Pre-AP Geometry and Pre-AP Algebra II in the same year. This will enable these students to take higher math courses their senior year. Students should note that doubling up will NOT replace the required senior math course. Doubling up is only allowed so that students would be able to take a more advanced math course during their senior year. *NCAA Core Course***

439120 Quantitative Literacy (12th)

1 year, 1 Unit

Prerequisites: Algebra I, Geometry, and Algebra II

Course: Regular

This course builds on previous math classes 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.

439070 Algebra III (11-12th)**1 Year, 1 Unit****Prerequisites: Algebra I, Geometry, & Algebra II****Course: Advanced**

In this course students will use algebraic, graphical and numerical methods to compare, translate and solve linear, quadratic, polynomial, and rational equations. The students will solve real-world problems using exponential and logarithmic functions and find and draw graphs of inverse functions. Students will use sequences and series to analyze mathematical situations and will identify, create, and solve problems involving right and oblique triangles. A mathematics ACT score below 17 with high school math department recommendation. This course will be taught daily for two (2) semesters for one (1) high school math credit. ***NCAA Core Course***

433000 Pre-Calculus with Trigonometry (11th-12th)**1 Year, 1 Unit****Prerequisites: Algebra I, Geometry, and Algebra II****Course: Advanced**

This course is designed for students who excel in mathematics. It is expected that students who enroll in this course have plans to take AP Calculus during their senior year or a first semester college calculus course. Topics covered include, but are not limited to, using trigonometric identities, graphs of trigonometric functions, proving trigonometric identities, solving conditional trigonometric equations, Laws of Sines and Cosines, areas of triangles, vectors, complex numbers, polar coordinates, and parametric equations, families of functions, transformations, extrema, domain and range, graphing techniques, conic sections, probability and statistics, and limits. ***NCAA Core Course***

539030 AP Statistics (12th)**1 Year, 1 Unit****Prerequisites: C or better in Algebra II is recommended.****Course: AP**

The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students who successfully complete the course and exam may receive credit, advanced placement or both for a one-semester introductory college statistics course. Students are exposed to four broad conceptual themes: 1) Exploring Data—describing patterns and departures from patterns 2) Sampling and Experimentation—planning and conducting a study 3) Anticipating Patterns—exploring random phenomena using probability and simulation 4) Statistical Inference—estimating population parameters and testing hypotheses.

NCAA Core Course**534040 AP Calculus AB (12th)****1 Year, 1 Unit****Prerequisites: C's or better in Algebra I, Pre-AP Geometry,****Course: AP****Pre-AP Algebra II, and Pre-Calculus/Trigonometry are recommended.**

This is an extremely rigorous course and is designed to prepare students to take Calculus I at the college level. It is similar, but not equivalent to, college calculus. The content consists of limits, continuity, derivatives, integrals, and applications of these topics. The AP test will be given once at the end of the year. Scores on the exam will determine whether 3 hours college credit will be awarded and is determined solely by the college a student plans to attend. Attendance is extremely important; therefore, students who are often absent are discouraged from taking the course. ***NCAA Core Course***

SCIENCE

423000 Physical Science Integrated (9th)

1 Year, 1 Unit

Prerequisites: Algebra I (or concurrent enrollment)

Course: Pre-AP

Physical science- integrated is an integrated science course that focuses on conceptual understanding of foundational core ideas, science and engineering practices, and crosscutting concepts, and is composed of physical science, Earth and space science, life science, and engineering design standards. Pre-AP strategies will be incorporated into this course. **Principles of Engineering can be substituted for this course** **NCAA Core Course**

420000 Biology Integrated (9th- 10th)

1 Year, 1 Unit

Prerequisites: Physical Science Integrated and It is recommended

Course: Pre-AP

that students be enrolled in Geometry concurrently with this course.

Biology-integrated is an integrated science course that focuses on conceptual understanding of foundational life and Earth science core ideas, science and engineering practices, and crosscutting concepts and is an integration of life science, Earth and space science, and engineering design standards. Pre-AP strategies will be incorporated into this course. **NCAA Core Course**

520030 AP Biology (10th- 12th)

1 Year, 1 Unit

Prerequisites: Physical Science Integrated/Biology Integrated & Chemistry Integrated (may be taken concurrently)

Course: AP

This is a two-semester course. This course is the equivalent to a first year college Biology course. Students in this course must be highly motivated and strong independent learners. The general areas covered in this class are biochemistry, molecules and cells, heredity, and populations of organisms. Each student will also complete twelve college-board laboratories. Emphasis will be placed on understanding the themes and concepts of biology and to be able to support them with facts. **NCAA Core Course**

424030 Human Anatomy and Physiology (11th- 12th)

1 Year, 1 Unit

Prerequisites: Physical Science Integrated/Biology Integrated

Course: Advanced

Human anatomy and physiology develops understanding of key concepts that help them make sense of the interactions among systems within the human body. The ideas build upon student understanding of the disciplinary core ideas, science and engineering practices, and crosscutting concepts from earlier grades. **This course only meets the science credit, NOT Career Completer credit.** **NCAA Core Course**

421000 Chemistry Integrated (10th- 11th)

1 Year, 1 Unit

Prerequisites: Physical Science Integrated, Biology Integrated, Algebra 1 Algebra II concurrently with this course.

Course: Regular

Chemistry-integrated is an integrated science course that focuses on conceptual understanding of the foundational chemistry and physics core ideas, science and engineering practices, and crosscutting concepts and is composed of chemistry, physics, Earth and space science, and engineering design standards. Pre-AP strategies will be incorporated into this course. **NCAA Core Course**

42100A Chemistry Accelerated**1 Year, 1 Unit****Prerequisites: Algebra I & II; can be concurrently enrolled in Algebra II****Course: Advanced**

Chemistry II is a science course that builds upon students' understanding of the core ideas, science and engineering practices, and crosscutting concepts in the chemistry-integrated course. Candidates for this course are students who are seeking a deeper understanding of chemistry concepts. This course is recommended for students planning to enroll in AP Chemistry in the future.

521030 AP Chemistry (11th- 12th)**1 Year, 1 Unit****Prerequisites: Algebra I & II, Chemistry Integrated Accelerated****Course: AP****Physical Science Integrated, Biology Integrated**

This is a two-semester course. This course is the equivalent of the general chemistry course take during the first year of college. Students taking this course will be expected to attain an in-depth understanding of fundamentals and a reasonable competence in dealing with chemical problems. The course will contribute to the development of the student's abilities to think clearly and to express their ideas orally and in writing, with clarity and logic. Emphasis will be placed on chemical calculations and the mathematical formulation of principles, and college level type labs. **NCAA Core Course**

422000 Physics (11th- 12th)**1 Year, 1 Unit****Prerequisites: Candidates for this course are students who have Completed Chemistry Integrated, Physical Science Integrated and it's recommended that students have completed or are concurrently enrolled in an Algebra II course.****Course: Regular**

Physics is a science course that builds upon students' understanding of the core ideas, science and engineering practices, and crosscutting concepts in the chemistry-integrated course. The standards engage students in the investigation of physical laws and application of the principles of physics to address real world problems. **NCAA Core Course**

522080 AP Physics I (11th- 12th)**1 Year, 1 Unit****Prerequisites: Completion of Phys. Sci Integrated, Chemistry Int/Chem II****Course: AP****Algebra I, Geometry and either completion of or concurrent enrollment in Algebra II**

This course is the equivalent of a first-semester college course in algebra-based physics, but it is designed to be taught over a full academic year to enable AP students to develop deep understanding of the content and to focus on applying their knowledge through inquiry labs. The full year also allows time for inclusion of physics content specified by state standards. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It also introduces electric circuits. **NCAA Core Course**

523030 AP Environmental Science (10th- 12th)**1 Year, 1 Unit****Prerequisites: Biology Int., Phys. Sci. Int.,****Course: AP****Algebra I, and Chemistry Int. (which may be taken concurrently).**

The goal of AP Environmental Science is to provide students with scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and man-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them.

NCAA Core Course

SOCIAL STUDIES

472000 Civics Pre-AP (11th)

Prerequisites: None

1 semester, 1/2 Unit

Course: Pre-AP

This one semester course is a study in citizenship and government relating to the community, state, and nation. Team projects relating to primary units of study will be completed throughout the course with focus on current events, writing, reading, critical thinking skills, decision making, and team participation. Civics is required for graduation and will be paired with Pre-AP Economics. ****NCAA Core Course****

474300 Economics with Personal Finance Pre-AP (11th)

Prerequisites: None

1 semester, 1/2 Unit

Course: Pre-AP

This one-semester course is a graduation requirement for all students. Attention will focus on: Economic Fundamentals, Microeconomics, Macroeconomics, and Personal Finance Management. This course will present information with team projects focused on primary units of study through activities including critical thinking, writing, reading, team participation, and current events. Students will learn skills to prepare them for a global economy in a complicated, highly competitive world. Pre-AP Economics will be paired with Pre-AP Civics. ****NCAA Core Course****

471003 World History Since 1450 Pre-AP (10th)

Prerequisites: None

1 Year, 1 Unit

Course: Pre-AP

This course is a year-long required course to graduate. The course is designed to create opportunities for deep conceptual understanding for students while addressing a large scope of history. The course is taught with key concepts and course themes, accompanied by a set of skills that clearly define what it means to think historically. ****NCAA Core Course****

470000 United States History Since 1890 (9th)

Prerequisites: None

1 Year, 1 Unit

Course: Regular

This is a year-long required course. The study of United States History is designed as a survey course and a continuation of the Civics and Economics curriculum. After the study of Civics and Economics, this survey course will begin with the national period of Reconstruction. There will be some overlap of time periods to allow for teacher flexibility and to address the complexity of the issues and events. The overall curriculum continues to current times. The focus of this course provides students with a framework for studying political, social, economic, and cultural issues, and for analyzing the impact these issues have had on American society. This course is designed to develop higher level thinking skills by encouraging students to make historical assessments and evaluations. ****NCAA Core Course****

474400 Psychology (10th-12th)

Prerequisites: None

1 Semester, ½ Unit

Course: Regular

Psychology is a one-semester high school 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; motivation and emotion; adjustments to social environments; and psychological disorders and their treatments. This course will be taught in the fall. ****NCAA Core Course****

474500 Sociology (10th-12th)**1 Semester, ½ Unit****Prerequisites: None****Course: Regular**

Sociology is a one-semester high school social studies elective course of study, which 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. Using the tools and techniques of sociologists, students will study changes taking place in society and examine their causes, consequences, and possible solutions. Students will read major sociological theorists as well as consider how sociologists approach issues. This course will be taught in the spring. ***NCAA Core Course***

570020 AP United States History (11th- 12th)**1 Year, 1 Unit****Prerequisites: Students must have passed Pre-AP World History****Course: AP**

Students must pass American History or AP United States History to graduate. The AP U.S. History course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. history. Students should learn to assess historical materials to weigh the evidence and interpretations presented in historical scholarship. An AP U.S. History course should thus develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. Students will take the AP test for possible college credit; to receive the extra quality point in GPA calculation students must pass both semesters and complete the AP exam. ***NCAA Core Course***

572010 AP U.S. Government and Politics (11th-12th)**1 Year, 1 Unit****Prerequisites: None but recommend having taken AP US History****Course: AP**

Politics and government matter – that is the single most important message of this course. Despite the fact that government substantially affects each of our lives, youth today are especially apathetic about politics and government. The goal of AP Government and Politics is to assist students in becoming well-informed citizens by providing information and developing critical analytical skills. Students successfully completing this course will:

- Know important facts, concepts, and theories pertaining to U.S. government and politics
- Understand typical patterns of political processes and behavior and their consequences
- Be able to analyze and interpret basic data relevant to U.S. government and politics
- Be able to critically analyze relevant theories and concepts and apply them appropriately

The course is designed to prepare the student for the Advanced Placement exam and college work. Students will take the AP test for possible college credit; to receive the extra quality point in GPA calculation students must pass both semesters and complete the AP exam. ***NCAA Core Course***

579170 AP European History (12th)**1 Year, 1 Unit****Prerequisites: Students must have passed American History or AP United States History.****Course: AP**

The study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. In addition to providing a basic narrative of events and movements, the goals of the AP program in European History are to develop (a) an understanding of some of the principal themes in modern European History, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing. Students will take the AP test for possible college credit; to receive the extra quality point in GPA calculation students must pass both semesters and complete the AP exam.

NCAA Core Course

CAREER & TECHNICAL EDUCATION

- Aviation
- Business and Marketing Technology
- Engineering and Technology
- Family and Consumer Sciences
- Government and Public Administration
- Workforce Education
- Healthcare Professional

CAREER & TECHNICAL EDUCATION – AVIATION

590090 Aviation I: Fundamentals of Flight

1 Year, 1 Unit

Prerequisites: None

Course: Regular

This is the first course in a series of three introducing students to the field of aviation, in particular, becoming a pilot. This course will introduce students to different professions a pilot could pursue. It will also introduce: aircraft structure, principles of flight, flight controls, basic aerodynamics, and various introductory flight maneuvers. A flight training device will be used to provide exposure to flight maneuvers. **It is recommended by the administration to take Introduction to Engineering during the freshman year. This class is taught online. Course fees will apply (\$50).**

590091 Aviation II: Airports, Airspace, and Weather (11th-12th)

1 Year, 1 Unit

Prerequisites: Aviation I

Course: Regular

This is the second course in a series of three introducing students to aircraft systems, aeronautical charts, airport structure, the national airspace system, basic weather theory, and aviation weather services. Introductory flight maneuvers will be continued and a flight training device will be used to provide practical exposure to the flight maneuvers. **This class is taught on-line. Course fees will apply (\$50).**

590092 Aviation III: Pilot Operations (12th)

1 Year, 1 Unit

Prerequisites: Aviation II

Course: Regular

This is the third course in a series of three introducing students to aircraft performance, flight manuals and regulations, navigation, aero medical factors, and aeronautical decision making. Introductory flight maneuvers will be continued and a flight training device will be used to provide practical exposure to the flight maneuvers. **This class is taught on-line. Course fees will apply (\$50).**

CAREER & TECHNICAL EDUCATION – BUSINESS AND MARKETING TECHNOLOGY

492120 Survey of Business (9th – 12th)

1 Year, 1 Unit

Prerequisites: Keyboarding

Course: Regular

Survey of Business is a two-semester course. It is designed to introduce students to business and marketing programs of study and related technology to help students succeed in business and marketing careers. The clusters and related programs of study are: Business Management & Administration: Management, Medical Office Administration, and Office Administration; Finance: Accounting, Banking, and Securities, Investments, Risk and Insurance; Hospitality and Tourism: Hospitality and Tourism; Marketing: Marketing and Entrepreneurship; Information Technology: Web Technologies and Social Media and Communications; and Transportation, Distribution, and Logistics: Supply Chain and Logistics. Using industry recognized software, students will focus on skills in word processing, spreadsheets, database, presentations, and cloud computing as they relate to business and marketing careers. This course will focus on skills needed to obtain Microsoft Office Specialist (MOS) certifications. **This is the foundation course for ALL Business and Marketing Career Pathways.**

492190 Fashion Merchandising (10th – 12th)

1 Semester, ½ Unit

Prerequisites: Survey of Business

Course: Regular

Fashion Merchandising is designed to offer an overview of fashion and merchandising industry. It provides the foundation in preparing students for a wide range of careers available in the different levels of the fashion, merchandising and retail industry. Emphasis is given to historical development, marketing, customer service, retailing, fashion, merchandising, and design.

492100 Accounting I (10th-12th)

1 Year, 1 Unit

Prerequisites: Survey of Business or CBA

Course: Regular

Computerized Accounting I is a two-semester 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 accounting occupations can be attained.

492110 Accounting II (11th-12th)

1 Year, 1 Unit

Prerequisites: Accounting I

Course: Regular

Computerized Accounting II is a two-semester course designed to provide students with the knowledge, understanding, and skills necessary for successful careers in accounting. Partnerships as well as departmental, corporate and cost accounting systems are components of the course. Emphasis is given to the computerized/automated functions in accounting.

492290 Financial Planning (10th – 12th)

1 Year, 1½ Unit

Prerequisites: Survey of Business

Course: Regular

This course will introduce students to the basic concepts of economics and financial literacy then build on those topics to provide a more in-depth study of wealth management and personal financial planning. Components of financial planning and strategies used in the accumulation and conservation of wealth will be the focus. Strategies for investing, tax, insurance, and retirement planning, as well as estate planning will be studied. In addition, basics of business financial planning will also be discussed, including the purpose and use of financial statements in making business decisions.

492330 Marketing Business Enterprise (10th- 12th)**1 Year, 1 Unit****Prerequisites: Survey of Business or CBA****Course: Regular**

Marketing students will find out what it takes to market a product or service in today's fast-paced business environment. Students will learn the fundamentals of marketing using real-world business examples. Students will learn about buyer behavior, marketing research principles, demand analysis, distribution, financing, pricing, and product management. Marketing is a two-semester course.

492700 Small Business Operations (11th- 12th)**1 Year, 1 Unit****Prerequisites: Marketing Business Enterprise****Course: Regular**

Small Business Operations is designed for students interested in learning how to manage a small business. Students will be required to participate in laboratory work. The lab experience will consist of operating a School Based Enterprise (SBE). In addition to the lab work, students will also complete a series of lessons designed to prepare them for the transition to higher education and/or an entrepreneurial career.

493880 College and Career Readiness (11th– 12th)**1 Semester, ½ Unit****Prerequisites: Student must be 17 years of age to take the Career Readiness Certificate Test.**

The major goal of College and Career Readiness is to engage students to develop characteristics and skills employers most desire. This course is designed to provide the student with the necessary skills to evaluate who they are, what they need in a career, and what they need from education to be prepared to refine their choices through a decision-making process and master the skills most needed by 21st century employers. Students will evaluate personal traits for a better understanding of self in their pursuit of finding a meaningful, fulfilling and rewarding career then compare their traits to the characteristics employers expect for the purpose of identifying and developing the lacking skills. Career ready practices describe the fundamental career ready knowledge and skills a college and career ready student needs to prepare for transition to postsecondary education, career training, or the workforce. These practices are not exclusive to a career pathway, a Career Technical Education (CTE) program of study, a particular discipline, or level of education. Career readiness is taught and reinforced in all career exploration and preparation programs with increasingly higher levels of complexity and expectation as a student advances through a pathway of study.

490240 Work Based Learning: Youth Apprenticeship (11th-12th)**1 Year, 1 Unit****Prerequisites: Application with instructor. The student must currently be enrolled or have completed level three course in a chosen CTE career pathway.**

Youth Apprenticeship must be a paid work experience designed to assist students in grades 11 - 12 in their specific CTE career pathway. A student must be at least 16 years of age. This course is eligible for an employer tax credit. Work-Based Learning is defined as a structured learning experience at the worksite for a specific timeframe that leads to a career path (Workforce Innovation and Opportunity Act). WBL programs contain three key components: the alignment of classroom and workplace learning; application of academic, technical, and employability skills in a work setting; and support from classroom and worksite mentors (cte.ed.gov/wbltoolkit/).

493860 Work Based Learning: Internship (11th - 12th)**1 Year, 1 Unit****Prerequisites: Application with instructor.**

Internship may be a **paid or not paid** work experience. This course is not considered an elective course for concentrator status. Interns must be **employed prior to enrolling** in the class or at the end of the second week of school. A student must be at least 16 years of age. Work-Based Learning is defined as a structured learning experience at the worksite for a specific timeframe that leads to a career path (Workforce Innovation and Opportunity Act). WBL programs contain three key components: the alignment of classroom and workplace learning; application of academic, technical, and employability skills in a work setting; and support from classroom and worksite mentors (cte.ed.gov/wbltoolkit/).

CAREER & TECHNICAL EDUCATION – ENGINEERING & TECHNOLOGY**495490 Principles of Engineering (9th - 12th)****1 Year, 1 Unit****Prerequisites: Enrolled in or successfully completed Geometry.****Course: Regular**

A course that helps students understand the field of engineering/engineering technology. Exploring various technology systems and manufacturing processes help students learn how engineers and technicians use math, science and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technological change. **This course can be taken as a replacement for Physical Science.**

495480 Introduction to Engineering Design (10th - 12th)**1 Year, 1 Unit****Prerequisites: Successfully completed Principles of Engineering.****Course: Regular**

This course teaches problem solving skills using a design development process for products. Three-dimensional models are created, analyzed and communicated using solid modeling software. Students enrolled in this course will have the opportunity to work with industry grade computers and 3-D modeling software. Class time will be 70% Lab and 30% Lecture/Activity. This course counts as a computer applications credit.

495460 Digital Electronics (10th- 12th)**1 Year, 1 Unit****Prerequisites: Enrolled in or successfully completed Algebra II****Course: Regular****Successfully completed POE and IED**

Offered in school years beginning with an even numbered year. This course is one of the Project Lead the Way Pre-Engineering courses at Arkadelphia High School. Students in this course study Analog and Digital Electronics. Electronics is the study of the uses of electricity in technology. About half of the course is lecture and covers electricity, number systems, Logic, circuit design, and construction, and microprocessors. The laboratory part of the course involves soldering, circuit troubleshooting, mobile robot design and programming, and an independent electronics project. **This course can be taken for a math credit.**

495450 Computer Integrated Manufacturing (10th-12th)**1 Year, 1 Unit****Prerequisites: Successful completion of POD and IED****Course: Regular**

This course applies principles of robotics and automation. The course builds on computer solid modeling skills developed in Introduction to Engineering Design. Students use CNC equipment to produce actual models of their three-dimensional designs. Fundamental concepts of robotics used in automated manufacturing, and design analysis are included.

495440 Civil Engineering and Architecture (11th-12th)**1 Year, 1 Unit****Prerequisites: Successful completion of POD and/or enrolled in IED****Course: Regular**

Students learn the fundamentals of building design, site design, and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architectural design software.

495040 PLTW Computer Science Principles (10th-12th)**1 Year, 1 Unit****Prerequisites: Computer Applications, Technology Design & Apps, or IED****Course: Regular**

Using multiple platforms and programming languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. Computer Science Principles helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, and simulation. This endorsement affirms that all components of PLTW CSP's offerings are aligned to the AP Curriculum Framework standards and the AP CSP assessment.

565130 AP Computer Science A(11th-12th)**1 Year, 1 Unit****Prerequisites: Precalculus with Trig or concurrent enrollment in Precalculus with Trig****Course: AP**

This is an introductory course in computer science comparable to the introductory course for computer science majors offered in college and university computer science programs. Students will solve problems by writing, running and debugging computer programs; they will implement commonly used algorithms and data structures, code fluently using Java, read and understand the design and development process leading to a complex program, and recognize the ethical and social implications of computer use. The College Board has approved the AP curriculum. Students may choose to take the AP test for possible college credit. To receive the extra quality point in GPA calculations, students must pass both semesters and complete the AP exam.

CAREER & TECHNICAL EDUCATION-FAMILY & CONSUMER SCIENCES

493240 Foundations of Teaching (10th - 12th)

1 Year, 1 Unit

Prerequisites: Life Span Development

Course: Regular

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, subject areas, 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.

493290 Methods of Teacher Instruction (11th - 12th)

1 Year, 1 Unit

Prerequisites: Foundations of Teaching

Course: Regular

Methods of Teacher Instruction 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 educational profession. The students will have the opportunity to obtain the paraprofessional certification.

493080 Family and Consumer Science (9th – 12th)

1 Year, 1 Unit

Prerequisites: None

Course: Regular

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

493150 Dynamics of Human Relationships (11th -12th)

1 Year, 1 Unit

Prerequisites: FACS & Lifespan Development

Course: Regular

Dynamics of Human Relationships focuses on the nature, function, and significance of human relationships within family, community and career settings. This course examines skills needed for positive and productive relationships. The course also includes the study of these relationships and their effects on an individual's life. The course includes the importance of mental wellness, positive coping techniques, and awareness of treatment options of mental illnesses. This course provides a foundation for all career areas that involve interacting with families, mental health and wellness, treatment team members, clients, patients, customers, and the public.

493020 Life Span Development (10th – 12th)**1 Year, 1 Unit****Prerequisites: None****Course: Regular**

Emphasis is given to the development of competencies related to needs of children, factors influencing behavior of children stages of child development; discipline, types of growth and development, rights and responsibilities of parent and child computer use related to child development; selection of child-care services, health and safety in relation to child care, children with special needs; coping with crises; and jobs and careers in the area of child development. Emphasis in this course is given to the development of competencies related to parenting decisions; rights and responsibilities of parents; parenting strategies, child development, ways children learn, discipline; promoting positive behavior; cost of rearing a child; computer applications in the field of parenting; prevention of child abuse and neglect; caring for the sick child; parenting a special needs child; professionals who can help with parenting problems; effects of heredity and environment on the child; and jobs and career related to parenting. The Baby-Think-It-Over project is used in this class.

493010 Advanced Child Care, Management and Services (11th-12th)**1 year, 1 Unit****Prerequisites: Family/Consumer Science Teacher approval, have own transportation, and Life Span Development****Course: Regular**

Upon completion of this course, a student should have gained entry-level skills in child-care and guidance management and services. Emphasis in this course is given to development of competencies related to employability, understanding the child-care profession, child development health and safety of children, and planning and management of a child-care facility. Students should be prepared to pay \$10 and complete a child maltreatment form as required by the state of Arkansas. The student will spend $\frac{3}{4}$ of the course working on-site in a child-care facility two-to-four days a week during the class time. Forty (40) hours of actual experience must be gained.

CAREER & TECHNICAL EDUCATION –GOVERNMENT & PUBLIC ADMINISTRATION

495790 Army JROTC I (9th-12th)

1 Year, 1 Unit

Prerequisites: None (although poor attitudes / inappropriate behavior and unwillingness to comply with course requirements are cause for disenrollment)

Course: Regular

Note: Student must be willing to comply with haircut and grooming standards and be able to wear military clothing, equipment and footwear. Cadets will be required to participate in physical fitness activities and after school activities, such as community parades and community service. See instructor for details.

This course introduces students to the U.S. Army Junior Reserve Officers' Training Corps (JROTC) Program, its mission, and the Leadership Education and Training (LET) curriculum for the first level of instruction. This course is designed to help students gain knowledge of the rights, responsibilities and privileges and freedoms that underline good citizenship. In addition to promoting better citizenship, this course develops leadership potential and the ability to live and work cooperatively with others. Cadets will be issued a uniform to be worn once weekly or as designated with the underlying purpose being to teach responsibility, self-discipline and self-esteem. Cadets are responsible for proper care and maintenance of their uniforms and must return them at the end of the school year. Cadets will need to provide running shoes, appropriate crew length black socks and white crew neck T-shirts and may be asked to provide document protectors and color tab dividers for their Cadet Portfolios if funding is not available. Cadets will be asked to purchase a unit t-shirt for \$15.00. This course offers challenges and opportunities to encourage teamwork, strengthen self-esteem, improve physical fitness and athletic ability, and provide incentive to live drug-free and complete high school. Cadets will learn the basics of drill and ceremony. This program WILL NOT recruit for the Armed Services, teach war fighting skills, or require a military service obligation.

Completion of one year / two semesters of this course will count as a students' Physical Education requirement.

495800 Army JROTC II (10th-12th)**1 Year, 1 Unit
Course: Regular****Prerequisites: JROTC I (continued compliance with course performance standards)**

Note: Student must be willing to comply with haircut and grooming standards and be able to wear military clothing, equipment and footwear. Cadets will be required to participate in physical fitness activities and after school activities, such as community parades and community service. See instructor for details.

This course teaches cadets the tenets of leadership, the value of citizenship, service to the community, personal responsibility, teamwork and self-discipline. During this LET level, curriculum instruction focuses on fitness, health and wellness and basic first aid procedures. During this course, cadets will learn the basics of map reading and will continue to build their drill and ceremony skills. Cadets will begin to learn how to assume greater responsibility through leadership positions and instruction of basic skills / classes. Cadets will be issued a uniform to be worn once weekly or as designated with the underlying purpose being to teach responsibility, self-discipline and self-esteem. Cadets are responsible for proper care and maintenance of their uniforms and must return them at the end of the school year. Cadets will need to provide running shoes, appropriate crew length black socks and white crew neck T-shirts and may be asked to provide document protectors and color tab dividers for their Cadet Portfolios if funding is not available. Cadets will be asked to purchase a unit t-shirt for \$15.00. This program WILL NOT recruit for the Armed Services, teach war fighting skills, or require a military service obligation.

Completion of LET level 2 curriculum will count as a students' Health Education requirement – because LET 2 and LET 3 curriculum are alternated, some students will not achieve the health requirement until the end of their third year of JROTC instruction.

495810 Army JROTC III (11th-12th)**1 Year, 1 Unit
Course: Regular****Prerequisites: JROTC I and II (continued compliance with course performance standards)**

Note: Student must be willing to comply with haircut and grooming standards and be able to wear military clothing, equipment and footwear. Cadets will be required to participate in physical fitness activities and after school activities, such as community parades and community service. See instructor for details.

This course continues teaching the importance of how the communication process, problem-solving / decision-making process, planning process, and techniques of supervision effect leadership decisions and situations. During this course many cadets are assigned a leadership position within the battalion. Instruction is practical, systematic and progressive with increased emphasis on effective oral and written communications. Cadets are provided training in teamwork, problem solving skills, planning and briefing techniques, staff procedures and career and work opportunities. Course content includes blocks of instruction on oral and written presentations, financial planning and development of service learning projects. Cadets will be issued a uniform to be worn once weekly or as designated with the underlying purpose being to teach responsibility, self-discipline and self-esteem. Cadets are responsible for proper care and maintenance of their uniforms and must return them at the end of the school year. Cadets will need to provide running shoes, appropriate crew length black socks and white crew neck T-shirts and may be asked to provide document protectors and color tab dividers for their Cadet Portfolios if funding is not available. Cadets will be asked to purchase a unit t-shirt for \$15.00. This program WILL NOT recruit for the Armed Services, teach war fighting skills, or require a military service obligation.

Completion of LET level 2 curriculum will count as a students' Health Education requirement – because LET 2 and LET 3 curriculum are alternated, some students will not achieve the health requirement until the end of their third year of JROTC instruction.

495890 Army JROTC IV (12th)**1 Year, 1 Unit****Prerequisites: JROTC I, II and III (continued compliance with course performance standards)****Course: Regular**

Note: Student must be willing to comply with haircut and grooming standards and be able to wear military clothing, equipment and footwear. Cadets will be required to participate in physical fitness activities and after school activities, such as community parades and community service. See instructor for details.

This course continues the refinement of the skills the student has mastered in the first three years of the Junior ROTC program. This capstone course is for selected fourth year students who demonstrate the ability and potential to succeed in the key command and staff positions. Students will perform across the wide range of leadership responsibilities including teaching LET 1, 2 and 3 cadets and assisting the instructors in various classroom activities. Additionally, cadets at this level assist in the planning of unit goals, community service / service learning projects, the execution of the military ball and awards banquet, and conduct staff briefings associated with promoting the program and evaluating the unit performance during formal inspections. Cadets focus on preparation for higher education, skill training and military / civilian careers as they desire. Cadets will be issued a uniform to be worn once weekly or as designated with the underlying purpose being to teach responsibility, self-discipline and self-esteem. Cadets are responsible for proper care and maintenance of their uniforms and must return them at the end of the school year. Cadets will need to provide running shoes, appropriate crew length black socks and white crew neck T-shirts and may be asked to provide document protectors and color tab dividers for their Cadet Portfolios if funding is not available. Cadets will be asked to purchase a unit t-shirt for \$15.00. This program WILL NOT recruit for the Armed Services, teach war fighting skills, or require a military service obligation.

CAREER & TECHNICAL EDUCATION – WORKFORCE EDUCATION

560010 East Initiative I (10th- 12th)**1 Year, 1 Unit****Prerequisites: By application****Course: Regular**

We believe our students will change the world. East is an educational initiative—we're trying to make learning better. Better for students, better for teachers, and better for society. Students in our programs perform service learning projects. They see needs in their communities, and they work to meet those needs. EAST students are unique, however, in that they apply the latest in technology to these problems. Giving students access to this technology has had an amazing effect. Students take it upon themselves to learn as much as they can because they care about the outcome. There is no lecture; there are no tests. The students are in control. The skills and experiences students gain while working in this environment is countless: teamwork, leadership, self-motivation, public speaking and more, not to mention what they learn while working with industry-standard software and hardware.

560020 East Initiative II (10th- 12th)**1 Year, 1 Unit****Prerequisites: By application and facilitator approval only and East 1****Course: Regular**

EAST works because it inspires students, educators and members of the local and business communities to expect more from education. Students are motivated by the challenge of taking control of their own learning to deliver tangible results using the latest technology. The problems they face aren't listed on the blackboard, and the answers aren't in the back of the book. EAST students tackle real problems facing their communities. The solutions don't come from memorized facts or lecture notes, but through creatively applying knowledge obtained from life and other classes, problem solving, teamwork, and diligence. Students who desire to continue in EAST II will emerge as leaders as they organize and initiate project-based service projects.

560030 East Initiative III (11th- 12th)**1 Year, 1 Unit****Prerequisites: By application and facilitator approval only and East II****Course: Regular**

We believe students should, can and will take responsibility for their own learning when given the opportunity. Students should actively engage in solving problems in their own communities. Students should be given access to relevant and challenging resources and tools to use in solving these identified problems. Students should be allowed (indeed required) to collaborate with each other and with professionals in their community as they grow and develop their capacity to be positive agents of change. Students who choose to continue in EAST III will exemplify these high standards, and they provide leadership to other students in the lab.

560040 East Initiative IV (12th)**1 Year, 1 Unit****Prerequisites: By application and facilitator approval only and East III****Course: Regular**

Students who continue in EAST IV have reached the pinnacle of success at the high school EAST level. These students will epitomize the key standards expressed in the EAST frameworks: (1) Take responsibility for self-directed learning (2) Ethically apply resources and problem-solving strategies to real-world problems (3) Collaborate as a productive team member (4) Research and evaluate resources to determine their validity and relevance (5) Communicate with a variety of audiences using multiple modes (6) Develop solutions to community-based problems using emerging technology within the context of service learning projects (7) Demonstrate confidence in their own abilities to meet the challenges of the 21st century.

CAREER & TECHNICAL EDUCATION—HEALTHCARE PROFESSIONAL

**These courses require students to have over-the-ear headgear (single wire or USB style) with or without Microphone. Ear buds are NOT acceptable. Storage available in Lab.*

49535V Foundations of Healthcare (9th-12th)**1 Year, 1 Unit****Prerequisites: None****Course: Regular**

This course is designed to introduce students to medical professions and the basic foundational skills for first aid and the treatment of patients. Along with Anatomy and Physiology, this is a foundation core course for subsequent education and training in health services. This course is a revised combination of Introduction to Medical Professions and Medical Procedures. **This course is taught on-line. Course fees may apply (\$80 per semester; \$160 for full year).**

49529V Pathology (10th-12th)**1 Semester, ½ Unit****Prerequisites: One Semester of Biology, the 1st semester of Human Anatomy or Medical Terminology****Course: Regular**

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. **This course is taught on-line. Course fees may apply (\$60) It is taught either fall or spring.**

49530V Human Anatomy & Physiology CE (10th-12th)**1 Year, 1 Unit****Prerequisites: Biology (both semesters)****Course: Regular**

This full year course provides an introduction to Human Anatomy and Physiology, exploring the structure and function of human body parts and how they function together. It also explores what happens when these parts do not function correctly. It begins with a study of anatomical terms and organization of the human body, and then proceeds to body chemistry, cells, cellular metabolism, and tissues. After this, it continues on to a study of bones and muscles, then to various other body systems.

This course is taught on-line. Course fees may apply (\$200 for full year). NOTE: Instructor Kellye Wood is CTE and Science Certified.

49536V Medical Terminology (10th-12th)**1 Year, 1 Unit****Prerequisites: None****Course: Regular**

Medical Terminology is a yearlong course that assists students in developing the language used for communication in the healthcare profession. **This course is taught on-line. Course fees may apply (\$120 for full year). It is now taught in the Fall and Spring.**

49405V Foundations of Sports Medicine (9^h-12th)**1 Year, 1 Unit****Prerequisites: None****Course: Regular**

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. **This course is taught on-line. Course fees may apply (\$60 per semester; \$120 for full year).**

49537V Abnormal Psychology (10th-12th)**1 Semester, ½ Unit****Prerequisites: None****Course: Regular**

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 disorders, disorders of mood including depressions and bipolar disorder, personality disorders, disorders of thought including schizophrenia, substance-related disorders, and domestic violence. Legal, ethical, and social issues relating to the medical professional's role in treating psychological disorders are explored. **This course will be taught on-line. Course fees may apply (\$60). It is taught in the Fall only.**

49532V Human Behaviors and Disorders (10th-12th)**1 Semester; ½ Unit****Prerequisites: Abnormal Psychology****Course: Regular**

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. **This course will be taught on-line. Course fees may apply (\$60). It is taught in the Spring only.**

FINE ARTS

451000, 451040, 451050, 451060 Band (9th, 10th, 11th, 12th)

1 Year, 1 Unit

Prerequisites: Recommended by Band Director

Course: Regular

This is a performing organization that competes in marching and concert, with emphasis also in solo-ensemble and all-region and all-state auditions. All styles and periods of music are covered. This band may participate in contests inside and outside of Arkansas both semesters.

551010, 551020, 551030, 551040 Jazz Band (9th, 10th, 11th, 12th)

1 Year, 1 Unit

Prerequisites: Member of the high school band and by permission of the Band Director.

Course: Regular

This is a performing ensemble that emphasizes music theory course and provides for higher levels of creativity and learning skills. The curriculum includes many different jazz styles and integrates community and other required performances.

452001, 452040, 452050, 452060 Varsity Women's Choir (9th, 10th, 11th, 12th)

1 Year, 1 Unit

Prerequisites: Audition for placement and directors approval

Course: Regular

This class is designed for all high school women interested in choir. No experience is required. Students must have the approval of the choir director to join this course. Various types of music will be studied and performed in this course.

452000, 452041, 452051, 452061 Varsity Men's Choir (9th, 10th, 11th, 12th)

1 Year, 1 Unit

Prerequisites: Audition for placement and directors approval

Course: Regular

This class is designed for all high school men interested in choir. No experience is required. Students must have the approval of the choir director to join this course. Various types of music will be studied and performed in this course.

550050 Advanced Art (9th- 12th)

1 Semester, ½ Unit

Prerequisites: None

Course: Regular

This is a basic one-semester designed to introduce materials, skills and the fundamentals of art. It is geared toward developing an appreciation of the visual arts with emphasis on the identification and incorporation of the elements/principles of design in a work of art. All projects will promote expressive and quality production, self-disciplined work habits, and the building of a visual vocabulary. Studio experiences include working with pen and ink, still life drawing, design, and painting.

450000 Art I (9th- 12th)

1 Year, 1 Unit

Prerequisites: None

Course: Regular

Students will build on existing art skills in drawing, painting, sculpture, and printmaking. Students will produce works in a wide variety of media, such as pastels, watercolor paint, colored pencil, construction paper sculpture, mask building, pen and ink, and collage. Emphasis is placed on two and three-dimensional design with art history included. This is a two semester, one-year course.

450030 Art II (10th- 12th)**1 Year, 1 Unit****Prerequisites: Art I****Course: Regular**

This is a two-semester (one year) course, which continues to emphasize design and composition by presenting students with more complex artistic problems. Students will work with watercolor and acrylic paint to produce paintings that demonstrate an understanding of color theory, produce pencil drawings that range in still life to figure study compositions. A brief selection of art history and aesthetics studies will be included to enhance each studio experience. Students will keep works in a portfolio that could be used toward an Advanced Placement class the following year.

559040 AP Studio Art Drawing (11th- 12th)**1 year, 1 Unit****Prerequisites: Art II****Course: AP**

This is a college level class that is designed for students who are serious about art and have expressed a desire to further their knowledge and art experiences to the level of mastery and communication of visual ideas. In the Drawing portfolio, students will produce a minimum of 24 works that involve critical thinking skills in order to ideate the best solutions to visual problems introduced in class. Students will select the best process and approach to any given assignment. Processes include but are not limited to drawing, painting, printmaking, and mixed media on a variety of surfaces. Portfolios are submitted electronically at the end of the year.

559050 AP Studio Art 2-D (11th- 12th)**1 Year, 1 Unit****Prerequisites: Art Pre-AP****Course: AP**

This is a full year (two-semester) course. Students will demonstrate mastery through any two-dimensional medium or process, such as graphic design, digital imaging, photography, collage, fabric design, fashion illustration, painting and printmaking. Students will develop technical skills and familiarize themselves with the functions of visual elements as they create an individual portfolio of work for evaluation at the end of the course.

453130 Theatre Appreciation (9th- 12th)**1 Semester, ½ Unit****Prerequisites: None****Course: Regular**

Theatre Appreciation is a one-semester course in which students will develop fundamental theatre skills through academic study. Students will develop an understanding of basic theatre skills and the history of the theatre, analyze and evaluate artistic work, and discover connections between theatrical works and societal, cultural, and historical contexts. Theatre Appreciation fulfills the one-half unit of fine arts required for graduation.

HEALTH EDUCATION**480000 Health Education (9th- 12th)****1 Semester, ½ Unit****Prerequisites: None****Course: Regular**

Health education is required by the Arkansas State Department of Education. The course stresses physical, mental, and social wellness. The student will develop an awareness of the importance of regular aerobic exercise, proper nutrition, adequate rest, and recreation to overall wellness. Additional topics will include: stress, communicable and noncommunicable diseases, and other current health topics.

ATHLETICS

999810, 999811, 999812, 999813 Non-Credit Athletics (9th- 12th)

1 Year, 1 Unit

Prerequisites: none

Course: Regular

A variety of sports is being offered at A.H.S. for males and females. Registration forms must be signed by the Athletic Director before a student can be assigned to an athletic period. Students may participate in a sport without being assigned to an athletic period. (Students must meet with the Athletic Director if this applies). This generally applies to upperclassmen who have already met the PE requirement.

485010 Personal Fitness for Life (9th-12th)

1 Semester, ½ Unit

Prerequisites: None

Course: Regular

Personal Fitness for Life is a one-semester course designed to enable students to obtain the knowledge and skills necessary to develop and maintain a health-enhancing level of fitness and to increase physical competence, self-esteem and the motivation to pursue lifelong physical activity. Students will participate in activities that will increase physical fitness levels and develop health practices that value physical activity and its contribution to lifelong fitness. This course fulfills the PE requirement for graduation.

485020 Recreational Sports and Activities (9th-12th)

1 Semester, ½ Unit

Prerequisites: None

Course: Regular

Recreational Sports and Activities is a one-semester course which includes a planned curriculum that provides content and learning experiences in basic motor skills and movement concepts as they apply to physical activity, lifetime sports, and recreational activities. This course encompasses the Recreational Sports and Activities Content Standards defined by the Arkansas Physical Education and Health Curriculum Framework.

485040 Athletics

1 Year, 1 Unit

Prerequisites: None

Course: Regular

Athletics is a one-semester course designed to help students and athletes think differently about various aspects of training and competition, ultimately using these skills as they apply to sport, functioning in team environments, and most importantly to the other areas of their lives outside of athletics. This course fulfills the PE requirement for graduation.

COMMUNITY SERVICE

999120 Community Service (11th- 12th)

1 Year, 1 Unit

Prerequisites: None

Course: Regular

Act 648 of 1993 allows students to earn one full unit of academic credit through community service. A student must complete a minimum of seventy-five (75) clock hours of documented service at an approved site: Junior and seniors are eligible for this course. The objective of Arkadelphia High School with regard to community service placement is to create a partnership between school and community. Parents and students must sign an agreement committing to the fulfillment of 75 hours of service within the school year. Volunteer hours must take place outside of school time.

CCR SEMINARS

CCR Seminar I (9th)

Local Credit (1/2)

A freshman level seminar course designed to guide students into the rigor of high school by the mentoring of students by their faculty advisor. Students will become familiar with rules, procedures of the school, review of transcripts and the Learning Management System (ECHO) that will be used on campus for their academic career. Students will create their personal ACT account, practice ACT testing skills, as well as prepare for the online ACT/Aspire assessments required by the state. Students will have guided practice on AIP, current coursework, course recovery and enhancement activities for their other classes including tutoring sessions. An ACT Interest Inventory will be taken each semester in order for the student to better understand the changing work place and career opportunities. Students will choose their courses for the next school year with the help and guidance of their ACT Interest Inventory and faculty Advisor.

CCR Seminar II (10th)

Local Credit (1/2)

A sophomore level seminar course designed to guide students into more in-depth conversations and research on careers and requirements. Students will work on ACT strategies, PSAT preparation, transcript review, as well as stay current on coursework. Students will begin the process of identifying careers and colleges that meet their needs. Students will become familiar with the college application process while researching college choices. An ACT Interest Inventory will be taken each semester in order to guide the student on their choices for college and career. Students will compare college expense with career earnings opportunities to understand the effect on lifetime earning potential. Students will practice ACT/Aspire strategies to enhance coursework and assessments. Students will utilize ACT Interest Inventory data to make course selections for the next school year with guidance from faculty advisor.

CCR Seminar III (11th)

Local Credit (1/2)

A junior level course emphasizing graduation and ACT assessment using online courses and faculty advisor for facilitation of coursework. Students will utilize ACT Interest Inventory data for college and career research as well as start the process of finalizing college and career choices. Students will correspond with college and career professionals for information on financial aid, foundation scholarships, job forecasts and college application. Students will prepare for the Arkansas Universal ACT assessment, and choose the senior year course schedule from ACT Interest Inventory data, career research and college preference. Students will work on deficits in graduation requirements and AIP requirements.

CCR Seminar IV (12th)

Local Credit (1/2)

Senior Capstone course emphasizing graduation from high school and implementing plans of action for college and/or career entrance. Students will complete job applications, college applications, financial aid applications and FASFA during this time. All students will create and modify as needed a professional work experience resume' as well as research career trends for future employment. Each student will invite a professional from our community to speak with the class on topics ranging from employment forecasts to education requirements and opportunities. Graduation requirements will be monitored by the student and advisor, ACT strategies for final assessments, and general housekeeping will take place in order ensure the senior year is completed and graduation takes place on time.

CONCURRENT CREDIT OFFERINGS

539960 Enhanced College Algebra (12th)

MTH 1244 (HSU Concurrent Credit) *on AHS campus

Prerequisites: Algebra I, Geometry and Algebra II

Mathematics ACT score of at least 17, Reading ACT score or 19, 2.5 GPA

A course designed to meet the general education needs of high school students in business, sciences, and other programs outside of mathematics. Topics include: linear, non-linear, inverse, polynomial, rational, exponential and logarithmic functions; systems of linear equations, linear and quadratic inequalities. Problem-solving techniques will be discussed with and with the use of technology. This course will be taught daily for two semesters for four (4) college hours and one (1) high school credit. Students must have a minimum 17 ACT math score with recommendation from the high school math department. This is a non-weighted course. This course will be taught by AHS faculty (at AHS) approved by HSU and will be accepted for Math requirements for high school graduation and Enhanced College Algebra credit of 4 hours at HSU.

1 Year, 1 Unit

4 college credit hours

549900 Concurrent College Spanish I (12th)

Prerequisites: Algebra I, Geometry and Algebra II

This three credit hour, yearlong course will allow the student to earn credit for Spanish 1013 at Henderson State University. It offers the student an opportunity to engage in the study of Spanish with a focus on interpersonal and interpretive modes of communication, correct pronunciation, aural comprehension, reading, writing and efficient speaking ability. This course meets the HSU Conceptual Frameworks as demonstrated by specialized expertise, professional development, and communication. It will prepare the student for the subsequent Spanish 1014 course at Henderson.

1 Year, 1 Unit

3 college credit hours

SMART CORE COURSE CODE LIST

(Graduating Class of 2014 and After)

English—Four (4) Units

9th Grade English—1 unit

One unit from 410000, 510010, 510020

10th Grade English—1 unit

One unit from 411000, 510030, 511010, 511020

11th Grade English—1 unit

One unit from 412000, 512010, 512020, 517030, 517200

12th Grade English—1 unit

One unit from 413000, 513010, 513020, 517040, 517200, 519900

Oral Communications—½ Unit

½ unit from 414000, 414010, 514010

Natural Science—Three (3) Units

Biology—1 unit

One unit from 420000, 420020, 520010, 520030, 529030

Two (2) units from the following three (3) options:

Physical Science (choose one from 423000, 523000)

Chemistry (choose one from 421000, 421020, 521010, 521030, 521040)

Physics (choose one from 422000, 422020, 522000, 522010, 522030, 522060, and 522070)

Mathematics—Four (4) Units

One unit must be taken at 11th or 12th grade Algebra

I—1 unit

One unit from 430000, 530010, 530020, 530030, 530090, 530110, 530120,
OR (BOTH 530100 and 530200)

Geometry—1 unit

One unit from 431000, 531010, 531020, 531030, 531040, 531070, 531080, 531090, OR (BOTH
531100 and 531200)

Algebra II—1 unit

One unit from 432000, 532010, 532020, 532030, 532040, 532050, 532060

Beyond Algebra II—1 unit

One unit from 433000, 434030, 439010, 439020, 439040, 439050, 439060, 439070, 439080, 439090, 439100, 439110, 533010, 533020, 533070, 533130, 533140, 533150, 533160, 534020, 534040, 534050, 534060, 539030, 539040, 539050, 539060, 539070, 539900

Social Studies—Three (3) Units

Civics—½ unit

½ unit from 472000, 472100, 472200, 572020

World History—1 unit

One unit from 471000, 471030, 571010, 571020

American History—1 unit

One unit from 470000, 470030, 570010, 570020

Economics—½ Unit

Economics may be counted as a ½ unit social studies course if taught by a highly qualified social studies teacher OR as a ½ unit career focus elective course if taught by a highly qualified business education teacher.

½ unit from 474300 (Social Studies) or 492280 (Career Focus)

Fine Arts—½ Unit

½ unit from (450000 through 450090) or from (550010 through 559810)

Health and Safety—½ Unit

½ unit from 480000 or 1 unit from 495800

Physical education—½ Unit

½ unit from 485000, 585020 or 1 unit from 495790

Career Focus—Six (6) Units

Six units from course codes starting with a 4 or 5 except 596100 and 596200