

# **CARLISLE HIGH SCHOOL**



**2023-2024  
COURSE CATALOG**

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### CLASSIFICATION OF PUPILS

Freshman (9 <sup>th</sup> grade)	Promoted from 8 <sup>th</sup> grade to the 9 <sup>th</sup> grade - Zero to five and a half ( 0 - 5.5) units of credit
Sophomores (10 <sup>th</sup> grade)	Six (6) units of credit
Junior (11 <sup>th</sup> grade)	Eleven (11) units of credit
Seniors (12 <sup>th</sup> grade)	Sixteen (16) units of credit

### GRADUATION REQUIREMENTS

*Carlisle High School requires that students earn 22 units of credit in order to graduate.*

*\* One unit of a computer science class may substitute the 4th math or 3rd science requirement.*

*\*\* Students are required to complete one semester of Personal Finance. This requirement is embedded in Economics.*

*\*\*\*Starting with the graduating class of 2026, students will be required to take a Computer Science course.*

*\*\*\*Starting with the graduating class of 2027, students will be required to complete 75 hours of community service..*

- All students must be enrolled in a math course during their junior or senior year.
- Each regular course earns ½ credit each semester. College courses earn 1 credit each semester.
- Requirements for graduation may be completed in less than four years. In order to graduate early, a student must submit a letter of request to the principal signed by parents/guardians prior to the end of their sophomore year.

## GRADUATION / HONOR / COMPLETER CHECKLIST

MINIMUM GRADUATION REQUIREMENTS (22 credits)				
<b>English</b> (4 units)	English 9	English 10	English 11	English 12
<b>Mathematics</b> (4 units)	Algebra I	Geometry	3rd math	4th math
<b>Social Studies</b> (3 units)	World History	Civics (½ unit)	Economics w/ Personal Finance (½ unit)	U.S. History
<b>Science</b> (3 units)	Physical Science		Biology	3rd science
<b>Other Requirements:</b>	<b>Computer Science</b> (1 unit) Career focus; however, it may count as the 4th math or 3rd science		<b>Health</b> (½ unit) Digital*	<b>PE</b> (½ unit)
	<b>Fine Arts</b> (½ unit)		<b>Oral Comm</b> (½ unit)	<b>Electives</b> (6 units)
	<b>75 hours of community service</b> Starting with the graduating class of 2027*		<b>Civics Test</b>	<b>CPR Training</b>

**Disclaimer:** Requirements may change based on new rules and regulations we receive from the Division of Elementary and Secondary Education

HONOR CLASSES - GRADUATING WITH HONORS		
<b>Highest Honors:</b> 3 full years of AP classes, 2 levels of the same foreign language, and a minimum 4.0 GPA		
<b>High Honors:</b> 3 full years of AP classes or concurrent classes, 2 levels of the same foreign language, and a minimum 3.5 GPA		
<b>Honors:</b> 3 full years of AP classes or concurrent classes, 2 levels of the same foreign language, and a minimum 3.0 GPA		
AP Courses	Concurrent Classes (College level courses)	
<input type="checkbox"/> AP English Composition <input type="checkbox"/> AP Biology <input type="checkbox"/> AP Environmental Science <input type="checkbox"/> AP Statistics <input type="checkbox"/> AP US History <input type="checkbox"/> AP World History <input type="checkbox"/> AP Computer Science <input type="checkbox"/> AP Calculus <input type="checkbox"/> Other approved by principal	<input type="checkbox"/> English Comp I <input type="checkbox"/> English Comp II <input type="checkbox"/> College Algebra <input type="checkbox"/> Art <input type="checkbox"/> Public Speaking <input type="checkbox"/> U.S. History to 1877 <input type="checkbox"/> U.S. History from 1877 <input type="checkbox"/> World History to 1500 <input type="checkbox"/> World History since 1500	<input type="checkbox"/> Introduction to Teaching <input type="checkbox"/> Intro to Biological Science <input type="checkbox"/> Foreign Language Level I <input type="checkbox"/> Foreign Language Level II <input type="checkbox"/> Concurrent courses from the Lonoke Business Academy <input type="checkbox"/> Other approved by principal

COMPLETER REQUIREMENTS (CTE)				
		LEVEL 1	LEVEL 2	LEVEL 3
<b>Agriculture</b>	<b>Ag power structural &amp; technical systems</b>	Survey of Agriculture	Ag Mechanics	Ag. Structures
	<b>Plant Science</b>		Plant Science	Advanced Plant Science
<b>Business</b>	<b>Business Finance</b>	Survey of Business	Financial Planning	Securities, Inv., Risk, Ins. OR Accounting I
	<b>Marketing Research</b>		Digital Marketing	Markets & Analytics
<b>Family and Consumer Science</b>	<b>Human &amp; Social Services</b> (Concentrator only)	FACS	Lifespan Development	
	<b>Nutrition Science &amp; Dietetics</b>		Foods Safety & Nutrition	Life & Fitness Nutrition
<b>Computer Science</b>	<b>Robotics</b>	Robotics Year 1	Robotics Year 2	Advanced Robotics

LOCAL COMPLETERS				
<b>Foreign Language</b> Level I Level II (Any foreign language)	<b>Band</b> Band I Band II Band III	<b>Choir</b> Choir I Choir II Choir III	<b>Art</b> Art I Art II Art 2D Art 3D	<b>Journalism</b> Journalism I Journalism II Journalism III

\*\* Completer pathways may change in future years.

\*\* Requirements may change based on stipulations set forth by the Division of Elementary and Secondary Education

## **COURSE OFFERINGS (9-12)** \* = Virtual Courses

### **LANGUAGE ARTS DEPARTMENT**

410000 - English 9  
411000 - English 10  
412000 - English 11  
517030 - AP English Language & Composition (11)  
413000 - English 12  
414210 - Prof. Communication (.5)  
416000 - Drama (.5)  
417010 - Creative Writing (.5)  
419130 - Academic Reading  
419110 - Critical Reading  
415000 - Journalism I  
415010 - Journalism II  
415020 - Journalism III  
415030 - Journalism IV  
596600 - English Language Development I

### **MATH DEPARTMENT**

430000 - Algebra I  
431000 - Geometry  
432000 - Algebra II  
439120 - Quantitative Literacy  
433000 - \*Pre-Calculus  
539030 - AP Statistics

### **SCIENCE DEPARTMENT**

423000 - Physical Science - Integrated  
420000 - Biology - Integrated  
520030 - AP Biology  
424030 - \*Anatomy & Physiology  
424020 - Environmental Science  
523030 - AP Environmental Science  
421000 - Chemistry

### **SOCIAL STUDIES DEPARTMENT**

472000 - Civics (.5)  
474300 - Economics w/ Pers. Fin. (.5)  
471000 - World History  
470000 - U.S. History  
570020 - AP U.S. History  
474400 - \*Psychology (.5)  
474500 - \*Sociology (.5)

### **FOREIGN LANGUAGE**

440000 - Spanish I  
440020 - Spanish II  
440030 - Spanish III  
441000 - \*French I  
441010 - \*French II  
442000 - \*German I  
442010 - \*German II  
449010 - \*American Sign Language I  
449020 - \*American Sign Language II

### **COMPUTER SCIENCE**

465570 - Robotics Year 1  
465580 - Robotics Year 2  
465590 - Advanced Robotics Year 3  
565030 - AP Computer Science

### **HEALTH AND PE**

480000 - \*Health & Wellness (.5)  
485010 - Personal Fit. for Life (PE) (.5)  
485025 - Recreational Sports (PE) (.5)

#### **Athletics**

485040 - Boys Football (1st)  
485020 - Boys Football (2nd)  
485041 - Boys Basketball (1st)  
485021 - Boys Basketball (2nd)  
485042 - Girls Basketball (1st)  
485022 - Girls Basketball (2nd)  
485044 - Girls Softball (1st)  
485024 - Girls Softball (2nd)  
485046 - Boys Baseball (1st)  
485026 - Boys Baseball (2nd)  
485043 - Girls Tennis (1st)  
485023 - Girls Tennis (2nd)  
999810 - Sr. Boys Football  
999811 - Sr. Boys Basketball  
999812 - Sr. Boys Baseball  
999813 - Sr. Girls Basketball  
999821 - Sr. Girls Softball  
999822 - Sr. Girls Tennis

### **FINE ARTS DEPARTMENT**

450000 - Art I  
450030 - Art II  
450080 - Studio Art 2D (Fall)  
450090 - Studio Art 3D (Spring)  
453303 - Music Appreciation (.5)  
451500 - Music Lab I  
451000 - Band I  
451040 - Band II  
451050 - Band III  
451060 - Band IV  
452000 - Choir I  
452040 - Choir II  
452050 - Choir III  
452060 - Choir IV

### **AGRICULTURE DEPARTMENT**

491150 - Survey of Ag Systems (L1)  
491390 - Ag Mechanics (L2)  
491410 - Ag. Structures (L3)  
491340 - Plant Science (L2)  
491030 - Advanced Plant Science (L3)  
491180 - Animal Science (L2)  
491010 - Advanced Animal Science (L3)  
491030 - \*Agribusiness Management

### **FACS DEPARTMENT**

493080 - Family & Cons Science (L1)  
493020 - Child Growth and Development (L2)  
493110 - Foods Safety & Nutrition (L2)  
493200 - Life and Fitness Nutrition (L3)

### **BUSINESS EDUCATION**

492120 - Survey of Business (L1)  
492290 - Financial Planning (L2)  
492000 - Securities, Investments, Risk, and Insurance (L3)  
492100 - \*Accounting I (L3)  
492770 - Digital Marketing (L2)  
492800 - Markets and Analytics (L3)  
491990 - Personal Finance (.5)

### **OTHER VIRTUAL**

492190 - Fashion Merch. (S)(.5)  
492230 - AR Hospitality & Tour. (S)(.5)  
492260 - Tourism Industry Management  
46521V - Cybersecurity I  
46522V - Cybersecurity II  
550010 - Today's American Art (F)(.5)  
553010 - Expl Pers & Nat Id thru Art (S)(.5)  
493880 - College & Career Readiness (F)(.5)  
494620 - Introduction to Criminal Justice  
494610 - Criminal Law  
495350 - Foundations of Healthcare  
494050 - Found. of Sports Med.  
495360 - Medical Terminology  
495320 - H. Beh. & Disorders (S)(.5)  
495370 - Abnormal Psychology (F)(.5)  
495290 - Pathology (F&S) (.5)

### **COLLEGE COURSES**

#### **(Arkansas Tech – Virtual Arkansas)**

514000 - Public Speaking (F&S)  
519940 - Composition I (Fall)  
519941 - Composition II (Spring)  
539900 - Survey of College Math (Fall)  
539901 - College Algebra (F&S)  
559000 - Experiencing Art (F&S)  
579910 - World History to 1500 (Fall)  
579911 - World History from 1500 (Sp.)  
579920 - U.S. History to 1877 (Fall)  
579921 - U.S. History from 1877 (Sp.)  
529910 - Introduction to Biological Science  
590230 - \*\*Introduction to Education  
590520 - \*\*Education Technology  
592020 - \*\*Child Growth and Development  
\*\* Arkansas Teacher Residency model courses

### **LONOKE BUSINESS ACADEMY**

000001 - Diesel Technology  
000002 - Medical Professions  
000003 - Ag Power Systems Technology

## COURSE DESCRIPTIONS

*AP level courses* are the fastest paced and most difficult level offered. Students must complete the AP exam in order to receive weighted credit for an AP course. It is strongly suggested that students carefully consider their options before requesting one or several AP courses.

*Regular level classes* are designed for the majority of students. The content **will** prepare students adequately for college admission.

*Concurrent Courses* are courses offered virtually through Arkansas Tech University. Students earn College and High School credit concurrently. Students must have qualifying ACT scores and apply for these courses.

### Language Arts Department

#### **English 9**

1 year, 1 unit                      Grade: 9                      Course: 410000

This course consists of a review of basic forms of grammar and addition of more complex grammatical forms. Writing will emphasize paragraph form, short essays, letters, and introduction to research skills. Speaking and listening components will supplement the study of literary selections from a variety of world and American authors. Poetry, short stories, non-fiction, and novels will be read. Homework and independent study are included, as well as vocabulary study.

#### **English 10**

1 year, 1 unit                      Grade: 10                      Course: 411000

English 10 consists of the continuation of the study of grammar, writing, literature and vocabulary. Poetry, short stories, plays, non-fiction, and novels from American and world authors will be read, and some research will be included. The writing process will consist of rough drafts, revising, editing, and polishing the final copy. Writing styles will consist of sentence structures, paragraphs, essays, and letters, as well as work in research.

#### **English 11**

1 year, 1 unit                      Grade: 11                      Course: 412000

English 11 consists of grammar study as it relates to effective writing of paragraphs and longer expository, descriptive, and persuasive essays. A survey of major American writers will be featured, including novels, short stories, poetry, and non-fiction. The writing process of drafting, revising, and editing will be followed, as well as vocabulary study focusing on literary terms and words from literature studied. Critical thinking skills, note taking skills, and listening skills will be featured, along with increased responsibility for independent study.

#### **AP English Language & Composition**

1 year, 1 unit                      Grade: 11                      Course: 517030

*\*Strongly recommended that student achieved an 'A' or high 'B' in English 10 course*

AP Language and Composition immerses students in critical reading and analytical thinking through an expansive list of nonfiction prose selections, enhancing their awareness of rhetoric and how language works. Course selections include expository, analytical, personal, and argumentative compositions from a variety of authors. Students will analyze and evaluate essays, letters, speeches and visuals. Students will reinforce their reading through synthesizing material from these texts in their own compositions. **Can be taken in place of English 11 for graduation requirements.**

## **English 12**

1 year, 1 unit

Grade: 12

Course: 413000

English 12 consists of a review of grammar as it relates to writing. Vocabulary is studied within the context of literature and from terms used in literary criticism. Masterpieces of British literature are studied in novels, poetry, non-fiction, and satire. Writing includes expository, descriptive, and persuasive essays, and a research paper is required. Writing is completed using the process of drafting, revising, and editing with emphasis placed on critical thinking skills.

## **Professional Communication**

1 semester, ½ unit

Grade: 9,10,11,12

Course:414210

Prerequisite: none

Professional Communication (0.5 Credit) will provide students with an understanding of the dynamics of effective communication while speaking, listening, and responding in the situations they will encounter in career settings. Students will practice the principles of communication competencies in professional settings, demonstrate the effect of intrapersonal and interpersonal communication of professional relationships, participate in collaborative communication activities that mirror the contemporary workplace, and deliver a variety of informal talks and addresses relevant to the business world. This course will include but is not limited to ethical communication, responsible social media usage, communication barriers, mass media, conflict resolution, leadership styles, business etiquette, and job interviews.

## **Drama**

1 semester, 1/2 unit

Grade: 9, 10, 11, 12

Course: 416000

ELA Drama is a one-semester English elective course designed to introduce students to the study of dramatic literature. Through the study of written plays, students will become informed, perceptive, and appreciative audience members of plays from various cultures and time periods. To accomplish this goal, students will gain knowledge of dramatic elements by studying classical to contemporary plays. Students will examine and compare historical influences and contexts, universal themes in dramatic literature, and authorial treatment of tragic heroes from various literary periods. Students will demonstrate an understanding of dramatic literature through creative oral and written interpretations and adaptations.

## **Creative Writing**

1 semester, 1/2 unit

Grade: 9, 10, 11, 12

Course: 417010

Creative Writing is a one-semester English elective course designed to engage students in the writing of poetry, short fiction, and personal narratives with an emphasis on developing and exercising imagination. Students will analyze and discuss exemplary texts to develop creative writing skills. Students will critique and refine writing through guided discussions, collaborative revisions, and individual reflections. Students will produce a portfolio of creative work that reflects student growth and understanding of the techniques of published authors. Students will share writing in a variety of ways and research methods for publishing original work.

## **Academic Reading**

1 year, 1 unit

Grade: 9, 10, 11, 12

Course: 419130

Academic Reading is a two-semester course designed to accelerate reading growth for students with dyslexia by strengthening comprehension outcomes in high school grades. The teacher will implement a dyslexia program with fidelity that meets the requirements of Arkansas dyslexia law and rule to teach the standards of this course. In a context of meaningful content, on-going assessment, and focused explicit instruction, students will evaluate fiction and nonfiction texts and multicultural literature of diverse formats (e.g., print media, Web-based texts, fiction and nonfiction books and articles) and genres. In addition, students will engage in differentiated learning activities tied to a variety of fiction and nonfiction texts with increasing complexity. Students will also demonstrate literacy competence through purposeful application of knowledge and skills from this course, based on individual and collective literacy goals.

### **Critical Reading**

1 year, 1 unit each                      Grade: 9, 10, 11, 12                      Course: 419110

Critical Reading is a two-semester course designed to accelerate reading growth by strengthening comprehension outcomes in high school grades. In a context of meaningful content, on-going assessment, and focused explicit instruction, students will evaluate fiction and nonfiction texts and multicultural literature of diverse formats (e.g., print media, Web-based texts, fiction and nonfiction books and articles) and genres. In addition students will engage in differentiated learning activities tied to a variety of fiction and nonfiction texts with increasing complexity. Students will also demonstrate literacy *competence* through purposeful application of knowledge and skills from this course, based on individual and collective literacy goals.

### **Journalism I**

1 year, 1 unit                              Grade: 9, 10, 11, 12                      Course: 415000

Prerequisite: teacher approval

Journalism I is a two-semester course designed to introduce students to the world of media. Students in Journalism I will become analytical consumers of media and technology to enhance their communication skills. Writing, technology, and visual and electronic media are used as tools for learning as students create, clarify, critique, and produce effective communication. Students will learn and apply journalistic guidelines for writing, design, and photography, which include objectivity, responsibility, and credibility.

### **Journalism II**

1 year, 1 unit                              Grade: 10, 11, 12                      Course: 415010

Prerequisite: Journalism I; teacher approval

Journalism II is a two-semester course designed to provide students with an intermediate study of media applications above Journalism I. This course can serve as further preparation for advanced media applications. Students in Journalism II will become active participants in the world of media to enhance their communication skills. Students will progress in their academic knowledge through the roles of reporters, photographers, ad sales, and marketing team members. Writing, technology, and visual and electronic media are used as tools for learning as students create, assess, and produce.

### **Journalism III**

1 year, 1 unit                              Grade: 11,12                              Course: 415020

Prerequisite: Journalism II; teacher approval

Journalism III is a two-semester course designed to immerse students in the production process through an advanced study of media production. Students will employ journalistic skills in media. Students will use academic knowledge gained in Journalism I and II to assume leadership roles and/or become advanced writers, designers, and photographers. Writing, technology, and visual and electronic media are used as tools for learning as students create, critique, and produce.

### **Journalism IV**

1 year, 1 unit                              Grade: 12                                  Course: 415030

Prerequisite: Journalism III; teacher approval

Journalism IV is designed to provide students in media leadership the opportunity to facilitate the production process. Students in Journalism IV will use their advanced journalistic knowledge and leadership skills to facilitate all aspects of media production and to ensure that journalistic guidelines for writing and design, which include objectivity, responsibility, and credibility, are followed. Writing, technology, and visual and electronic media are used as tools for learning as students lead, create, evaluate, and produce.

### **English Language Development I**

1 year, 1 unit                              Grade: 9, 10, 11, 12                      Course: 596600

English Language Development I is a course specifically designed for students who are speakers of other languages and are in need of support for their English language acquisition. Placement in this course will be on an individual basis based on ELPA21 and other standardized assessment scores, and it will be determined by the student's LPAC.



## **Mathematics Department**

### **Algebra I**

1 year, 1 unit                      Grade: 8/ 9                      Course: 430000

This course is designed to emphasize the development of skills and techniques to deal with rational expressions and their applications, graphing in a coordinate plane, systems of equations and inequalities, real numbers and quadratic functions, probability and statistics. The course will also build a necessary vocabulary in mathematics for future courses as well as for this course.

### **Geometry**

1 year, 1 unit                      Grade: 10, 11, 12                      Course: 431000

This course emphasizes the development of a mathematical system based on inductive and deductive reasoning. Basic concepts of lines, planes and angles, properties of triangles, and theorems related to geometric figures such as triangles and circles are studied. A graphing calculator and geometry computer software will be used.

### **Algebra II**

1 year, 1 unit                      Grade: 10, 11, 12                      Course: 432000

Emphasis is given to the understanding and application of linear, quadratic, polynomial, and exponential equations. Other topics include complex numbers, logarithms, sequences and series, matrices, probability and statistics. Algebra II follows the successful completion of Algebra I and Geometry. College bound students should take this course.

### **Quantitative Literacy**

1 year, 1 unit                      Grade: 10, 11, 12                      Course: 439120

Prerequisite: Algebra I

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

### **Pre-Calculus (Virtual)**

1 year, 1 unit                      Grade: 11, 12                      Course: 433000

Prerequisite: Geometry and Algebra II

This course is designed to enhance the higher level thinking skills developed in Algebra II. Basic concepts will increase the understanding of algebraic, linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions. It is an excellent prep course for college bound students.

### **AP Statistics**

1 year, 1 unit                      Grade: 12                      Course: 539030

Prerequisite: Successful completion of Algebra II *\*strongly recommended that student achieved an 'A' or high 'B' in course*

AP Statistics is a college level course that is designed for high-ability math students. This course will 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.

## Science Department

### **Physical Science - Integrated**

1 year, 1 unit                      Grade: 9                      Course: 423000

The Arkansas K-12 Science Standards for 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.

### **Biology - Integrated**

1 year, 1 unit                      Grade: 10                      Course: 420000

The Arkansas K-12 Science Standards for 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.

### **AP Biology**

1 year, 1 unit                      Grade: 11, 12                      Course: 520030

Prerequisite: Biology and Chemistry

AP Biology is a college level course designed to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Descriptive and experimental laboratory exercises provide maximum opportunity for students to learn a variety of skills and reinforce concepts and principles of biology covered in lecture, reading, and discussion. Through the AP Biology Exam, students may earn up to eight (8) hours of college credit. Students must complete the AP exam at the end of the year to receive weighted credit for the course

### **Anatomy & Physiology (Virtual)**

1 year, 1 unit                      Grade: 11, 12                      Course: 424030

Human Anatomy and Physiology is a science course that continues to develop conceptual understanding of the core ideas, science and engineering practices, and crosscutting concepts in biology - integrated. This is a career-focused course for students interested in medical professions and related fields.

### **Environmental Science**

1 year, 1 unit                      Grade: 11,12                      Course: 424020

Environmental science is an integrated science course that continues to develop conceptual understanding of the interactions in Earth science, physical science, and life science systems. The standards for environmental science engage students in the core ideas, scientific and engineering practices, and crosscutting concepts to support the development of knowledge that can be applied to understanding, explaining, and improving human interactions with Earth systems and resources. There are strong connections to mathematical practices of analyzing and interpreting data with creating mathematical and computational models.

### **AP Environmental Science**

1 year, 1 unit                      Grade: 11,12                      Course: 523030

The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

**Chemistry - Integrated**

1 year, 1 unit

Grade: 11

Course: 421000

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. It is recommended that students be enrolled in Algebra II concurrently with this course.

**Social Studies Department****Civics**

1 semester, ½ unit

Grade: 10, 11, 12

Course: 472000

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

**Economics with embedded Personal Finance**

1 semester, ½ unit

Grade: 10, 11, 12

Course: 474300

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

**World History**

1 year, 1 unit

Grade: 10, 11, 12

Course: 471000

World History 9-12 provides an in-depth study of the history of human society from Era 6: Emergence of First Global Age 1450-1770 to Era 9: Contemporary World since 1945. World History is designed to assist students in understanding the human condition, how people and countries of the world have become increasingly interconnected across time and space, and the ways different people view the same event or issue from a variety of perspectives. 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. Knowledge of past achievements and failures of different peoples and nations provides citizens of the 21st century with a broader context within which to address the many issues facing our nation and the world.

**U. S. History**

1 year, 1 unit

Grade: 11,12

Course: 470000

The desired outcome of this course is for students to develop an understanding of the cause-and-effect relationship between past and present events, recognize patterns of interactions, and understand the impact of events in the United States within an interconnected world. United States History Since 1890 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.

**AP United States History**

1 year, 1 unit

Grade: 11, 12

Course: 570020

AP United States History is a college level course dating from the 15th century to the present. The course is designed to provide students with the analytical skills and enduring an understanding necessary to deal critically with the problems and materials in U.S. history. Students learn to assess historical materials and to weigh the evidence and interpretations presented in historical scholarship. Students should possess strong reading and writing skills and be willing to devote time for study and the completion of class assignments. Emphasis is placed on analytical writing, class discussion, use of primary sources, and critical reading. Through the AP United States History Exam, students

may earn up to six (6) hours of college credit. Students must complete the AP exam at the end of the year to receive credit for the course. ***Can be taken in place of U.S. History for graduation requirement***

### **Psychology (Virtual)**

1 semester, 1/2 unit                      Grade: 10, 11, 12                      Course: 474400

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

### **Sociology (Virtual)**

1 semester, 1/2 unit                      Grade: 10, 11, 12                      Course: 474500

Sociology is a one-semester social studies elective course, which introduces students to the social systems that are the foundation of society. An emphasis is placed on culture, social status, social institutions, and social problems, as well as resulting behaviors. Using the tools and techniques of sociologists, students will examine the causes, consequences, and possible solutions for various social issues. Students will read major sociological theorists as well as consider how sociologists approach issues.

## **Foreign Language Department**

### **World Languages (Spanish, French, and German)**

The objectives for World Languages I, II, III, and IV are to communicate ideas (that is, to understand, speak, read, and write the language), and increase communicative and cultural proficiency in the target language(s). Target language cultures, traditions, and current events should be introduced on the appropriate level through selected readings, audio/visual recordings, and other authentic materials to give students an appreciation of the similarities and differences in the life, customs, and cultures of other peoples and civilizations. Listening, speaking, writing, role-playing, and group activities can be designed to instruct, reinforce, and connect language skills. World language courses help students realize the influence of world cultures and civilization upon their own cultural heritage, and to recognize the importance of the role played by other countries in the modern world, while expanding their professional and occupational opportunities. World Languages I, II, III, and IV should include applications, problem solving, higher-order thinking skills, and performance-based and project-based assessments.

#### **Spanish I**

1 year, 1 unit                      Grade: 9, 10, 11, 12                      Course: 440000

#### **Spanish II**

1 year, 1 unit                      Grade: 10, 11, 12                      Course: 440020

#### **Spanish III**

1 year, 1 unit                      Grade: 11, 12                      Course: 440030

#### **French I (Virtual)**

1 year, 1 unit                      Grade: 9, 10, 11, 12                      Course: 441000

#### **French II (Virtual)**

1 year, 1 unit                      Grade: 10, 11, 12                      Course: 441010

#### **German I (Virtual)**

1 year, 1 unit                      Grade: 9, 10, 11, 12                      Course: 442000

**German II (Virtual)**

1 year, 1 unit

Grade: 10, 11, 12

Course: 442010

**American Sign Language I (Virtual)**

1 year, 1 unit

Grade: 9, 10, 11, 12

Course: 449010

ASL I is an introduction to the basic skills in production and comprehension of American Sign Language. The course focuses on the alphabet, numbers, fingerspelling, vocabulary, and grammar which will lead to increased communicative and cultural proficiency in ASL. The culture, history, current events and traditions of the Deaf community are introduced through selected readings, visual recordings, and other authentic materials. Visually attending, signing, individual feedback, and group activities are designed to instruct, reinforce, connect language skills, and develop signacy. This course will include applications, problem solving, higher-order thinking skills, and performance-based and project-based assessments. The goal is to be able to carry on a short conversation with another student by the end of the course. Also, students will develop the practical skills and knowledge necessary for basic interactions within the deaf community.

**American sign Language II (Virtual)**

1 year, 1 unit

Grade: 10, 11, 12

Course: 449020

Students will build upon the skills that were taught in ASL I and continue to increase their ability to comprehend and respond with increasing accuracy to expressive American Sign Language. ASL II provides basic instruction in production and comprehension, vocabulary, and grammar, and eventually leads to increased communicative and cultural proficiency in ASL. Emphasis is placed on the progressive development of expressive and receptive skills. The culture, history, current events, and traditions of the Deaf community are introduced on the appropriate level through selected readings, visual recordings, and other authentic materials. Visually attending, signing, individual feedback, interactive activities and group activities are designed to instruct, reinforce, connect language skills, and develop signacy. This course includes applications, problem solving, higher-order thinking skills, and performance-based and project-based assessments. Students will be able to converse with another student or individuals within the Deaf community with emphasis on appropriate language used in common communication settings.

**Computer Science Department****Robotics I**

1 year, 1 unit

Grades: 10-12

Course:465570

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

**Robotics II**

1 year, 1 unit

Grades: 11-12

Course:465580

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

**Robotics III**

1 year, 1 unit

Grades: 12

Course: 465590

This course deepens the concepts learned in Robotics I and II

**AP Computer Science Year 1**

1 year, 1 unit

Grades: 10, 11, 12

Course: 565030

AP Computer Science is an introductory college-level computing course that introduces students to the breadth of the field of computer science. Students learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They incorporate abstraction into programs and use data to discover new knowledge. Students also explain how computing innovations and computing systems—including the internet—work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical. *This is a Flex Credit, so it can count toward math or science graduation requirements.*

**Health and Physical Education Department****Health and Wellness (Virtual)**

1 semester, ½ unit

Grade: 9, 10, 11, 12

Course: 480000

This course covers body systems, first aid, substance abuse, teen pregnancy, nutrition, human relations, dating violence, STDs, AIDS, self-esteem, communicable diseases, fitness/staying fit, alcohol and tobacco use and abuse. *This is a virtual course and its successful completion will also meet the digital requirement for graduation.*

**Personal Fitness for Life (formerly PE)**

1 semester, ½ unit

Grade: 9, 10, 11, 12

Course: 485010

This course gives students the opportunity to participate in a variety of sports and activities. It is a coeducational course with objectives directed toward development of neuromuscular skills and physical fitness, understanding of rules and strategies, and good use of leisure time. Opportunities are provided for individual performance and excellence as well as situations to work as a team member. Attendance, participation, and written and skills assessments will be used throughout the course to determine a student's grade. Physical education may be taken for one semester – either fall or spring, or for a full year. No more than 1 PE credit can count toward graduation.

**Recreational Sports**

1 semester, ½ unit

Grade: 9, 10, 11, 12

Course: 485025

Recreational Sports 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. 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.

**Boys Football (9th grade only)**

1 year, 1 unit

Grade: 9

Course: 1st semester: 485040 2nd semester: 485020

This course will count toward the graduation requirement for PE.

**Boys Basketball (9th grade only)**

1 year, 1 unit

Grade: 9

Course: 1st semester: 485041 2nd semester: 485021

This course will count toward the graduation requirement for PE.

**Girls Basketball (9th grade only)**

1 year, 1 unit

Grade: 9

Course: 1st semester: 485042 2nd semester: 485022

This course will count toward the graduation requirement for PE.

**Girls Softball 1st semester (9th grade only)**

1 year, 1 unit                      Grade: 9                      Course: 1st semester: 485044    2nd semester: 485024

This course will count toward the graduation requirement for PE.

**Boys Baseball 1st semester (9th grade only)**

1 year, 1 unit                      Grade: 9                      Course: 1st semester: 485046    2nd semester: 485026

This course will count toward the graduation requirement for PE.

**Girls Tennis 1st semester (9th grade only)**

1 year, 1 unit                      Grade: 9                      Course: 1st semester: 485043    2nd semester: 485023

This course will count toward the graduation requirement for PE.

**Sr. Boys Football**

1 year, no credit                      Grade: 10, 11, 12                      Course: 999810

**Sr. Boys Basketball**

1 year, no credit                      Grade: 10, 11, 12                      Course: 999811

**Sr. Boys Baseball**

1 year, no credit                      Grade: 10, 11, 12                      Course: 999812

**Sr. Girls Basketball**

1 year, no credit                      Grade: 10, 11, 12                      Course: 999813

**Sr. Girls Softball**

1 year, no credit                      Grade: 10, 11, 12                      Course: 999821

**Sr. Girls Tennis**

1 year, no credit                      Grade: 10, 11, 12                      Course: 999822

**Fine Arts Department****Art I**

1 year, 1 unit                      Grade: 9, 10, 11, 12                      Course: 450000

Students in this class will learn the important basic drawing techniques in pencil and pen and ink as well as some basic color theory in painting. Students will be taught to use line, value, proportion and perspective to make things they draw look 3-dimensional. Students will use a variety of color media and be introduced to three dimensional construction. Students will begin to explore specific artists, styles, and periods of art. Students will be expected to prepare at least one piece of art for the annual art show. This is the entry level course for students planning to take additional art courses in high school.

**Art II**

1 Year, 1 Unit                      Grade: 10, 11, 12                      Course: 450030

Prerequisite: Art I

Students will be taught to use specific art media within a strong emphasis on composition, design and personal expression in their work. Included are pen and ink, scratchboard, pastels, oil painting, watercolor, basic printmaking, and 3-dimensional design. Along with each project area, students will study specific artists, styles, and periods of art that pertain to that subject.

Students will be expected to complete work within a time frame, do one homework assignment each week and enter art contests.

### **Studio Art 2D / 3D**

Semester courses, .5 units each    Grade: 10, 11,12    Course (2D): 450080    Course (3D): 450090

Prerequisite: Art I

Studio Art 2D/3D is a course in which students further explore, apply, and move toward mastery of the elements of art and principles of design in specific areas of art, such as ceramics, jewelry, mosaics, fiber arts, sculptures, mixed media, altered books, or other 2D/3D media. Student art will demonstrate evidence of complex problem-solving skills, higher order thinking, risk taking, imagination, and innovation. Students will exhibit art and will assemble portfolios that reflect personal growth in the media, techniques, process, and tools used to create complex compositions.

### **Music Appreciation**

1 semester, 1/2 unit    Grade: 9, 10, 11, 12    Course: 453030

Music Appreciation is a one-semester course designed to teach students the basic elements, principles, processes, materials, and inherent qualities of music. Students will examine a broad range of methods and will conduct critical analyses of the creative processes involved in music. Students will reflect on the connections between society and music. Music Appreciation students will develop perceptual awareness and aesthetic sensitivity as well as a foundation for a lifelong relationship with music. The Standards for Accreditation require schools to offer one-half unit of survey of fine arts OR one-half unit of advanced art or advanced music. Music Appreciation may be used to fulfill this requirement. Music Appreciation will also satisfy the one-half credit fine arts requirement for graduation.

### **Music Lab I**

1 year, 1 unit    Grade: 9,10,11,12    Course: 451500

Music Lab is a two semester course designed to provide instruction in any harmonizing instrument, including but not limited to piano, guitar, banjo, general keyboards, synthesizers, iPads, or various technological media. Through the processes of creating, performing, and analyzing music for these instruments, the students will develop the knowledge, skills, and attitudes for lifelong playing and listening to music. Music Lab I creates opportunities for personal music expression through choosing, discussing, and sculpting the musical experiences.

### **Instrumental Music (Band)**

In order to be in the high school band, a student must demonstrate to the director an acceptable level of proficiency on a band instrument. This will be accomplished using a standard audition process. The audition process will include achieving or exceeding minimum performance scores on all major scales, required audition exercises and a music sight-reading test to gauge the student's grasp of basic music concepts. The HS band performs at many athletic events, three to four marching contests, and multiple concerts. Attendance at these events is required and is reflected in the grading process for this class. Students may also be required to participate in region and state level competitions.

#### **Band I**

1 year, 1 unit    Grade: 9,10,11,12    Course: 451000

#### **Band II**

1 year, 1 unit    Grade: 10, 11, 12    Course: 451040

#### **Band III**

1 year, 1 unit    Grade: 11,12    Course: 451050

#### **Band IV**

1 year, 1 unit    Grade: 12    Course: 451060



**Vocal Music (Choir)**

The Carlisle Choir is a performance organization with presentations locally and at Region and State Choral competitions. All-Region choir tryouts are required. Attendance at all concerts and performances is required. There will be some weekend and evening activities. Choral uniforms are required at student expense. The Carlisle choir is an opportunity for the student to grow musically and develop better vocal production.

**Choir I**

1 year, 1 unit      Grade: 9,10,11,12      Course: 452000

**Choir II**

1 year, 1 unit      Grade: 10, 11, 12      Course: 452040

**Choir III**

1 year, 1 unit      Grade: 11, 12      Course: 452050

**Choir IV**

1 year, 1 unit      Grade: 12      Course: 452060

**CAREER AND TECHNICAL DEPARTMENT**

A student who has completed three units of credit in grades 9-12 including all the required core courses in a career focus/program of study and graduated from high school will be considered a completer. Completing a program of study not only gives students information to build on in a desired career but it also opens doors for potential scholarships. *Completing a program of study is not a graduation requirement.*

**Agriculture Department**

Plant Systems Pathway			Power, Structural, and Technical Systems Pathway		
Core Requirements	Units	Grade Level	Core Requirements	Units	Grade Level
Survey of Agriculture Systems	1	9-12	Survey of Agriculture Systems	1	9-12
Plant Science	1	10-12	Agriculture Mechanics	1	10-12
Advanced Plant Science	1	11-12	Agriculture Structural Systems	1	11-12

Animal Science Pathway		
Core Requirements	Units	Grade Level
Survey of Agriculture Systems	1	9-12
Animal Science	1	10-12
Advanced Animal Science	1	11-12

**Survey of Agricultural Systems**

1 year, 1 unit      Grade: 9,10, 11, 12      Course: 491150

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

**Agriculture Mechanics**

1 year, 1 unit                      Grade: 10, 11, 12                      Course: 491390

Prerequisite: Agricultural Science and Technology

The Ag Mechanics course encompasses the study of agricultural equipment, power systems and precision technology, as well as woodworking, metalworking, welding and project planning for agricultural structures.

**Agricultural Structural Systems**

1 year, 1 unit                      Grade: 11, 12                      Course: 491410

Prerequisite: Ag Mechanics

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

**Plant Science**

1 year, 1 unit                      Grade: 10, 11, 12                      Course: 491340

Prerequisite: Agricultural Science and Technology

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

**Advanced Plant Science**

1 year, 1 unit                      Grade: 11,12                      Course: 491030

Prerequisite: Plant Science

This course allows for an in-depth look at the Plant Science Industry while providing hands-on laboratories and opportunities to participate in FFA and Supervised Agricultural Experiences.

**Animal Science**

1 year, 1 unit                      Grade: 10, 11, 12                      Course: 491180

Prerequisite: Survey of Agriculture

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

**Advanced Animal Science**

1 year, 1 unit                      Grade: 11, 12                      Course: 491010

Prerequisite: Animal Science

This course allows for an in-depth look at the Animal Science Industry while providing hands-on opportunities to participate in FFA and Supervised Agricultural Experiences.

**Agribusiness Management (Virtual)**

1 year, 1 unit                      Grade: 10, 11, 12                      Course: 491030

Prerequisite: Survey of Agriculture

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

## Family and Consumer Science Department

Human and Social Services Pathway (Concentrator)			Nutrition Science and Dietetics Pathway		
			Core Requirements	Units	Grade Level
Core Requirements	Units	Grade Level	Family and Consumer Science	1	9-12
Family and Consumer Science	1	9-12	Foods Safety and Nutrition	1	10-12
Child Growth and Development	1	10-12	Life and Fitness Nutrition	1	11-12

### Family and Consumer Science

1 year, 1 unit                      Grade: 9, 10, 11, 12                      Course: 493080

Family and Consumer Science provides students with the basic information and skills needed to function effectively in the family and the workforce, within a complex and changing society. Emphasis is on the development of competencies related to Family, Career, and Community Leaders of America, individual and family relationships, healthy lifestyle choices; housing and interior design; garment care, selection and construction; the physical, emotional, social and intellectual development of children; nutrition, meal planning, food preparation and foodservice; home management, money management. Upon completion of this course, the student should have developed skills that promote a positive influence on the quality of life. **In kitchen labs areas, kitchens should be limited to 3-5 students for safety purposes.**

### Child Growth and Development

1 year, 1 unit                      Grade: 10, 11, 12                      Course: 493020

Prerequisite: Family and Consumer Science

Lifespan Development focuses on skills needed to guide the physical, cognitive/intellectual, emotional, and social development of children. This course focuses on development of career-ready skills related to pregnancy and prenatal development, types and stages of child growth and development, needs of children, factors influencing the behavior of children, children with special needs, coping with crises, the effects of technology on child development, and careers related to the area of child development. Students will also gain knowledge and skills of the parenting process and parenting skills, costs related to raising children, resources available to parents, and factors to consider when selecting childcare and education options. Lifespan Development will benefit anyone who lives with, associates with, or works with children in various career fields.

### Food Safety and Nutrition

1 year, 1 unit                      Grade: 10, 11, 12                      Course: 493110

Prerequisite: Family and Consumer Science

This course focuses on the development of essential food safety practices needed to select, receive, store, prepare, and serve food, as well as the skills needed to select food that meets nutritional needs of individuals and families. Students will learn to create and implement an environment of food safety procedures based on the latest FDA Food Code and local regulations. This course gives emphasis to the development of competencies related to nutrition, weight control, the food consumer, the effect of technology on food and nutrition, and food preparation skills. With completion of this course, students should be able to apply sound sanitation practices, to apply sound nutritional practices for positive effect on their health, and food preparation skills necessary in various aspects of the food industry.

### Life and Fitness Nutrition

1 year, 1 unit                      Grade: 11, 12                      Course: 493200

Prerequisites: Food Safety and Nutrition

Life Fitness Nutrition is a Level 3 course in the Nutrition Science and Dietetics program of study. It enables students to analyze the interaction of nutrition, foods, and fitness for overall wellness. In this course, students will develop nutrition and fitness habits to make wise decisions regarding healthy living. Students will develop higher order thinking skills and academic skills in the areas of math, science, language arts, and social studies through the evaluation of relevant nutrition and wellness information. The course is for students with interests in health and wellness, fitness, and foods and nutrition related career pathways.

## Business Department

Business Finance Pathway			Marketing Research		
Core Requirements	Units	Grade Level	Core Requirements	Units	Grade Level
Survey of Business	1	9-12	Survey of Business	1	9-12
Financial Planning	1.5	10-12	Digital Marketing	1	10-12
Securities, Investments, Risk, and Insurance OR Accounting I (virtual)	1	11-12	Markets and Analytics	1	11-12

### Survey of Business

1 year, 1 unit                      Grade: 9, 10, 11, 12                      Course: 492120

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 Business Enterprise, Digital Marketing and Retail Management; 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. Computerized Business Applications is designed to prepare students in the use of software that is industry recognized. Topics include: word processing, spreadsheets, database, presentations, and cloud computing. This course will focus on skills needed to obtain Microsoft Office Specialist (MOS) certifications.

### Financial Planning

1 year, 1.5 units                      Grade: 10, 11, 12                      Course: 492290

Prerequisite: Survey of Business

Financial Planning and Wealth Management introduces students to the basic concepts of economics and financial literacy then builds 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. Students completing this course will receive 1.5 credits

### Securities, Investments, Risk, and Insurance

1 year, 1 unit                      Grade: 10, 11, 12                      Course: 492000

Prerequisite: Financial Planning

Securities, Investments, Risk, and Insurance provides students with the tools and techniques needed for short-term earnings and long-term savings and investing strategies while emphasizing an understanding of the value of money. In addition, ethical and professional characteristics for career success will be addressed. Project-based learning opportunities will be used to introduce students to the real-world applications of insurance planning, risk management, and investment avenues of personal financing planning.

### Computerized Accounting I (Virtual)

1 year, 1 unit                      Grade: 11, 12                      Course: 492100

Prerequisite: Financial Planning

Computerized Accounting I emphasizes on basic accounting principles as they relate to both manual and computerized financial systems. Instruction is on an integrated basis, using computers, spreadsheet software, and

electronic calculators as the relationships and processes of manual computerized accounting are presented. Entry-level skills in the accounting occupations can be attained.

### **Digital Marketing**

1 year, 1 unit                      Grade: 10, 11, 12                      Course: 492760

Prerequisite: Survey of Business

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

### **Markets and Analytics**

1 year, 1 unit                      Grade: 11, 12                      Course: 492800

Prerequisite: Digital Marketing

This two-semester course extends training in managing digital marketing content and data to maintain brand integrity, customer satisfaction, and profitability of a business. Students will learn strategies for creating effective digital marketing content directed toward specific target markets and for specific online platforms. Students will also explore and practice various methods for gathering and analyzing data in order to maximize return on investment for digital and content marketing efforts.

### **Personal Finance**

1 semester, .5 unit                      Grade: 9, 10, 11, 12                      Course: 491990

This is a one-semester course designed to increase personal finance knowledge and skills and prepare students to successfully manage financial resources. This course also focuses on the individual's role and financial responsibilities as a student, citizen, consumer, and an active participant in the business world.

## **OTHER VIRTUAL COURSE OFFERED THROUGH VIRTUAL ARKANSAS**

**These courses are subject to change depending on the offerings from Virtual Arkansas**

### **Fashion Merchandising (Spring only)**

1 semester, .5 unit                      Grade: 10, 11, 12                      Course: 492190

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

### **Arkansas Hospitality and Tourism (Spring only)**

1 semester, .5 unit                      Grade: 10, 11, 12                      Course: 492230

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

### **Tourism Industry Management**

1 year, 1 unit                      Grade: 10, 11, 12                      Course: 492260

The content includes but is not limited to customer service, management and supervisory development, management theory, decision making, organization, communications, human relations, leadership training, personnel training,

travel counseling, reservationists, ticketing, tour development, security, sales, travel and tourism accounting, marketing, and convention management, applicable local, state, and federal laws and asset management.

### **Cybersecurity I**

1 year, 1 unit                      Grade: 10, 11, 12                      Course: 46521V

These beginner level computer science courses offer students the opportunity to explore three distinct areas in computer science: programming, networking, and cybersecurity. This course emphasizes the cybersecurity component in the context of the other two components. Students will develop knowledge and skills in computational thinking and problem solving; data and information; algorithms and programs; computers and communications; and community, global, and ethical impacts. Level I coursework focuses on introducing students to basic concepts and helping them make real-world connections between course topics and cybersecurity in the field of computer science.

### **Cybersecurity II**

1 year, 1 unit                      Grade: 10, 11, 12                      Course: 46522V

Prerequisites: It is strongly recommended that students complete the Cybersecurity Year 1 course.

The year 2 course focuses on guiding students to deeper comprehension of cybersecurity concepts and helping them make real-world connections between course topics and cybersecurity in the field of computer science.

### **Today's American Art (Fall only)**

1 semester, .5 unit                      Grade: 10, 11, 12                      Course: 550010

In this course, you'll explore the works of several contemporary artists who employ a variety of techniques. You'll experiment with these artists' techniques, ideas, and concepts by creating artworks of your own, inspired by their work. These experimental art projects will help you find a concept or theme that you'll develop for a class art exhibition. Get ready to play with new ideas, create, have fun, and talk with other students about the process of making art!

### **Exploring Personal and National Identity Through Art (Spring only)**

1 semester, .5 unit                      Grade: 10, 11, 12                      Course: 553010

Brought to you by the Crystal Bridges Museum of American Art in Bentonville, Arkansas, this course is full of amazing artwork, fun activities and lots of opportunities to develop your ideas about your own identity and American identity. There is something unique about the United States of America. It is a country, but "America" also represents an ideal that encompasses people's dreams and ambitions. In this course, you will learn to see and understand art in context, and you will share your own perspectives on being American in two personally curated exhibits. Join us as we explore what it means to be American and how artists express the American experience through art

### **College and Career Readiness (Fall only)**

1 semester, .5 unit                      Grade: 12                      Course: 493880

College and Career Readiness is a one-semester course. It is designed to provide the student with the necessary skills to evaluate fundamental employment ready skills 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. The course is recommended to be taken the first semester of the senior year to allow counselors working with seniors to prepare for graduation and college preparation. Students will assess labor market information, personal academic and career ready potential, and make applications to postsecondary institutions. This course will use the Career Ready 101 curriculum to prepare students to take the ACT WorkKeys assessments to earn the Arkansas Career Readiness Certificate.

### **Introduction to Criminal Justice**

1 year, 1 unit                      Grade: 10, 11, 12                      Course: 494620

This course provides the historical background of the agencies that compose the criminal justice system. It focuses on the development of justice and law, crime and punishment, the administration of laws, the agencies' functions, career orientation and public relations.

**Criminal Law**

1 year, 1 unit                      Grade: 10, 11, 12                      Course: 494610

This course emphasizes the study of substantive criminal law. Selected crimes most likely to be dealt with by the criminal justice professional are explored through discussion, where applicable, of the English Common Law precedents, general modern application and specific Arkansas Criminal Code.

**Foundations of Healthcare**

1 year, 1 unit                      Grade: 10, 11, 12                      Course: 494350

This course is designed to introduce students to medical professions and the basic foundational skills for first aid and the treatment of patients. This course is a revised combination of Introduction to Medical Professions and Medical Procedures.

**Foundations of Sports Medicine**

1 year, 1 unit                      Grade: 10, 11, 12                      Course: 494050

This course will introduce students to the realities of the Sports Medicine field and educate them about the role an Athletic Trainer plays in the field. Students will learn a variety of concepts in healthcare from Sports Medicine's historical foundations to injury management and will be provided an opportunity for hands-on learning.

**Medical Terminology**

1 year, 1 unit                      Grade: 11, 12                      Course: 495360

Prerequisite: Biology

Medical Terminology is a year-long course designed to facilitate learning and comprehension of the basics of medical terminology in relation to each body system. This course allows students to achieve comprehension of anatomy and physiology, pathological conditions, diagnostic tests, procedures, and treatments for common medical disorders. In addition, students will review spelling, defining, and pronouncing medical terms. This course will be beneficial for anyone considering pursuing a career in healthcare.

**Human Behaviors and Disorders (Spring only)**

1 semester, .5 unit                      Grade: 10, 11, 12                      Course: 495320

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.

**Abnormal Psychology (Fall only)**

1 semester, .5 unit                      Grade: 10, 11, 12                      Course: 495370

This course provides a basic survey of maladaptive human behavior. Major psychological disorders, their causes, symptom behaviors, cultural influences, and relevant treatment approaches are discussed. Included topics are historical medical background, perspectives of treatment of the mentally ill, fundamental definitions, causes of anxiety disorders, disorders of mood, personality disorders, disorders of thought, including schizophrenia, substance-related disorders, and domestic violence. Legal, ethical, and social issues relating to the medical professional's role in treating psychological disorders are explored.

**Pathology (Fall and Spring)**

1 semester, .5 unit                      Grade: 11, 12                      Course: 495290

Prerequisite: Biology

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 designed for students who have an interest in medical topics and who enjoy science.

## COLLEGE COURSES

### Concurrent credit

#### Public Speaking (Fall and Spring)

1 semester, 1 unit      Grade: 12      Course: 514000

Prerequisite: 19 English ACT *and* 19 Reading ACT (or ACT Aspire/Accuplacer qualifying scores)

Fundamentals of composition, delivery, and logical reasoning. Effective utilization of basic visual aids will be included.

#### Freshman Composition I (Fall only)

1 semester, 1 unit      Grade: 12      Course: 519940

Prerequisite: 19 English ACT *and* 19 Reading ACT (or ACT Aspire/Accuplacer qualifying scores)

This course focuses on instruction in expository essay form, structure and style. Purposeful writing, self-expression, and the logical presentation of ideas are stressed. **This course will substitute for the first semester of English 12 for graduation.**

Note: A grade of C or better must be earned to satisfy the general education requirement of English.

#### Freshman Composition II (Spring only)

1 semester, 1 unit      Grade: 12      Course: 519941

Prerequisite: Freshman English I

This course is a continuation of Freshman English I with the addition of research papers and literary genres. Suitable documentation styles, proper outlining, and paraphrasing are included in the research paper study. Selection of poetry, short stories, and drama prepare students for other literature courses. **This course will substitute for the second semester of English 12 for graduation.**

Note: A grade of C or better must be earned to satisfy the general education requirement of English.

#### Survey of College Math (Fall only)

1 semester, 1 unit      Grade: 12      Course: 539900

Prerequisite: 19 Math ACT *and* 19 Reading ACT (or ACT Aspire/Accuplacer qualifying scores); Algebra II

The course focuses upon the mathematics of contemporary life. Topics include Planning and Scheduling schemes from Management Science, Data Analysis, Probability and Inference from Statistics, Voting Systems and Division Schemes from the science of Social Choice, and various Growth Models.

**This course may be taken to fulfill the 4th math requirement for graduation.**

Note: A grade of C or better must be earned to satisfy the general education requirement of mathematics.

#### College Algebra (Fall and Spring)

1 semester, 1 unit      Grade: 12      Course: 539901

Prerequisite: 19 Math ACT *and* 19 Reading ACT (or ACT Aspire/Accuplacer qualifying scores); Algebra II

College Algebra is designed to teach students the fundamentals of algebra, polynomials and graphs, conic sections, systems of linear equations, and matrices. This class will meet the college core graduation requirement and students will receive 3 hours of college credit and one high school math credit. **This course may be taken to fulfill the 4th math requirement for graduation.**

#### Experiencing Art (Fall and Spring)

1 semester, 1 unit      Grade: 11,12      Course: 559000

Prerequisite: 19 English ACT *and* 19 Reading ACT (or ACT Aspire/Accuplacer qualifying scores)

This course is designed to provide a background in art and the related processes so that a student may develop powers of observation and thereby respond to a work of art.



**World History to 1500 (Fall only)**

1 semester, 1 unit Grade: 11, 12 (fall)

Course: 579910

Prerequisite: 19 English ACT *and* 19 Reading ACT (or ACT Aspire/Accuplacer qualifying scores)

The history of humanity from prehistoric times to the sixteenth century.

**World History since 1500 (Spring only)**

1 semester, 1 unit Grade: 11, 12

Course: 579911

Prerequisite: 19 English ACT *and* 19 Reading ACT (or ACT Aspire/Accuplacer qualifying scores)

The history of humanity from the sixteenth century to the present.

**U.S. History to 1877 (Fall only)**

1 semester, 1 units Grade: 11, 12

Course: 579920

Prerequisite: 19 English ACT *and* 19 Reading ACT (or ACT Aspire/Accuplacer qualifying scores)

The study of the development of the American nation to the Civil War and Reconstruction Era.

**U.S. History from 1877 (Spring only)**

1 semester, 1 unit Grade: 11, 12

Course: 579921

Prerequisite: 19 English ACT *and* 19 Reading ACT (or ACT Aspire/Accuplacer qualifying scores)

The study of the development of the American nation after the Civil War and Reconstruction Era.

**Introduction to Biological Science**

1 year, 1 unit Grade: 11, 12

Course: 529910

Prerequisite: 19 Reading ACT *and* 19 Math or Science ACT (or ACT Aspire/Accuplacer qualifying scores)

An in-depth study of the biological principles and the interrelationships of biology with other sciences. Topics included are: cellular structure, intermediary metabolism and differentiation, population genetics, ecology, and evolution.

**Introduction to Education (Fall only)**

1 year, 1 unit Grade: 10, 11, 12

Course: 590230

Prerequisite: ACT scores (or ACT Aspire/Accuplacer qualifying scores) depend on the Cumulative GPA

This is the first level course in the Arkansas Teacher Residency model. Introduction to Education is designed with the intent to prepare high school students to become prospective Arkansas teachers. Students in this course will study the foundations of American education including important historical moments and Acts, professional behavior, student needs and diversity, instructional methods, communication strategies for all stakeholders, and reflective practices to support learning. Students will collaborate with an Arkansas teacher to actively participate in classroom observations and field experience opportunities.

**Education Technology**

1 year, 1 unit Grade: 11, 12

Course: 590520

Prerequisite: ACT scores (or ACT Aspire/Accuplacer qualifying scores) depend on the Cumulative GPA

This is the second level course in the Arkansas Teacher Residency model. Education Technology is a project-based course that introduces students to the role of technology in the classroom. Students will explore various technologies being used as digital learning tools in multiple modes of learning including online, face-to-face, and hybrid classroom environments. This course will expose students to the skills and strategies needed to integrate technology into the classroom, develop methods of digital communication and collaboration, support practices for digital citizenship, and reflect on their own performance in a digital environment. Students are expected to gain field experience by completing classroom observations, both online and face-to-face, with a licensed Arkansas teacher and to complete an initial Google certification to become a Google certified Educator.

**Child Growth and Development**

1 year, 1 unit Grade: 12

Course: 592020

Prerequisite: ACT scores (or ACT Aspire/Accuplacer qualifying scores) depend on the Cumulative GPA

This is the third level course in the Arkansas Teacher Residency model. Child Growth and Development explores human growth and development starting from the prenatal stages and going through adolescent maturation. The course content deals with in-depth theories, practices, trends, and environmental factors that influence the development of children and adolescents, including family dynamics and the role of a child educator. Students are expected to complete field work and observations with a licensed Arkansas teacher in order to observe and record the learning behaviors and dynamics of children in a classroom.

### **LONOKE BUSINESS ACADEMY**

Students in grades 11 and 12 will have the opportunity to go to the Lonoke Business Academy in Lonoke to take courses in three different programs. The courses will be through ASU-Beebe or Greenway Equipment. Most of the courses through ASU Beebe allow students to earn college credit.

#### **Diesel Technology (ASU Beebe)**

2 courses per semester

Grade: 11, 12

Course: 000001

The diesel Technology program is designed to prepare students to become part of the field that powers heavy duty engine systems and other industry equipment in the world of diesel technologies. Medium and heavy truck mechanics can often expect higher wages than the gasoline counterparts. Students will be training in the repair and maintenance of heavy equipment, which includes industrial equipment and heavy trucks.

#### **Medical Professions (ASU Beebe)**

2 courses per semester

Grade: 11, 12

Course: 000002

The Medical Professions Education program is designed to introduce students to the variety of health care occupations and to help the student gain skills and knowledge that are needed to become a contributing member of the health care community. Besides familiarizing students with entry-level knowledge for a variety of health occupations, such as nursing, pharmacy tech, emergency response, physical therapy, and medical laboratory, the students will gain practical and clinical skills experience through simulated health-care settings.

#### **Ag Power Systems Technology (Greenway)**

2 courses per semester

Grade: 11, 12

Course: 000003

Greenway Ag Power Systems Technology program is a 2 year high school program designed to give qualified students the skills needed to diagnose and repair agricultural equipment. The program covers areas of hydraulics, electrical, and engine diagnostics used in the latest on farm ag equipment. Other areas of focus include customer service, job management, communication, and team building. Upon completion students will have the skills to qualify for a service or parts position within Greenway Equipment.

### **Other Credit Opportunity**

#### **Community Service Learning**

**\*\*\* Starting with the Class of 2027, students will be required to complete 75 hours of community service to graduate.**

496010 Service Learning (10th, 11th, 12th)

Prerequisite: Application only

Students may earn 1 unit of elective credit for 75 clock hours of community service. See the counselor for more information.