

Bauxite High School and Miner Academy



**Course Guide
2023–2024**

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Once a Miner, Always a Miner

Bauxite High School Graduation Plans

Regular Graduate (25 credits)

<p>4 credits total</p> <p style="text-align: center;">English Language Arts</p> <hr/> <p>3 credits total</p> <p style="text-align: center;">Science</p> <hr/> <p>.5 credit total</p> <p style="text-align: center;">Oral Communication</p> <hr/> <p>.5 credit total 2.0 credit total*</p> <p style="text-align: center;">Business</p> <hr/> <p>8.5 credits total (7.0)*</p>	<p>English 9 (1)</p> <p>English 10 (1)</p> <p>English 11 (1)</p> <p>English 12 (1)</p> <hr/> <p>Physical Science (1)* Biology (1)* Chemistry (1) Environmental Sci (1) Physics (1) Anatomy & Physiology (1) Computer Science Flex Credit (1) *REQUIRED BY STATE</p> <hr/> <p>(Personal/Professional) (.5)</p> <hr/> <p>Survey of Business (.5) (1.0)** Computer Science Prog I (1.0)**</p> <hr/> <p>Electives (Student's Choice)</p>	<p>4 credits total</p> <p style="text-align: center;">Mathematics</p> <hr/> <p>3 credits total</p> <p style="text-align: center;">Social Studies And Economics</p> <hr/> <p>.5 credit each</p> <p style="text-align: center;">Health</p> <p style="text-align: center;">Physical Education</p> <hr/> <p>.5 credit total</p> <p style="text-align: center;">Fine Arts</p> <hr/>	<p>Algebra I (1)* Geometry (1)* Algebra II (1) Quantitative Lit. (1) Algebra III (1) Pre-Cal/Trig (1) AP Calculus (1) Advanced Topics & Modeling in Mathematics (1) Transitional Math Ready (1) Computer Science Flex Credit (1) *REQUIRED BY STATE</p> <hr/> <p>Civics (.5) Economics (.5) World History (1) US History (1)</p> <hr/> <p>Physical Education (.5)</p> <p style="text-align: center;">Health (.5)</p> <p style="text-align: center;">Athletics with PE (.5)</p> <hr/> <p>Art / Choir / Band Theatre / Art History Art Appreciation Music Appreciation</p>
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**** Required for graduating classes 2026 and beyond**

Honor Graduate (25 credits)

<p>1 - Students will have to attain a GPA of 3.500 or better to be considered an Honor Graduate and Honors will be attained by the following scale:</p> <p>Summa Cum Laude: 4.000 or above Magna Cum Laude: 3.750 - 3.999 Cum Laude: 3.50 - 3.749</p> <p>#1 and #2 graduates as well as all Honor Graduates grade point averages must have attained all of the Honor Graduate requirements.</p>	<p>2 - Must take the following classes above regular graduation requirements:</p> <p>AP English Language, AP Literature, or Freshman Comp. I/II (if Comp I/II is taken for Junior/Senior English, then AP Lit and AP Lang can be taken as an AP requirement below)</p> <p>Physics or Chemistry as 3rd science requirement</p> <p>*Math course above Algebra II (College Algebra, Pre-Calculus, Algebra III, or AP Calculus)</p> <p>Spanish I/II or two years of the same foreign language</p> <p>In addition to the above, student must choose 2 units from the following: (1 of the 2 must be an AP course)</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Honors Geometry</td> <td style="width: 50%;">Honors English 9</td> </tr> <tr> <td>Honors Algebra II</td> <td>Honors English 10</td> </tr> <tr> <td colspan="2">Honors Physical Science</td> </tr> <tr> <td>Honors World History</td> <td>Honors Biology</td> </tr> <tr> <td>AP Biology</td> <td>Chemistry II</td> </tr> <tr> <td>AP Statistics</td> <td>AP US History</td> </tr> <tr> <td>AP World History</td> <td>AP Calculus</td> </tr> <tr> <td colspan="2">AP Computer Science A</td> </tr> <tr> <td colspan="2">AP Computer Science Principles</td> </tr> <tr> <td colspan="2">AP Government</td> </tr> <tr> <td colspan="2">AP Psychology</td> </tr> <tr> <td colspan="2">AP Environmental Science</td> </tr> <tr> <td colspan="2">AP Language*</td> </tr> <tr> <td colspan="2">AP Literature*</td> </tr> <tr> <td colspan="2">CC College Algebra</td> </tr> <tr> <td colspan="2">CC College American History</td> </tr> </table> <p style="text-align: right; margin-top: 10px;">* If student took CC Comp I/II</p>	Honors Geometry	Honors English 9	Honors Algebra II	Honors English 10	Honors Physical Science		Honors World History	Honors Biology	AP Biology	Chemistry II	AP Statistics	AP US History	AP World History	AP Calculus	AP Computer Science A		AP Computer Science Principles		AP Government		AP Psychology		AP Environmental Science		AP Language*		AP Literature*		CC College Algebra		CC College American History		<p>3 - Fulfill all graduation requirements as presented by Bauxite HS & Miner Academy principals.</p>
Honors Geometry	Honors English 9																																	
Honors Algebra II	Honors English 10																																	
Honors Physical Science																																		
Honors World History	Honors Biology																																	
AP Biology	Chemistry II																																	
AP Statistics	AP US History																																	
AP World History	AP Calculus																																	
AP Computer Science A																																		
AP Computer Science Principles																																		
AP Government																																		
AP Psychology																																		
AP Environmental Science																																		
AP Language*																																		
AP Literature*																																		
CC College Algebra																																		
CC College American History																																		

Class Credits and Classification

Freshman.....0 - 5.5 credits
Sophomores.....6 - 11.5 credits
Juniors.....12 - 17.5 credits
Seniors.....18 or more credits

Credits are evaluated at the end of each semester and classifications are updated as students are eligible according to credits earned. Students must have 25 credits to graduate from Bauxite High School.

Grading Scale

A = 90 - 100
B = 80 - 89
C = 70 - 79
D = 60 - 60
F = 50 - below

The following grade points are used to determine grade point averages. Grades in activity courses are not used in determining grade point averages.

Grade Points

A = 4.0
B = 3.0
C = 2.0
D = 1.0
F = 0.0

AP Grade Points

A = 5.0
B = 4.0
C = 3.0
D = 2.0
F = 0.0

Weighted Advanced Placement Courses at BHS

AP Biology	AP US Government & Politics
AP US History	AP World History
AP Calculus	AP Statistics
AP Psychology	AP Environmental Science
AP English Language	AP English Literature
AP Computer Science A	AP Computer Science Principles

Graduation Requirements

All students must earn 25 credits for state-required subjects and electives as described on the previous pages. See testing programs for the tests that are required.

Testing Programs

Cambium Summative Assessment - Students in grades 9 and 10 are required to take the Arkansas State Standardized Summative Exam created by Cambium. Students in grade 11 will take a free ACT in February as their state exam. All of the tests cover English, Math, Reading, and Science over which the students will be tested.

ACT Test - This college entrance exam is offered at Bauxite High School in September, October, December, February, and April. Students may also take this test in June, at another location. The ACT is a timed test consisting of four different sections: English, Math, Reading, and Science. An optional Writing portion of the exam may be taken. Students are encouraged to take the ACT in the Spring of their sophomore year, then again in the Fall and Spring of their junior year. In order to qualify for scholarships, students must take the ACT by December of their senior year. Students must register online at www.actstudent.org. A photo ID is required. ***Fees are the responsibility of the student/parent.***

Accuplacer - Accuplacer refers to a testing system that can be used to determine if post-secondary students have the skills and knowledge needed to start taking college-level courses, regardless of whether they're enrolling in a career-training or traditional college program. The purpose of the Accuplacer tests is to evaluate the mathematics, reading and writing skills of test-takers.

Arkansas Civics Exam - All students are required by the state to take and pass this exam in order to graduate. It will be administered online and students can take this exam as many times as necessary in order to pass this exam.

ASVAB - The Armed Services Vocational Aptitude Battery is given to interested students to assist them in career planning. The ASVAB is administered on the high school campus at no cost to the student. This is an opportunity for students to explore career options and vocational aptitude. Students interested in pursuing military service will need to take this assessment. This test is optional for 10th-12th grade students.

PSAT/NMSQT - The PSAT (Preliminary SAT)/National Merit Scholarship Qualifying Test is a co-sponsored program by the College Board and National Merit Scholarship Corporation (NMSC). The PSAT/NMSQT measures the critical reading, math problem solving, and writing skills that have been developed throughout the student's life. Students in grade 10 will take the test paid for by the state, and 11th grade students are encouraged to take this test in an attempt to qualify for a National Merit Scholarship. ***Fees are the responsibility of the student/parent for the 11th graders.***

SAT Test - This is a college entrance exam that students may take instead of the ACT test. This is a timed test with three sections: Math, Writing, and Reading. The redesigned SAT will more closely reflect the skills and knowledge that current research says is most critical for college readiness and success. The assessment will require students to have a stronger command of fewer topics. Students may register at www.collegeboard.com. ***Fees are the responsibility of the student/parent.***

Schedule Changes

Schedule changes are discouraged and will be approved only under the following circumstances:

- Completion of a scheduled course by alternate means. (Credit via summer school and/or college credit)
- Failure of a course prerequisite to a scheduled course
- Change in the senior year to a course required for graduation
- Removal of a scheduled course from the school schedule
- Level changes
- Special or extenuating circumstances – **approval from building principal is required**

Special Programs

Honors and AP Course - It is the philosophy of the Bauxite School District that all students have high expectations. Therefore, BHS follows an open GT/Honors program. Any student wishing to attempt GT/Honors coursework may do so.

Concurrent Enrollment Courses - A 10th-12th grade student who successfully completes a college course(s) from an institution approved by the Arkansas Department of Education (ADE) shall be given credit toward high school grades and graduation at the rate of one (1) high school credit for each three (3) semester hours of college credit. Unless approved by the school's principal, prior to enrolling for the course, the concurrent credit shall be applied toward the student's graduation requirements as an elective. To qualify for a concurrent credit course, students must meet certain requirements on the ACT or Accuplacer. The requirements are:

- CC Math: 19 in Math and Reading on ACT; 250 Math and 251 Reading on Accuplacer
- CC Comp I/II: 19 in Reading and English on ACT; 251 in Reading and Writing on Accuplacer

As permitted by the ADE Rules Governing Concurrent College and High School Credit, a student who takes a three (3) semester hour remedial/developmental education course, shall receive a half ($\frac{1}{2}$) credit for a high school career focus elective. The remedial/developmental education course cannot be used to meet the core subject area/unit requirements in English or Mathematics.

Participation in the concurrent high school and college credit program must be documented by a written agreement between:

- The student's parent(s) or legal guardian(s) if the student is under the age of eighteen (18)
- The District
- The publicly supported community college, technical college, four-year college or university, or private institution the student attends to take the concurrent credit course.

Bauxite School District must have a Memorandum of Understanding (MOU) in place with the college/university before any credits are accepted. See the high school principal prior to enrolling.

ENGLISH

English 9 (410000)

Grade: 9

Credit: 1

Prerequisite: English 8

This course focuses on vocabulary development, reading and writing for various purposes, research, English usage, and mechanics. A variety of literary forms will be studied by world authors. Students will further their study and research skills, critical thinking skills, and writing skills. Studies include practice in reading and responding to different types of literature and practice of the four modes of writing and grammar usage.

Honors English 9 (41000P)

Grade: 9

Credit: 1

Prerequisite: English 8

This is a more in-depth course that focuses on different types of literature such as short stories, poetry, nonfiction, drama, and epic poetry. Writing is emphasized and there are special projects assigned. Students will review and strengthen grammar skills. This is an Honors course and may require extra reading and assignments during the summer break. **Students enrolled in an Honors course may be removed from the course if they fail 1st semester.**

English 10 (411000)

Grade: 10

Credit: 1

Prerequisite: English 9

This course is designed for students to work on vocabulary, writing short essays, and in reading literature such as short stories, poetry, Julius Caesar, and non-fiction stories. Students will review and strengthen grammar skills.

Honors English 10 (41100P)

Grade: 10

Credit: 1

Prerequisite: English 9

This course is designed for students who plan to take AP English in the 11th and 12th grades. It provides strategies for developing essential skills: asking questions, drawing inferences, reading critically, and analyzing writing. This is an Honors level class and will require extra reading and assignments. Pre-AP English is recommended for college bound students, and the pace of the course will require commitment to personal achievement, academic independence, and self-motivation. This course may require summer reading. **Students enrolled in an Honors course may be removed from the course if they fail 1st semester.**

English 11 (412000)

Grade: 11

Credit: 1

Prerequisite: English 10

This course focuses on vocabulary development, reading and writing for various purposes, research, English usage, and mechanics as well as American literature. A variety of literary forms will be studied. Students will further their study and research skills, critical thinking skills, and writing skills. Studies are geared toward the Arkansas End of Course Literacy Exam and include practice in reading and responding to different types of literature, practice of the four modes of writing, and grammar usage.

***AP English Language & Composition (517030)**

Grade: 11

Credit: 1

Prerequisite: Pre-AP English 10

*Must take the AP exam to receive extra quality point.

This course is a college level study of language and the art of writing taught in a high school setting. The focus is on analyzing the works of a wide range of American writers of nonfiction for diction, detail, point of view, organization, and syntax. It is also a cursory survey of American literature. AP English is recommended for college-bound students and the pace of the course will require commitment to personal achievement, academic independence, and self-motivation. This course may require summer reading.

*Students may obtain credit and/or appropriate placement at participating colleges upon successful completion of the AP exam. Each college requires a different score, so please check with that college.

English 12 (413000)

Grade: 12

Credit: 1

Prerequisite: English 11

This course is designed for students to work on vocabulary, do a short research paper, and read British literature. Editing for mechanics and usage is stressed.

***AP English Literature (517040)**

Grade: 12

Credit: 1

Prerequisite: Pre-AP English 10

This course is designed for students to work on vocabulary, write essays, and research papers. Students will study both American and British literature paying close attention to literary techniques and the analytical process. AP English is recommended for college-bound students, and the pace of the course will require commitment to personal achievement, academic independence, and self-motivation. Summer reading may be required.

*Students may obtain credit and/or appropriate placement at participating colleges upon successful completion of the AP exam. Each college requires a different score, so please check with that college.

ELA Drama (416000)

Course length: One semester

Grades: 9, 10, 11, 12

Credit: .5

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 understanding of dramatic literature through creative oral and written interpretations and adaptations. **ELA Drama does not fulfill the ½ credit of Fine Arts required for graduation.**

Personal Communication (414200)

Course length: One semester

Grades: 9, 10, 11, 12

Credit: .5

This course is to help students learn to effectively communicate for a variety of audiences and purposes. The class will address the basics of public speaking, listening, researching topics, resolving conflicts, and interviewing for a job. Students are assigned projects that require working independently and in small groups.

Freshman Comp I (519930)

Grade: 11, 12

Credit: 1 (HS), 3 (College) (Semester Class) **Cost: \$50 (There is an additional \$50 drop fee after enrollment.)**

This course will stress reading skills as a basis for effective writing. Students in this course will write extensively in various modes, using purposeful techniques for communicating effectively in writing. Composition I is a college class, and the pace of the course will require commitment to personal achievement, academic independence, and self-motivation. ***THIS COURSE CAN BE TAKEN IN PLACE OF ENGLISH 11. This course is one semester in the Fall.**

Prerequisite: Must have a 19 on the English and Reading sections of the ACT or a 251 on the Accuplacer and a parent-signed MOU.

Freshman Comp II (519940)

Grades: 11, 12

Credit: 1 (HS), 3 (College) (Semester Class) **Cost: \$50 (There is an additional \$50 drop fee after enrollment.)** This course is designed to build on those skills acquired in Composition I by exploring the relationship between reading and writing so necessary for success in college studies. By emphasizing reading skills as a basis for effective writing, students in this course put their college writing skills into action. Composition II is a college class, and the pace of the course will require commitment to personal achievement, academic independence, and self-motivation. ***THIS COURSE CAN BE TAKEN IN PLACE OF ENGLISH 12. This course is one semester in the Spring. Prerequisite: Freshman Comp I with a C or better and a parent-signed MOU.**

FOREIGN LANGUAGE

Spanish I (440000)

Grades: 9, 10, 11

Credit: 1

This course will cover the very basics of the Spanish language. Topics covered will include the Spanish alphabet, greetings, days and months, weather, colors and clothing, and a variety of basic verbs. Students will be required to speak and write in Spanish throughout this course, as well as listen to conversational Spanish. Comparisons will be made among all Spanish-speaking countries and the United States. A research paper and various projects will be included in this course.

Spanish II (440020)

Grades: 10, 11, 12

Credit: 1

Prerequisite: Spanish I

This course is a more advanced continuation of Spanish I. More emphasis will be placed on the spoken language, although reading and writing in Spanish will also be included. Students will be required to speak and write in Spanish, as well as listen to conversational Spanish. Topics to be covered include food, irregular verbs, commands, past and future tense, as well as Spanish culture. Various projects and a research paper will be included in this course.

Spanish III (440030)

Grades: 11, 12

Credit: 1

Prerequisite: Spanish II

Spanish III will concentrate on communicative skills by doing oral reports and projects. This will also be accomplished by reading literature, watching videos, learning more verb tenses and specialized vocabulary. This is a one year course. This is a tentative course and will be based upon the number of student requests. **There must be at least 10 students enrolled for this class to make. Students may take this course through Virtual Arkansas if it does not meet minimal enrollment requirements to make.**

SOCIAL STUDIES

Civics (472000)

Course length: One semester

Grade: 9

Credit: .5

Prerequisite: History 8/AR History

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. Throughout the course, students will develop and apply disciplinary literacy skills: reading, writing, speaking, and listening. As students seek answers to compelling and supporting questions, they will examine a variety of primary and secondary sources and communicate responses in multiple ways, including oral, visual, and written forms. Students must be able to select and evaluate sources of information, draw and build upon ideas, explore issues, examine data and analyze events from the full range of human experience to develop critical thinking skills essential for productive citizens. Civics is required by the Standards for Accreditation.

Economics with Personal Finance (474300)

Course length: One semester

Grade: 9

Credit: .5

Prerequisite: History 8/AR History

This course 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.

Prerequisite: History 8/AR History

World History Since 1450 (471000)

Grade: 10

Credit: 1

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 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. World History references the eras and time periods from the National Center for History in the Schools.

***AP World History (571020)**

Grade: 10

Credit: 1

*Must take AP Exam to receive extra quality point

In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.

*Students may obtain credit and/or appropriate placement at participating colleges upon successful completion of the AP exam. Each college requires a different score, so please check with that college.

US History Since 1890 (470000)

Grade: 11

Credit: 1

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. United States History since 1890 references the eras and time periods from the National Center for History in the Schools. Throughout the course, students will develop and apply disciplinary literacy skills: reading, writing, speaking, and listening. As students seek answers to compelling and supporting questions, they will examine a variety of primary and secondary sources and communicate responses in multiple ways, including oral, visual, and written forms. Students must be able to select and evaluate sources of information, draw and build upon ideas, explore issues, examine data, and analyze events from the full range of human experience to develop critical thinking skills essential for productive citizens.

***AP US History Since 1890 (570020)**

Grade: 11, 12

Credit: 1

*Must take AP Exam to receive extra quality point

Advanced U.S. History is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with problems and materials in U.S. History. The student will learn the background of American history from pre-Columbian civilization to present day events. This course prepares students for college-level U.S. history by teaching them how to access historical material, judge their significance and impact on society, and make interpretations of historical evidence. Social, Political, and economic aspects of history are studied. Interpretation and analytical thinking are stressed during the course. AP US History is recommended for college bound students and the pace of the course will require commitment to personal achievement, academic independence and self-motivation.

*Students may obtain credit and/or appropriate placement at participating colleges upon successful completion of the AP exam. Each college requires a different score, please check with that college.

***AP U.S. Government and Politics (572040)**

Grades: 11, 12

Credit: 1

*Must take AP Exam to receive extra quality point

ADE Enhanced AP United States Government and Politics

The ADE Enhanced AP United States Government and Politics syllabus follows a curriculum based on the College Board's AP United States Government and Politics course description and contains all of the content standards and student learning expectations of the ADE Civics course required for Smart Core. This course will provide students an analytical perspective on government and politics in the United States.

*Students may obtain credit and/or appropriate placement at participating colleges upon successful completion of the AP exam. Each college requires a different score, please check with that college.

American History I Concurrent Credit (579920)

Grades: 11, 12

Credit: 1 (HS), 3 (College) (Semester Class) **Cost: \$50 (there is an additional \$50 drop fee after enrollment)** The study of the development of the American nation up to 1877. This course is offered in the Fall.

American History II Concurrent Credit (579921)

Grades: 11, 12

Credit: 1 (HS), 3 (College) (Semester Class) **Cost: \$50 (there is an additional \$50 drop fee after enrollment)** The study of the development of the American nation from 1877. This course is offered in the Spring.

***AP Psychology (579120)**

Grades: 11, 12

Credit: 1

*Must take AP Exam to receive extra quality point

This course will explore the ideas, theories, and methods of the scientific study of behavior and mental processes. You'll examine the concepts of psychology through reading and discussion and you'll analyze data from psychological research studies.

Street Law (579001)

Grade: 11, 12

Credit: 1

Street Law is a basic legal course. Students will be introduced to criminal and civil law, and the many U.S. Supreme Court cases that have shaped our nation. Students will argue imaginary cases throughout the course. Class participation will be a must. Students will also be required to write a research paper.

MATHEMATICS

Algebra I (430000)

Grade: 9, 10, 11, 12

Credit: 1

Algebra I is a course where students are taught to describe and translate among graphic, algebraic, numeric, tabular, and verbal representations of relations, and use those representations to solve problems. Students should be able to judge the reasonableness of the results of symbolic manipulations, including those carried out by technology.

Geometry (431000)

Grades: 10, 11, 12

Credit: 1

Prerequisite: Algebra I

This course provides students with the knowledge of Discovering Points, Lines, Planes, and Angles; Connecting Reasoning and Proof; Congruent Triangles; Exploring Quadrilaterals: connection Proportion and Similarity; Applying Right Triangles and Trigonometry; Analyzing Circles, and Exploring Area. This course has an end-of-course examination that is required by the Arkansas Department of Education.

Honors Geometry (43100P)

Grades: 10, 11

Credit: 1

Prerequisite: Algebra I (8th grade) with an A or B and/or Pre-AP Algebra II (9th grade) with an A or B

This course provides students with the knowledge of Discovering Points, Lines, Planes, and Angles; Connecting Reasoning and Proof; Congruent Triangles; Exploring Quadrilaterals: connection Proportion and Similarity; Applying Right Triangles and Trigonometry; Analyzing Circles, and Exploring Area. This course has an end-of-course exam that is required by the Arkansas Department of Education. Pre-AP Geometry is recommended for college bound students and the pace of the course will require commitment to personal achievement, academic independence and self-motivation. **Students enrolled in an Honors course may be removed from the course if they fail 1st semester.**

Algebra II (432000)

Grades: 9, 10, 11, 12

Credit: 1

Prerequisite: Algebra I

Algebra II is designed for students who have successfully completed Algebra I. It will build on the basic concepts of Algebra I to encourage higher order thinking. Algebra II students will represent and analyze a variety of methods to model and graph linear and nonlinear equations and inequalities. Students will also use algebraic, graphical, and numerical methods for analysis of various other functions. Technology will be utilized throughout the course. Students will take an end-of-course test for this course as required by the Arkansas Department of Education. An additional math course beyond Geometry and Algebra II is required for college admission.

Honors Algebra II (43200P)

Grades 11, 12

Credit: 1

This course builds on work with linear, quadratic, and exponential functions. Students extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. This course is recommended for college bound students.

Prerequisite: Successful completion of Algebra I (8th grade), and Honors Geometry
Students enrolled in an Honors course may be removed from the course if they fail 1st semester.

Algebra III (439070)

Grades: 11, 12

Credit: 1

Prerequisite: Algebra II

Algebra III will enhance the higher level thinking skills developed in Algebra II through a more in-depth study of those concepts and exploration of some pre-calculus concepts. Students in Algebra III will be challenged to increase their understanding of algebraic, graphical, and numerical methods to analyze, translate and solve quadratic, polynomial, rational, exponential and logarithmic functions. Modeling real world situations is an important part of this course. Sequences and series will be used to represent and analyze real world problems and mathematical situations. Algebra III will also include a study of trigonometric functions, right triangles, and oblique triangles.

Pre-Calculus with Trigonometry (433000)

Grades: 11

Credit: 1

Prerequisite: Algebra II with an A or B

Pre-Calculus including Trigonometry is designed for students who have successfully completed Algebra II and Geometry. Students will use symbolic reasoning and analytical methods to represent mathematical situations, to express generalizations, and to study mathematical concepts and the relationships among them. Students will use functions and equations as tools for expressing generalizations. This course will emphasize a study of trigonometric functions and identities as well as applications of right triangle trigonometry and circular functions. Appropriate technology will be integrated throughout the curriculum.

***AP Calculus (534040)**

Grade: 12

Credit: 1

Prerequisite: Pre- Cal with Trig

*Must take AP exam to receive additional quality point

This course is a study of limits, the derivative and its applications, anti-differentiation, the integral and its applications, and the Fundamental Theorem of Calculus. AP Calculus is

recommended for college bound students and the pace of the course will require commitment to personal achievement, academic independence and self-motivation.

Students may obtain credit and/or appropriate placement at participating colleges upon successful completion of the AP exam. Each college requires a different score, please check with that college.

Transitional Math Ready (439110)

Grade: 11, 12

Credit: 1

Prerequisite: Beyond Algebra II

This course emphasizes understanding of mathematics concepts rather than just memorizing procedures. Math Ready students learn the context behind procedures and understand why to use a certain formula or method to solve a problem. By engaging students in real-world applications, Math Ready develops critical thinking skills that students will use in college and their careers. This course counts as a 4th math option.

Quantitative Literacy (439120)

Grades: 11, 12

Credit: 1

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.

SCIENCE

Physical Science - Integrated (423000)

Grade: 9

Credit: 1

This course deals with the principles of chemistry and physics. Topics include matter, energy, chemical reactions, forces, waves, electricity, and magnetism. At least 20% of instructional time will be hands-on lab experiences.

Honors Physical Science - Integrated (423001)

Grade: 9

Credit: 1

This course takes an in-depth exploration into the ins and outs of chemistry and physics and will not only deal in theory but also in theoretical application. Topics include matter, energy, chemical reactions, forces, waves, electricity, and magnetism. At least 20% of instructional time will be hands-on lab experiences. This course is a fun, yet challenging stepping-stone to a higher level of thinking. The pace of the course will require commitment to personal achievement, academic independence and self-motivation. **Students enrolled in an Honors course may be removed from the course if they fail 1st semester.**

Biology - Integrated (420000)

Grade: 10

Credit: 1

Biology is the study of living things. This is a general survey course in which students will learn how organisms interact with one another, change over time, reproduce and survive.

Honors Biology - Integrated (42000P)

Grade: 10

Credit: 1

Prerequisite: Pre-AP Physical Science

The Pre-AP Biology curriculum is a more rigorous and accelerated version of the regular Biology curriculum. The curriculum is designed to teach and reinforce skills needed for students to strengthen their knowledge of biological concepts prior to taking Advanced Placement Biology. The Pre-AP Biology curriculum examines topics in more depth, prescribes more advanced labs, and places emphasis on critical thinking skills. . The pace of the course will require commitment to personal achievement, academic independence and self-motivation.

Students enrolled in an Honors course may be removed from the course if they fail 1st semester.

Chemistry - Integrated (421000)

Grades: 11, 12

Credit: 1

Prerequisite: Algebra II or concurrently enrolled in Algebra II

This course is a general survey class intended to prepare students for introductory college chemistry. Topics covered include measurement and problem solving, organization and phases of matter, nomenclature, solutions, chemical reactions, and organic chemistry.

Chemistry II (421010)

Grades 11, 12

Credit: 1

Prerequisite: Minimum “B” in Algebra II, Honors Biology, Minimum “B” in Integrated Chemistry

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 have completed chemistry - integrated and are seeking a deeper understanding of chemistry concepts. It is recommended that students have completed or are concurrently enrolled in an Algebra II course. Students will earn 1 career focus credit.

Physics (422010)

Grades: 11, 12

Credit: 1

Prerequisite: Algebra II

This course helps students learn about motion: velocity and acceleration; Energy: potential and kinetic and conservation of energy, momentum, power; Fluids: flows, buoyancy, density; Rotation: motion and law of gravity, dynamics, electrical forces, fields, and circuits.

Environmental Science (424020)

Grade: 11, 12

Credit: 1

This course is an introduction to the structure and function of terrestrial, aquatic, and atmospheric systems, including the human actions that affect them. This course will provide an overview of environmental science, and current global concerns, exploring science, economic, social and political solutions. ***This course does not count toward Smart Core curriculum or Honor Graduate requirements.***

Anatomy and Physiology (424030)

Grade: 11, 12

Credit: 1

This course will enable students to develop an understanding of the relationships between the structures and functions of the human body. Students will also learn the mechanisms for maintaining homeostasis within the human body. This course will involve laboratory activities, projects, dissections, textbook material, models, diagrams, journal writings, and clinical studies. ***This course does not count toward Smart Core curriculum or Honor Graduate requirements.***

***AP Biology (520030)**

Grades: 11, 12

Credit: 1

Prerequisite: Completion of Pre-AP Biology

*Must take AP Exam to receive extra quality point

This course is the equivalent of an introductory college biology course in which students will complete twelve prescribed labs. Topics covered are molecules and cells, genetics and heredity, and organisms and populations.

*Students may obtain credit and/or appropriate placement at participating colleges upon successful completion of the AP exam. Each college requires a different score, please check with that college.

FINE ARTS

Theatre I (459100)

Grades: 9, 10, 11, 12

Credit: 1

Theatre I is a two-semester course in which students learn and demonstrate mastery of theatre academic and performance skills. At the Theatre I level, students will explore theatre fundamentals, analyze and interpret scripts, evaluate artistic work, and use those evaluations to deepen the meaning of their work. Theatre I contains an introduction to stagecraft skills. Theatre I fulfills the one-half credit of fine arts required for graduation.

Theatre II (459110)

Grades: 10, 11, 12

Credit: 1

Prerequisite: Successful completion of Theatre I

Theatre II is a two semester course which expands the knowledge and performance base of Theatre I. Students will take on more complex projects and may begin to develop directorial skills. Ultimately, students will make artistic decisions using multiple forms of inspiration, particularly focusing on social, cultural, and historical content.

Theatre III (459120)

Grades: 11, 12

Credit: 1

Prerequisite: Successful completion of Theatre I and Theatre II

Theatre III is a two semester course which expands the knowledge and performance base of Theatre II. Students will take on more complex projects and may begin to develop directional skills. Ultimately, students will make artistic decisions using multiple forms of inspiration, particularly focusing on social, cultural, and historical content.

Art I (450000)

Grades: 9, 10, 11, 12

Credit: 1

Art I is a two-semester course designed to teach students to apply the elements of art and principles of design to the creative process. Art I students are expected to use a variety of media, techniques, processes, and tools to compose original works of art that demonstrate understanding of the elements of art and principles of design, awareness of aesthetic concerns, and the ability to communicate ideas through artwork. Students will critique and reflect on their artwork and the art of others. Students will exhibit artwork and will assemble portfolios that demonstrate successful completion of Art I student learning expectations. Art I is required by the Standards for Accreditation.

Art II (450030)

Grades: 10, 11, 12

Credit: 1

Prerequisite: Art I

Art II is a two-semester course designed for students who have successfully completed Art I. Art II students shall further expand their knowledge of the elements of art and principles of design through the research, production, and criticism of visual art. Students are expected to use a broad variety of media, techniques, processes, and tools to create original, complex compositions that reflect personal growth, solve visual art problems, and communicate ideas. Students will critique artwork and reflect on the impact of art upon society as well as societal influences on art. Students will exhibit artwork and will assemble portfolios that reflect personal growth and demonstrate successful completion of Art II student learning expectations.

Art III (450040)

Grades: 10, 11, 12

Credit: 1

Prerequisite: Art II

Art III is a two-semester course designed for students who have successfully completed Art II. Art III students will create artworks that demonstrate increasing ability to apply knowledge of the elements of art and principles of design in research, production, and criticism of visual art. Students are expected to use a broad variety of media, techniques, processes, and tools to create original, complex compositions that are more expressive, to demonstrate internalizations of art foundations, and to solve more complex art problems throughout the creative process. Students will critique artwork to gain a deeper understanding of the impact of art upon society as well as societal influences on art. Students will exhibit artwork and will assemble portfolios that reflect personal growth across a breadth of media, demonstrating successful completion of Art III student learning expectations.

Art IV (450050)

Grades: 10, 11, 12

Credit: 1

Prerequisite: Art III

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

Art Appreciation (45310H)

Grades: 9, 10, 11, 12

Credit: .5

Art Appreciation is a survey of the history of Western visual arts, with a primary focus on painting. Students begin with an introduction to the basic principles of painting and learn how to critique and compare works of art. Students then explore prehistoric and early Greek and Roman art before they move on to the Middle Ages. Emphasis is placed on the Renaissance and the principles and masters that emerged in Italy and northern Europe. Students continue their art tour with the United States during the 20th century, a time of great innovation as abstract art took center stage. While Western art is the course's primary focus, students will finish the course by studying artistic traditions from Africa, Asia, Oceania, and the Americas. Coverage of each artistic movement highlights historical context and introduces students to key artists that represent a variety of geographic locations. Throughout the course, students apply what they have learned about art critique to analyze and evaluate both individual artists and individual works of art. This course is built to state standards and informed by the Consortium of National Arts Education Associations standards. It encompasses a variety of skills to enable students to critique, compare, and perhaps influence their own works of art. **Art Appreciation will satisfy the one-half credit fine arts requirement for graduation.**

Instrumental Music I (451000)

Grades: 9, 10, 11, 12

Credit: 1

Prerequisite: Completion of beginning band and 8th grade band or minimum of two years experience on instrument.

Instrumental Music I is a two-semester course designed to teach students music fundamentals and instrumental techniques pertaining to brass, woodwind, percussion, and/or string instruments. Instrumental Music I students are expected to develop beginning performance techniques in solo, small group, and large group settings, with emphasis on reading and performing using appropriate articulation, dynamics, and interpretive skills. Students will perform instrumental music in a variety of settings including, but not limited to, concerts, solos, and ensemble performances, and festivals. Students will critique and reflect on their own performances and the performances of others. Students will make connections between music traditions and other arts, disciplines, and cultures. Students will apply rudiments of music and fundamentals of creative expression to performance and will demonstrate successful completion of Instrumental Music I student learning expectations. Students must meet the AAA and ASBOA requirements for eligibility. Students will perform at football games, region/invitational marching contests, all-region tryouts, home conference basketball games, four concerts, and region concert assessment. Instrumental Music I is required by the Standards for Accreditation.

Instrumental Music II (451040)

Grades: 10, 11, 12

Credit: 1

Prerequisite: Instrumental Music I

Instrumental Music II is a two-semester course designed for students who have successfully completed Instrumental Music I. Instrumental Music II students shall further expand their knowledge of music fundamentals and instrumental techniques pertaining to brass, woodwind,

percussion, and/or string instruments. Students are expected to develop advanced performance techniques in solo, small group, and large group settings, with greater emphasis on reading and performing using appropriate articulation, dynamics, and interpretative skills. Instrumental Music II students will critique instrumental music performances and reflect upon the impact of instrumental music upon society as well as societal influences on instrumental music. Students will regularly perform instrumental music in a variety of settings including, but not limited to, concerts, solo and ensemble performances, festivals, and will demonstrate successful completion of Instrumental Music II student learning expectations. Students must meet the AAA and ASBOA requirements for eligibility. Students will perform at football games, region/invitational marching contests, all-region tryouts, home conference basketball games, four concerts, and region concert assessment. The Standards for Accreditation requires a one-half unit course of: Survey of Fine Arts or one-half unit of an advanced art or advanced music course. Instrumental Music II may be used to fulfill this requirement.

Instrumental Music III (451050)

Grades: 11, 12

Credit: 1

Prerequisite: Instrumental Music II

Instrumental Music III is a two-semester course designed for students who have successfully completed Instrumental Music II. Instrumental Music III students will demonstrate an ability to apply music fundamentals and instrumental techniques pertaining to brass, woodwind, percussion, and/or string instruments in the research, production, performance, and criticism of instrumental music. Students are expected to apply sight-reading skills, improvisational skills, and advanced performance techniques in solo, small group, and large group settings. Instrumental Music III students will critique instrumental music performances and deeply reflect upon the impact of instrumental music upon society as well as societal influences on instrumental music. Students will regularly perform instrumental music in a variety of settings including, but not limited to, concerts, solo and ensemble performances, and festivals and will demonstrate successful completion of Instrumental Music III student learning expectations. Students must meet the AAA and ASBOA requirements for eligibility. Students will perform at football games, region/invitational marching contests, all-region tryouts, home conference basketball games, four concerts, and region concert assessment. Instrumental Music II is a prerequisite for this course.

Instrumental Music IV (451060)

Grades: 12

Credit: 1

Prerequisite: Instrumental Music III

Instrumental Music IV is a two-semester course designed for students who have successfully completed Instrumental Music III. Instrumental Music IV students will internalize music fundamentals and instrumental techniques pertaining to brass, woodwind, percussion, and/or string instruments in the research, production, performance, and criticism of instrumental music. Students are expected to further develop sight-reading and improvisational skills and to apply advanced performance techniques in solo, small group, and large group settings. Instrumental Music IV students will critique instrumental music performances to a degree that an

understanding of the interdependence between instrumental music and society is demonstrated. Instrumental Music IV students will regularly perform instrumental music in a variety of settings including, but not limited to, concerts, solo and ensemble performances, and festivals and will demonstrate successful completion of Instrumental Music IV student learning expectations. Students must meet the AAA and ASBOA requirements for eligibility. Students will perform at football games, four concerts, and region concert assessment. Instrumental Music III is a prerequisite for this course.

Vocal Music I (452000)

Grades: 9, 10, 11, 12

Credit: 1

Vocal Music I is a two-semester course designed to teach students music fundamentals and vocal music techniques. Vocal Music I students are expected to develop beginning performance techniques in solo, small group, and large group settings, with emphasis on reading and performing vocally using appropriate articulation, dynamics, and interpretive skills. Students will critique and reflect on their own performances and the performances of others. Students will perform vocal music in a variety of settings including, but not limited to, concerts, solo and ensemble performances, and festivals. Students will critique and reflect on their own performances and the performances of others. Students will make connections between music traditions and other arts, disciplines, and cultures. Students will apply rudiments of vocal music and fundamentals of creative expression to performance and will demonstrate successful completion of Vocal Music I student learning expectations.

Vocal Music II (452040)

Grades: 10, 11, 12

Credit: 1

Prerequisite: Vocal Music I

Vocal Music II is a two-semester course designed for students who have successfully completed Vocal Music I. Vocal Music II students shall further expand their knowledge of music fundamentals and vocal techniques. Students are expected to develop advanced performance techniques in solo, small group, and large group settings with greater emphasis on reading and performing vocally using appropriate articulation, dynamics, and interpretative skills. Vocal Music II students will critique vocal music performances and reflect upon the impact of vocal music upon society as well as societal influences on vocal music. Students will regularly perform vocally in a variety of settings including but not limited to, concerts, solo and ensemble performances, and festivals and will demonstrate successful completion of Vocal Music II student learning expectations. Vocal Music I is a prerequisite for this course. The Standards for Accreditation requires a one-half unit course of "Survey of Fine Arts" or one-half unit of an advanced art or advanced music course. Vocal Music II may be used to fulfill this requirement.

Vocal Music III (452050)

Grades: 11, 12

Credit: 1

Prerequisite: Vocal Music II

Vocal Music III is a two-semester course designed for students who have successfully completed Vocal Music II. Vocal Music III students will demonstrate an ability to apply music fundamentals and vocal techniques in the research, production, performance, and criticism of vocal music. Students are expected to apply sight-reading skills, improvisational skills, and advanced performance techniques in solo, small group, and large group settings. Vocal Music III students will critique vocal music performances and deeply reflect upon the impact of vocal music upon society as well as societal influences on vocal music. Students will regularly perform vocally in a variety of settings including, but not limited to, concerts, solo and ensemble performances, and festivals and will demonstrate successful completion of Vocal Music III student learning expectations. Vocal Music II is a prerequisite for this course.

Vocal Music IV (452060)

Grades: 12

Credit: 1

Prerequisite: Vocal Music III

Vocal Music IV is a two-semester course designed for students who have successfully completed Vocal Music III. Vocal Music IV students will demonstrate an ability to apply music fundamentals and vocal techniques in the research, production, performance, and criticism of vocal music. Students are expected to apply sight-reading and improvisational skills, and to apply advanced performance techniques in solo, small group, and large group settings with greater depth. Vocal Music IV students will critique vocal music performances to a degree that an understanding of the interdependence between vocal music and society is demonstrated. Students will regularly perform vocally in a variety of settings including, but not limited to, concerts, solo and ensemble performances, and festivals and will demonstrate successful completion of Vocal Music IV student learning expectations. Vocal Music III is a prerequisite for this course.

Music Appreciation (453030)

Grades: 9, 10, 11, 12

Credit: .5

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 Theory (459010)

Grades: 11, 12

Credit: 1

Prerequisite: One year of formal training in music at the high school level

Music Theory is a two-semester course designed for students who have successfully completed one year of formal training in music at the high school level. Music Theory is a rigorous course designed to expand and to enhance the skills of the serious high school musician. Students in Music Theory examine components of music composition, melodic practices, theories of harmony, and other musical concepts. Students analyze music from different stylistic periods and develop notation, aural, and sight-reading skills. Emphasis is placed upon the application of rhythm, melody, harmony, form, and other compositional devices into original compositions.

Jazz Band I (451200) Grades: 9, 10, 11, 12

Jazz Band II (451210) Grades: 10, 11, 12

Jazz Band III (451220) Grades: 11, 12

Jazz Band IV (451230) Grades: 12

Credit: 1 each

Prerequisite: Previous band experience. In order to move to the next level, the previous level must be complete.

Jazz Band I-IV are two-semester courses designed for traditional and emerging ensembles. Jazz Band I-IV students will demonstrate an ability to apply music fundamentals and instrumental techniques in the production, performance, analysis, and critique of jazz music performance. Students are expected to apply sight-reading skills, improvisational skills, and performance techniques in solo, small group, and large group settings. Jazz Band I-IV students will critique music performances and deeply reflect upon the impact of jazz music on society as well as societal influences on jazz music. Students will regularly perform in a variety of settings and will demonstrate successful completion of student learning expectations. Jazz Band I, Jazz Band II, Jazz Band III, or Jazz Band IV will satisfy the one-half credit fine arts requirement for graduation.

Music Lab I (Beginner Band) (451500)

Grades: 9, 10, 11, 12

Credit: 1

Year one study of any harmonizing instrument including but not limited to piano, guitar, banjo, general keyboards, synthesizers, iPads, of various technological media. This class prepares students with no previous band experience to advance to Instrumental Music I.

BUSINESS, COMPUTER TECHNOLOGY, TRADE AND INDUSTRY, and COMPUTER SCIENCE ELECTIVES

This section includes Career and Technical Education Courses and has certain areas where a student can be a course completer.

Survey of Business (492121) (Foundation Course)

Grades: 9, 10, 11, 12

Credit: 1

A two-semester course designed to prepare students with an introduction to business applications that are necessary to live and work in a technological society. Emphasis is given to hardware, concepts, and business uses of applications. The business applications covered are word processing, database, spreadsheet, telecommunications, presentation, and web-page design.

Computer Science - Programming/Coding Emphasis I (465070)

Grades: 10, 11, 12

Credit: 1

Prerequisite: None

The Arkansas Computer Science and Computing Initiative standards for high school courses are designed to provide understanding 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, Information, and Security; Algorithms and Programs; Computers and Communications; and Professionalism and Impacts of Computing. 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 including computer science, computing, and other fields.

Computer Science - Programming/Coding Emphasis II (465080)

Grades: 11, 12

Credit: 1

Prerequisite: Computer Science Programming/Coding Emphasis I

The Arkansas Computer Science and Computing Initiative standards for high school courses are designed to provide understanding 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, Information, and Security; Algorithms and Programs; Computers and Communications; and Professionalism and Impacts of Computing. 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 including computer science, computing, and other fields.

Advanced Computer Science Programming - Year III (465090)

Grades: 10, 11,12

Credit: 1

The Arkansas Computer Science and Computing Initiative standards for high school courses are designed to provide understanding 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, Information, and Security; Algorithms and Programs; Computers and Communications; and Professionalism and Impacts of Computing. 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 including computer science, computing, and other fields. The state allows this to be a weighted course on a 5.0 scale.

***AP Computer Science Principles (565030)**

Grades: 10, 11, 12

Credit: 1

AP Computer Science Principles 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.

*Students may obtain credit and/or appropriate placement at participating colleges upon successful completion of the AP exam. Each college requires a different score, please check with that college.

Digital Sales and Marketing (492760)

Grades: 10, 11, 12

Credit: 1

This is a two-semester project-based course that enhances technology skills, job search and employability skills along with communication skills. Students will create an online electronic career portfolio focused on an individual career path, create social media and viral marketing campaigns, participate in videoconferencing, 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 & Analytics (492800)

Grades: 10, 11,12

Credit: 1

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

Media Communications (493680)

Grades: 9, 10, 11, 12

Credit: 1

The purpose of this course is to assist students in making informed decisions regarding their future academic and occupational goals and to provide information regarding careers in the Arts, A/V Technology and Communication Career Cluster. The content includes, but is not limited to, technology literacy; understanding the importance of Arts and A/V; understanding the role of science, math, reading, writing, history, and technology in Arts and A/V; and Digital Media. Reinforcement of academic skills occurs through classroom instruction and applied laboratory procedures. Instruction and learning activities are provided through theory and hands-on experiences with the equipment, materials and technology appropriate to the course content and in accordance with current practices.

Audio/Visual Productions I (493640)

Grades: 10, 11, 12

Credit: 1

Prerequisite: Media Communications

Students in this core program will learn the basics of film and television production as well as other forms of audio-video communication such as animation, graphics, and sound production for video. They will also study the history of audio-video technology and film as well as career development and employment in this pathway.

Audio/Visual Productions II (493650)

Grades: 11, 12

Credit: 1

Prerequisite: A/V Productions I

This core program is designed to develop high-level technical skills in preparation for a career in Audio/Video and Film Production. Students will gain proficiency in the use of film and video production techniques and equipment. Proper procedures are explained for the use of digital and film cameras, filters, lights, microphones, audio equipment, editing systems, and other motion picture equipment. Attention is also given to production planning and post-production.

Community Service Learning (496010)

Grades: 9, 10, 11, 12

Credit: 1

This course focuses on methods whereby students learn and develop through active participation in thoughtfully organized service that is conducted in and meets the needs of communities.

Education Accelerated by Service and Technology (E.A.S.T.)

E.A.S.T. I (560010)

Grades: 9,10,11,12

Credit: 1

The E.A.S.T. model of education features student-driven service projects accomplished with the latest in technology. E.A.S.T. classrooms are equipped with state-of-the-art workstations, servers, software, and accessories, including GPS/GIS mapping tools, architectural and CAD design software, 3D animation suites, and much more. Students find problems in their local communities, and then use these tools to solve them.

E.A.S.T. II (560020)

Grades: 10, 11, 12

Credit: 1

The E.A.S.T. model of education features student-driven service projects accomplished with the latest in technology. E.A.S.T. classrooms are equipped with state-of-the-art workstations, servers, software, and accessories, including GPS/GIS mapping tools, architectural and CAD design software, 3D animation suites, and much more. Students find problems in their local communities, and then use these tools to solve them.

E.A.S.T. III (560030)

Grades: 11, 12

Credit: 1

The E.A.S.T. model of education features student-driven service projects accomplished with the latest in technology. E.A.S.T. classrooms are equipped with state-of-the-art workstations, servers, software, and accessories, including GPS/GIS mapping tools, architectural and CAD design software, 3D animation suites, and much more. Students find problems in their local communities, and then use these tools to solve them.

E.A.S.T. IV (560040)

Grades: 12

Credit: 1

The E.A.S.T. model of education features student-driven service projects accomplished with the latest in technology. E.A.S.T. classrooms are equipped with state-of-the-art workstations, servers, software, and accessories, including GPS/GIS mapping tools, architectural and CAD design software, 3D animation suites, and much more. Students find problems in their local communities, and then use these tools to solve them.

Family & Consumer Science

Family & Consumer Sciences (493080) (Level 1)

Grades: 9, 10, 11, 12

Credit: 1

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

Food Safety & Nutrition (493110) (Level II)

Grades: 10, 11, 12

Credit: 1

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

Chemistry of Foods (493130) (Level III)

Grades: 11, 12

Credits: 1

Prerequisite: Food and Safety Nutrition

Chemistry of Foods focuses on the scientific method to study the various relationships between food science, nutrition, and food preparation. Laboratory skills in measuring, recording, and analyzing data used to explore these relationships. Experimental methods are employed to analyze food mixtures, food microbiology, food preservations, and complex food systems. Students are given insight into career possibilities as well as up to date information regarding technological advances and future trends in food preparation, preservation, evaluation, and utilization of food.

MISCELLANEOUS ELECTIVES

Drivers Education (690040)

Grades: 11, 12

Credit: .5

The purpose of this Driver Education course is to transfer knowledge, develop skills, and enhance the disposition of the teen, so he/she can perform as a safe and competent driver, thereby contributing to the reduction of crashes, fatalities, and injuries. This course is built on a foundation that addresses what students will know and be able to do as a result of their participation in the program. Driver education is an integral part of the total educational program of schools, comprehensive in scope, preventive in design, and developmental in nature. It is very important that the student receive extended practice with a licensed adult, parent/guardian, or qualified driver to develop successful skills, processes, habits, and responsibilities.

Program Requirements:

- **Possession of a valid learner's permit prior to receiving behind-the-wheel (BTW) instruction**
- **At least 30 hours of classroom instruction**
- **Six (6) hours of behind-the-wheel (BTW) instruction**
- **Six (6) hours of in-the-car observation.**

Journalism I (415000)

Grades: 9, 10, 11, 12

Credit: 1

Prerequisite: none

This course emphasizes the skills and knowledge required to produce a yearbook and contributes to the production of the school's yearbook. Students will conduct interviews, write in a variety of journalistic forms, discuss editorial positions, and help produce and edit the newspaper using desktop publishing. Business management skills, essential to the self sufficiency of a yearbook, will be emphasized. Students may also have opportunities to explore a variety of journalistic fields, such as writing for the web and broadcast journalism.

Advanced Journalism courses are offered through Miner Academy.

HEALTH AND PHYSICAL EDUCATION

Health (480000)

Grades: 9, 10, 11, 12

Credit: .5

*Required for graduation

This course offers a contemporary approach to health dealing with issues relevant to students in grades 9-12. Students look closely at mental and emotional as well as physical health.

PE (485010)

Grades: 9, 10, 11, 12

Credit: .5

*Required for graduation

Physical Education courses include a planned curriculum that provides content and learning experiences in basic motor and movement skills as they apply to physical activity, health related physical fitness, and lifetime sports and recreation. Students must have tennis shoes, t-shirts, shorts or wind pants, a combination lock, and a notebook.

Strength and Conditioning (685000)

Grades: 10, 11, 12

Credit: .5 (Local credit only)

***Cannot be used for PE credit for graduation**

This course will focus on physical education as it relates to strength training and cardiovascular conditioning.

ATHLETICS

The athletic program is designed to provide students with the opportunity to participate in a variety of sports. We are interested in those students who are willing to engage in co-curricular activities to represent our school system in competitive events.

- Students must be eligible for interscholastic competition in accordance with the Arkansas Activities Association as well as those put forth by the Arkansas Department of Education requiring a 2.0* GPA. * *Or below if a Supplemental Instruction Plan is in place.*
- **All student athletes must have a physical exam before participation in competitive sports.**
- Off-season programs will be offered throughout the school year. Student athletes are expected to participate in off-season, join another sport or take an academic class.
- All student athletes must turn in a signed (by parent or guardian) consent form, proof of insurance form, and statement acknowledging understanding of the athletic guidelines.
- Participation in summer weight workouts shows the commitment that is necessary for participating in fall sports.
- Athletic participation is a privilege not a right. Continued participation is dependent on adherence to the guidelines of the athletic department.
- Student athletes must be on time for all practices, meetings, trips, etc. If you have to be late or miss any of the above, you must personally contact the head coach beforehand. ***DO NOT TELL ANOTHER ATHLETE OR ANYONE ELSE TO CONTACT THE COACH ON YOUR BEHALF.***
- All student athletes are expected to travel to and from events on the team bus. With the proper approval, exceptions may be made to allow an athlete to ride back with his/her parents/guardians.
- Any student wishing to get into or out of any sport, after school is in session, must meet with the coach, the athletic director, the principal, and the counselors.
- Drug testing has been established at Bauxite High School since the 1995-1996 school years. **Random drug tests can be administered throughout the school year to any student involved in athletics.**

Sr. High Sports

Sr. Football (69600F)

Boys Basketball (696002)

Girls Basketball (696005)

Volleyball (696009)

Cheer (69600X)

Dance (69600D)
Boys Baseball (696003) **SECOND SEM. ONLY**
Girls Softball (696006) **SECOND SEM. ONLY**
Boys Soccer (69600B) **SECOND SEM. ONLY**
Girls Soccer (69600G) **SECOND SEM. ONLY**

9th Grade Sports for PE Credit

PE/Jr. Football (485042 - Sem 1 / 485022 - Sem 2)
PE/Jr. Boys Basketball (485043 - Sem 1 / 485023 - Sem 2)
PE/Jr. Girls Basketball (485044 - Sem 1 / 485024 - Sem 2)
PE/Jr. Girls Volleyball (485046 - Sem 1 / 485026 - Sem 2)
PE/Jr. Cheer (48504C - Sem 1 / 48502C - Sem 2)
PE/Jr. Dance (48504D - Sem 1 / 48502D - Sem 2)
PE/Girls Softball (48504S) **SECOND SEM. ONLY**
PE/Boys Baseball (48504L) **SECOND SEM. ONLY**
PE/Boys Soccer (48504B) **SECOND SEM. ONLY**
PE/Girls Soccer (48504G) **SECOND SEM. ONLY**

Track, Wrestling, Swimming, Golf, Bowling, and Fishing will be held AFTER SCHOOL during their respective seasons.

MINER ACADEMY COURSES

Students may take core classes as well as electives through Miner Academy. Classes are on-line through Edgenuity curriculum and Virtual Arkansas curriculum.

Courses taken at Miner Academy may not count towards NCAA Clearinghouse eligibility. If you are considering applying for an athletic scholarship, talk to your high school counselor prior to enrolling in Miner Academy classes.

CORE CLASSES

English 9 (41000)

Grade: 9

Credit: 1

Prerequisite: English 8

This course focuses on vocabulary development, reading and writing for various purposes, research, English usage, and mechanics. A variety of literary forms will be studied by world authors. Students will further their study and research skills, critical thinking skills, and writing skills. Studies include practice in reading and responding to different types of literature and practice of the four modes of writing and grammar usage.

Honors English 9 (41000P)

Grade: 9

Credit: 1

Prerequisite: English 8

This is a more in-depth course that focuses on different types of literature such as short stories, poetry, nonfiction, drama, and epic poetry. Writing is emphasized and there are special projects assigned. Students will review and strengthen grammar skills. This is an Honors course and will require extra reading and assignments during the summer break. **Students enrolled in an Honors course may be removed from the course if they fail 1st semester.**

English 10 (41100)

Grade: 10

Credit: 1

Prerequisite: English 9

This course is designed for students to work on vocabulary, writing short essays, and in reading literature such as short stories, poetry, Julius Caesar, and non-fiction stories. Students will review and strengthen grammar skills.

Honors English 10 (41100P)

Grade: 10

Credit: 1

Prerequisite: English 9

This course is designed for students who plan to take AP English in the 11th and 12th grades. It provides strategies for developing essential skills: asking questions, drawing inferences, reading critically, and analyzing writing. This is an Honors level class and will require extra reading and assignments. Pre-AP English is recommended for college bound students, and the pace of the course will require commitment to personal achievement, academic independence, and self-motivation. This course will require summer reading. **Students enrolled in an Honors course may be removed from the course if they fail 1st semester.**

English 11 (412000)

Grade: 11

Credit: 1

Prerequisite: English 10

This course focuses on vocabulary development, reading and writing for various purposes, research, English usage, and mechanics as well as American literature. A variety of literary forms will be studied. Students will further their study and research skills, critical thinking skills, and writing skills. Studies are geared toward the Arkansas End of Course Literacy Exam and include practice in reading and responding to different types of literature, practice of the four modes of writing, and grammar usage.

English 12 (413000)

Grade: 12

Credit: 1

Prerequisite: English 11

This course is designed for students to work on vocabulary, do a short research paper, and read British literature. Editing for mechanics and usage is stressed.

Personal Communication (414200) or Professional Communication (414210)

Course length: One semester

Grades: 9, 10, 11, 12

Credit: .5

This course is to help students learn to effectively communicate for a variety of audiences and purposes. The class will address the basics of public speaking, listening, researching topics, resolving conflicts, and interviewing for a job. Students are assigned projects that require working independently and in small groups.

Civics (472000)

Course length: semester

Grade: 9

Credit: .5

Prerequisite: History 8/AR History

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. Throughout the course, students will develop and apply disciplinary literacy skills: reading, writing, speaking, and listening. As students seek answers to compelling and supporting questions, they will examine a variety of primary and secondary sources and communicate responses in multiple ways, including oral, visual, and written forms. Students must be able to select and evaluate sources of information, draw and build upon ideas, explore issues, examine data and analyze events from the full range of human experience to develop critical thinking skills essential for productive citizens. Civics is required by the Standards for Accreditation.

Economics with Personal Finance (474300)

Course length: semester

Grade: 9

Credit: .5

Prerequisite: History 8/AR History

This course 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 Since 1450 (471000)

Grade: 10

Credit: 1

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 the pertain to international/global relations. It requires an understanding of world cultures 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. World History references the eras and time periods from the National Center for History in the Schools.

US History Since 1890 (470000)

Grade: 11

Credit: 1

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 and 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. United States History since 1890 references the eras and time periods from the National Center for History in the Schools. Throughout the course, students will develop and apply disciplinary literacy skills: reading, writing, speaking, and listening. As students seek answers to compelling and supporting questions, they will examine a variety of primary and secondary sources and communicate responses in multiple ways, including oral, visual, and written forms. Students must be able to select and evaluate sources of information, draw and build upon ideas, explore issues, examine data, and analyze events from the full range of human experience to develop critical thinking skills essential for productive citizens.

Algebra I (430000)

Grade: 9, 10, 11, 12

Credit: 1

Algebra I is a course where students are taught to describe and translate among graphic, algebraic, numeric, tabular, and verbal representations of relations, and use those representations to solve problems. Students should be able to judge the reasonableness of the results of symbolic manipulations, including those carried out by technology.

Geometry (431000)

Grades: 10, 11, 12

Credit: 1

Prerequisite: Algebra I

This course provides students with the knowledge of Discovering Points, Lines, Planes, and Angles; Connecting Reasoning and Proof; Congruent Triangles; Exploring Quadrilaterals: connection Proportion and Similarity; Applying Right Triangles and Trigonometry; Analyzing Circles, and Exploring Area. This course has an end-of-course examination that is required by the Arkansas Department of Education.

Honors Geometry (43100P)

Grades: 10, 11

Credit: 1

Prerequisite: Algebra I (8th grade) with an A or B and/or Pre-AP Algebra II (9th grade) with an A or B

This course provides students with the knowledge of Discovering Points, Lines, Planes, and Angles; Connecting Reasoning and Proof; Congruent Triangles; Exploring Quadrilaterals: connection Proportion and Similarity; Applying Right Triangles and Trigonometry; Analyzing Circles, and Exploring Area. This course has an end-of-course exam that is required by the

Arkansas Department of Education. Pre-AP Geometry is recommended for college bound students and the pace of the course will require commitment to personal achievement, academic independence and self-motivation. **Students enrolled in an Honors course may be removed from the course if they fail 1st semester.**

Algebra II (432000)

Grades: 9, 10, 11, 12

Credit: 1

Prerequisite: Algebra I

Algebra II is designed for students who have successfully completed Algebra I. It will build on the basic concepts of Algebra I to encourage higher order thinking. Algebra II students will represent and analyze a variety of methods to model and graph linear and nonlinear equations and inequalities. Students will also use algebraic, graphical, and numerical methods for analysis of various other functions. Technology will be utilized throughout the course. Students will take an end-of-course test for this course as required by the Arkansas Department of Education. An additional math course beyond Geometry and Algebra II is required for college admission.

Honors Algebra II (43200P)

Grades 11, 12

Credit: 1

Prerequisite: Successful completion of Algebra I (8th grade), and Honors Geometry

This course builds on work with linear, quadratic, and exponential functions; students extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. This course is recommended for college bound students.

Students enrolled in an Honors course may be removed from the course if they fail 1st semester.

Algebra III (439070)

Grades: 11, 12

Credit: 1

Prerequisite: Algebra II

Algebra III will enhance the higher level thinking skills developed in Algebra II through a more in-depth study of those concepts and exploration of some pre-calculus concepts. Students in Algebra III will be challenged to increase their understanding of algebraic, graphical, and numerical methods to analyze, translate and solve quadratic, polynomial, rational, exponential and logarithmic functions. Modeling real world situations is an important part of this course. Sequences and series will be used to represent and analyze real world problems and mathematical situations. Algebra III will also include a study of trigonometric functions, right triangles, and oblique triangles.

Quantitative Literacy (439120)

Grades: 11, 12

Credit: 1

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. This course counts as a 4th math option.

Advanced Topics & Modeling in Mathematics (439050)

Grade: 11, 12

Credit: 1

Prerequisite: Beyond Algebra II

This course builds on Algebra I, Geometry, and Algebra II to explore mathematical topics and relationships beyond Algebra II. 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 decisions in analyzing empirical situations. Collection and use of student-generated data should be an aspect of the course. Students will represent and process their reasoning and conclusions numerically, graphically, symbolically, and verbally. Students will be expected to use technology, including graphing calculators, computers, and data gathering equipment throughout the course. Prerequisites: Algebra I, Geometry, Algebra II. This course counts as a 4th math option.

Transitional Math Ready (439110)

Grade: 11, 12

Credit: 1

Prerequisite: Beyond Algebra II

This course emphasizes understanding of mathematics concepts rather than just memorizing procedures. Math Ready students learn the context behind procedures and understand why to use a certain formula or method to solve a problem. By engaging students in real-world applications, Math Ready develops critical thinking skills that students will use in college and their careers. This course counts as a 4th math option.

Physical Science - Integrated (423000)

Grade: 9

Credit: 1

This course deals with the principles of chemistry and physics. Topics include matter, energy, chemical reactions, forces, waves, electricity, and magnetism. At least 20% of instructional time will be hands-on lab experiences.

Biology - Integrated (420000)

Grade: 10

Credit: 1

Biology is the study of living things. This is a general survey course in which students will learn how organisms interact with one another, change over time, reproduce and survive.

Chemistry - Integrated (421000)

Grades: 11, 12

Credit: 1

Prerequisite: Algebra II or concurrently enrolled in Algebra II

This course is a general survey class intended to prepare students for introductory college chemistry. Topics covered include measurement and problem solving, organization and phases of matter, nomenclature, solutions, chemical reactions and organic chemistry.

Physics (422010)

Grades: 11, 12

Credit: 1

Prerequisite: Algebra II

This course helps students learn about motion: velocity and acceleration; Energy: potential and kinetic and conservation of energy, momentum, power; Fluids: flows, buoyancy, density; Rotation: motion and law of gravity, dynamics, electrical forces, fields, and circuits.

Environmental Science (424020)

Grade: 11, 12

Credit: 1

This course is an introduction to the structure and function of terrestrial, aquatic and atmospheric systems, including the human actions that affect them. This course will provide an overview of environmental science, and current global concerns, exploring science, economic, social and political solutions. This course does not count toward Smart Core curriculum.

Health (480000)

Grades: 9, 10, 11, 12

Credit: .5

*Required for graduation

This course offers a contemporary approach to health dealing with issues relevant to students in grades 9-12. Students look closely at mental and emotional as well as physical health.

PE/Lifetime Fitness (485010)

Grades: 9, 10, 11, 12

Credit: .5

Physical Education courses include a planned curriculum that provides content and learning experiences in basic motor and movement skills as they apply to physical activity, health related physical fitness, and lifetime sports and recreation. Students must have tennis shoes, t-shirts, shorts or wind pants, a combination lock, and a notebook.

SINGLE-SEMESTER ELECTIVES

Agri-Business Management (491030)

Grades: 9, 10, 11,12

Credit: .5

The Agri-Business 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.

Animal Science (Animal Systems) (491180)

Grades: 9, 10, 11,12

Credit: .5

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.

Art History (Prehistoric to Renaissance) (450060)

Grades: 9, 10, 11,12

Credit: .5

Art History (Prehistoric to Renaissance) is a one-semester course designed to teach students the significance of art throughout history. Students in Art History (Prehistoric to Renaissance) will examine periods of art history from around the world, with emphasis on art from ancient civilizations, classic civilizations, the Middle Ages, and the Early and High Renaissance. Students will examine characteristics of art including themes, artists, major works of art, media, and processes involved in creating works of art that is unique to each period of art; explore societal influences on art from each period and the impact art from each period has had on society; apply basic terminology and higher order thinking skills; and draw inferences from works of art and artists from each period of art history

Business Law I (492070)

Grades: 9, 10, 11,12

Credit: .5

Business Law I covers the history and evolution of our law, the fundamental elements of the American legal system, and its common law origins. The scope of the course will include: the application and operation of the legal system in the remedy of business disputes, the development and operation of the court system, regulatory law for business firms, consumer protection, and contract law.

College and Career Readiness (493880)

Grades: 9, 10, 11, 12

Credit: .5

This course emphasizes understanding of mathematics concepts rather than just memorizing procedures. Math Ready students learn the context behind procedures and understand why to use a certain formula or method to solve a problem. By engaging students in real-world applications, Math Ready develops critical thinking skills that students will use in college and

their careers. In this course, students will also prepare to earn an industry certification, National Career Readiness Certificate (NCRC), that provides an individual math, graphic literacy, and workplace documents skills that an employer is looking for in an employee. This credential is portable and does not have an expiration date.

Criminal Law (494610)

Grades: 9, 10, 11,12

Credit: .5

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 Law Enforcement (494630)

Grades: 9, 10, 11,12

Credit: .5

This course is designed to teach students the necessary background and practical skills to function as law enforcement officers. Topics reviewed in lecture and in applied exercises include administration of justice, basic law and procedures and patrol functions. The purpose of the instructional program is to prepare students to perform the duties of police, including patrol and investigating activities, search and seizure, traffic control, crime prevention and public relations.

Intro to Art/Art Appreciation (453100)

Grades: 9, 10, 11,12

Credit: .5

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

Medical Professions Expanded (495380)

Grades: 9, 10, 11,12

Credit: .5

The Introduction to Medical Procedures Expanded course focuses on the specific skills needed in several different areas of entry-level positions in health care. Students are able to build upon the skills gained in Medical Procedures. The different skill areas addressed are: dental assisting, laboratory assisting, medical assisting, nurse assisting, physical therapy assisting, and veterinary assisting.

Music Appreciation (453030)

Grades: 9, 10, 11, 12

Credit: .5

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

Personal Finance (491990)

Grades: 9, 10, 11, 12

Credit: .5

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

Plant Science (Plant Systems) (491340)

Grades: 9, 10, 11,12

Credit: .5

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.

Principles of Banking (492090)

Grades: 9, 10, 11,12

Credit: .5

Banking is a one-year course that provides an introduction to banking services and financial institutions. Students will study principles of banking transactions and the services of a bank. Topics include soft skills in the workplace; history of banking; federal reserve; banking laws, ethics, and banks as business; banking services; bank security; ten-key touch; and banking transactions.

Psychology (474400)

Grades: 10, 11, 12

Credit: .5

This course studies the science of the mind. It looks at the biology, chemistry, and mechanism of the brain and body as well as theories and therapies to correct problems.

Sociology (474500)

Grades: 10, 11, 12

Credit: .5

Sociology consists of two nine-week units. This course 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.

Survey of Ag Systems (491150)

Grades: 9, 10, 11,12

Credit: .5

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.

World Geography (474600)

Grades: 9, 10, 11,12

Credit: .5

World Geography in Grades 9-12 continues to deepen geographic reasoning, knowledge, and skills as students focus on spatial relationships, places, regions, and human systems. This course emphasizes the application of geographic thinking skills to students' immediate world around them, including their local communities and cities. Students will use spatial and environmental perspectives and available geospatial technologies to analyze and interpret a variety of geographic representations, pictorial and graphic evidence, and data. This type of geographic inquiry helps students understand and appreciate their own place in the world and fosters curiosity about Earth's wide diversity of environments and cultures. This course lends itself to students examining global issues through case studies of countries and regions. Through this course students will be able to recognize and understand spatial patterns and relationships.

FULL-YEAR ELECTIVES

Business Procedures (Intro to Business) (492380)

Grades: 9, 10, 11,12

Credit: 1

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

Consumer Services (493310)

Grades: 9, 10, 11,12

Credit: 1

Consumer Services is a course that introduces applications with a consumer service industry. Students will obtain a broad-based knowledge in consumer products and industry equipment in order to obtain and maintain a profession in consumer services, to allow demonstration of product/equipment features and associated uses, to read and understand current research information to include in presentations to consumers, and to recognize and apply current ethical and legal practices in consumer services. Course content includes using technology to manage various aspects of consumer services to meet consumer expectations and to utilize consumer information and resources.

Foundations of Healthcare (495350)

Grades: 9, 10, 11,12

Credit: 1

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.

Intro to Architecture and Construction (494480)

Grades: 9, 10, 11,12

Credit: 1

Skilled Trades Construction is a foundational course in the Architecture & Construction cluster covering essential knowledge, skills, and concepts required for careers in construction. Students will learn to describe various construction fields and outline the steps necessary to advance in specific construction careers. Students will learn to employ tools safely and interpret construction drawings to complete projects demonstrating proper measurement and application of mathematical concepts. Standards in this course also include an overview of the construction industry and an introduction to building systems and materials.

Journalism II (415010)

Grades: 10, 11, 12

Credit: 1

Prerequisite: Journalism I

Yearbook Production class for students who are interested in producing The Miner, the high

school yearbook. Students will be responsible for layouts, photography, sales campaigns, copywriting, and graphic design. Computers will be used to complete these tasks. Students will gain a thorough understanding of the PageMaker program and other related computer programs. Access to a 35mm 60 camera and computer knowledge are necessary. The course requires out-of-class time to complete assignments.

Lifetime Fitness and Nutrition (493200)

Grades: 9, 10, 11,12

Credit: 1

Life Fitness Nutrition is a 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.

Medical Terminology (495360)

Grades: 9, 10, 11,12

Credit: 1

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.

Survey of Business (492120) (Foundation Course)

Grades: 9, 10, 11, 12

Credit: 1

A two-semester course designed to prepare students with an introduction to business applications that are necessary to live and work in a technological society. Emphasis is given to hardware, concepts, and business uses of applications. The business applications covered are word processing, database, spreadsheet, telecommunications, presentation, and web-page design.

Transportation and Distribution (490830)

Grades: 9, 10, 11,12

Credit: 1

This year-long course covers concepts and skills related to planning and management of transportation and distribution activities affecting business operations. Students will learn essential knowledge for entry into careers in the transportation, distribution, and logistics fields.

Web Technologies (492670)

Grades: 9, 10, 11,12

Credit: 1

Web Technologies is an exploration of all of the elements of good web page design. Students will begin by creating web pages using HTML, XHTML and CSS. Students will investigate several Adobe software packages to enhance web sites such as: Photoshop to create and edit graphics, Flash to create animations and web banners, Fireworks to create and optimize images for the web, and Premiere or other video/audio software to create and edit videos and audio. Students will focus on how to use web design software such as Dreamweaver to create websites. Students will also use multimedia equipment such as digital cameras and camcorders to add this rich media to websites. Students will complete several real world applications such as Flash videos and web pages for the school or other organizations or businesses. Web Communication using Adobe Dreamweaver® (Associate) certification is encouraged.

Virtual Arkansas Classes

***AP Computer Science A (565130) (Teacher Led - Online)**

Grade: 11, 12

Credit: 1

The goals of the AP Computer Science A course are comparable to those in the introductory course for computer science majors offered in many college and university computer science departments. It is not expected that all students in the AP Computer Science A course will major in computer science at the university level. The AP Computer Science A course is intended to serve both as an introductory course for computer science majors and as a course for people who will major in other disciplines and want to be informed citizens in today's technological society.

***AP Environmental Science (523030) (Teacher Led - Online)**

Grades: 12

Credit: 1 **(There is a fee of \$100 per .5 unit if this course is dropped after enrollment.)**

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Students will be reading at an accelerated pace and writing formal lab reports on a weekly basis. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. Yet there are several major unifying constructs, or themes, that cut across the many topics included in the study of environmental science.

***AP Statistics (539030) (Teacher Led - Online)**

Grades: 12

Credit: 1 **(There is a fee of \$100 per .5 unit if this course is dropped after enrollment.)**

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 are exposed to four broad conceptual themes: Exploring Data, Sampling and Experimentation, Anticipating Patterns, and Statistical Inference.

French I (441000)- (Teacher Led - Online)

Grades: 9, 10, 11, 12

Credit: 1 **(There is a fee of \$80 per .5 unit if this course is dropped after enrollment.)**

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

French II (441010) (Teacher Led - Online)

Grades: 9, 10, 11, 12

Credit: 1 **(There is a fee of \$80 per .5 unit if this course is dropped after enrollment.)**

In this course, students will build on skills developed in French I and continue to work on communicating effectively in the French language and increasing awareness of French-speaking cultures. Upon successful completion of this course, students will be able to understand spoken French at the novice level; use vocabulary for practical, everyday use; speak with comprehensible pronunciation; read and write simple French paragraphs; discuss and demonstrate an appreciation for Francophone cultures. Prerequisite: Students may be evaluated and placed based on their individual ability, regardless of how, when, or where they reached that ability level.

German I (442000) (Teacher Led - Online)

Grades: 9, 10, 11, 12

Credit: 1 **(There is a fee of \$80 per .5 unit if this course is dropped after enrollment.)**

German I stresses correct pronunciation, aural comprehension, and simple speaking ability. As communication skills develop, the course includes additional vocabulary and basic grammar necessary for limited reading and writing. The course is defined by the content standards of the Arkansas Foreign Language Curriculum Framework and includes applications, problem solving, higher-order thinking skills, and performance-based, open-ended assessments with rubrics.

German II (442010) (Teacher Led - Online)

Grades: 9, 10, 11, 12

Credit: 1 **(There is a fee of \$80 per .5 unit if this course is dropped after enrollment.)**

German II develops and expands the fundamental skills introduced in German I. Speaking exercises facilitate oral communication. Additional vocabulary and grammar are introduced to lead to more advanced reading and writing. Authentic reading materials and audio-video recordings enrich instruction. The course is defined by the content standards of the Arkansas Foreign Language Curriculum Framework and includes applications, problem solving, higher-order thinking skills, and performance-based, open-ended assessments with rubrics. Prerequisite: Students may be evaluated and placed based on their individual ability, regardless of how, when, or where they reached that ability level.

American Sign Language (449010) (Teacher Led - Online)

Grades: 9, 10, 11, 12

Credit: 1 **(There is a fee of \$80 per .5 unit if this course is dropped after enrollment.)**

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 (449020) (Teacher Led - Online)

Grades: 9, 10, 11, 12

Credit: 1 **(There is a fee of \$80 per .5 unit if this course is dropped after enrollment.)**

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.

SPANISH III (440030) (Teacher Led - Online)

Grades: 11, 12

Credit: 1 **(There is a fee of \$80 per .5 unit if this course is dropped after enrollment.)**

Spanish III is an elective course that emphasizes oral and written expression to promote more proficient Spanish communication skills. It includes the review and expansion of essential Spanish grammar and vocabulary necessary for advanced communication. Cultural and literary selections are read and discussed. Compositions reflect comprehension and an increasing understanding of the complexities of the language and vocabulary. Aural comprehension is emphasized. The course is defined by the content standards of the Arkansas Foreign Language Curriculum Framework for Spanish III and includes applications, problem solving, higher-order thinking skills, and performance-based, open-ended assessments with rubrics.

Prerequisite: Students may be evaluated and placed based on their individual ability, regardless of how, when, or where they reached that ability level.

Today's American ART: Exploring the Fundamentals of Art (550110)

Grades: 10, 11, 12

Credit: .5 **(There is a \$60 fee if this course is dropped after enrollment.)**

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!

ABOVE STATE REQUIREMENTS.

Exploring Personal and National Identity Through Art (550100)

Grades: 10, 11, 12

Credit: .5 **(There is a \$60 fee if this course is dropped after enrollment.)**

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. **ABOVE STATE REQUIREMENTS.**

Computerized Accounting I (492100)

Grades: 9, 10, 11, 12

Credit: 1.0 **(There is a fee of \$100 per .5 unit if this course is dropped after enrollment.)**

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 the accounting occupations can be attained

Computerized Accounting II (Level III) (492110)

Grades: 11, 12

Credit: 1 **(There is a fee of \$100 per .5 unit if this course is dropped after enrollment.)**

Prerequisite: Computerized Accounting I

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

Foundations of Sports Medicine (Level I) (494050)

Grades: 10, 11, 12

Credit: 1 **(There is a fee of \$100 per .5 unit if this course is dropped after enrollment.)**

Prerequisite: Survey of Business

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.

Pathology (Level III) (495290)

Grades: 11, 12

Credit: .5 Fall & Spring **(There is a \$60 fee if this course is dropped after enrollment.)**

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.

Human Behavior and Disorders (Level III) (495320)

Grades: 10, 11, 12

Credit: .5 Spring **(There is a fee of \$60 if this course is dropped after enrollment.)**

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 (Level III) (495370)

Grades: 11, 12

Credit: .5 Fall

(There is a fee of \$60 if this course is dropped after enrollment.)

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.

Tourism Industry Management (Level II) (492260)

Grades: 10, 11, 12

Credit: 1 **(There is a fee of \$60 per .5 unit if this course is dropped after enrollment.)**

Prerequisite: Survey of Business

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.

Arkansas Hospitality and Tourism (Level III) (492230)

Grades: 10, 11, 12

Credit: .5 **(There is a fee of \$60 if this course is dropped after enrollment.)**

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.

Fashion Merchandising (492190)

Grades: 9, 10, 11, 12

Credit: .5 (There is a fee of \$60 if this course is dropped after enrollment.)

Prerequisite: Survey of Business

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.

Introduction to Criminal Justice (Level I) (494620)

Grades: 9, 10, 11, 12

Credit: 1 (There is a fee of \$80 per .5 unit if this course is dropped after enrollment.)

Prerequisite: Survey of Business

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.

Concurrent College Classes AR Tech/Virtual Arkansas

Concurrent Credit College Algebra (539902)

Grades: 11, 12

Credit: 1 (offered in the Fall and Spring)

Prerequisite: Beyond Algebra II

(Course Cost: \$80 There is an additional fee of \$80 if this course is dropped after enrollment.)

Exponents and radicals, introduction to quadratic equations, systems of equations involving quadratics, ratio, proportions, variations, progressions, the binomial theorem, inequalities, logarithms, and partial fractions. Note: A grade of C or better must be earned in this course if being used to satisfy the general education mathematics requirement.

Concurrent Credit College Math (539903)

Grades: 11, 12

Credit: 1 (offered in the Fall only)

Prerequisite: Beyond Algebra II

(Course Cost: \$80 There is an additional fee of \$80 if this course is dropped after enrollment.)

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. Note: A grade of C or better must be earned in this course if being used to satisfy the general education mathematics requirement.

Concurrent Credit Education Technology (590520)

Grades: 11, 12

Credit: 1 (Year long course)

(Course Cost: \$100 per semester. There is an additional fee of \$100 if this course is dropped after enrollment.)

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 integrated 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.

Concurrent Credit Fine Arts Experiencing Art (559002)

Grades: 10, 11, 12

Credit: 1 (offered in the Fall and Spring)

(Course Cost: \$80 There is an additional fee of \$80 if this course is dropped after enrollment.)

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.

Concurrent Credit Foreign Language Beginning Spanish I / II (549900 / 549901)

Grades: 11, 12

Credit: 1 (CC Spanish I offered in the Fall / CC Spanish II offered in the Spring)

(Course Cost: \$80 There is an additional fee of \$80 each if these courses are dropped after enrollment.)

Training in the elements of Spanish communication (speaking and writing) and comprehension (listening and reading) within a variety of cultural contexts.

Concurrent Credit Introduction to Biological Sciences (529910)

Grades: 11, 12

Credit: 1 (Year long course)

(Course Cost: \$100 There is an additional fee of \$100 if this course is dropped after enrollment.)

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

Concurrent Credit Introduction to Education (590230)

Grades: 11, 12

Credit: 1 (Year long course)

(Course Cost: \$100 per semester. There is an additional fee of \$100 if this course is dropped after enrollment.)

This is the first level course in the Arkansas Teacher Residency model. Introduction to Education is designed with the internet 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.

Concurrent Credit Public Speaking (514000)

Grades: 11, 12

Credit: 1 (offered in the Fall and Spring)

(Course Cost: \$80 There is an additional fee of \$80 if this course is dropped after enrollment.)

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

Concurrent Credit World History I (To 1500) (579910)

Grades: 11, 12

Credit: 1 (offered in the Fall)

(Course Cost: \$80 There is an additional fee of \$80 if this course is dropped after enrollment.)

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

Concurrent Credit World History II (1500 to 1877) (579911)

Grades: 11, 12

Credit: 1 (offered in the Spring)

(Course Cost: \$80 There is an additional fee of \$80 if this course is dropped after enrollment.)

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

Saline County Career and Technical Campus ASU Three Rivers

SCCTC offers a variety of Career and Technical Education opportunities for students. If a student successfully completes two years of the same program, he/she will be considered a completer and earn a certification. The programs of study available are as follows:

- **Automotive Technology** - The automotive service program provides students with opportunities to train to enter the automotive service industry as a service professional. They will acquire knowledge and skills in automotive maintenance, servicing and asic testing of brakes, electrical systems, drivetrain, engine, HVAC, and steering/suspension systems. Students will also develop skills in automobile maintenance, troubleshooting, and technical repair procedures.
- **Construction** - The construction program provides students with opportunities to train to enter a career in the construction and carpentry industry. They will acquire knowledge and skills in the use of tools and materials for carpentry, electrical, masonry, and plumbing. Students will develop skills in carpentry, electrical, masonry, and plumbing for use in the construction industry.
- **Cybersecurity** - The cybersecurity program provides students with opportunities to enter a career in the cybersecurity and programming field. They will acquire knowledge and skills in computer science. Students will develop skills to safeguard networks, computers and files, create security procedures, and monitor use of data files.
- **Health Services** - The health science program provides students with opportunities to train to enter a career in the healthcare field. They will acquire knowledge and skills in anatomy and physiology of the human body along with the common diseases. Students will develop skills to work in the healthcare field or continue with postsecondary education.
- **HVAC-R** - The HVACR program provides students with opportunities to train to enter the HVAC-R industry as technicians or building maintenance. They will acquire knowledge and skills in safety, principles of HVACR theory, use of tools, codes, and installation of HVAC-R equipment. Students will develop skills in safety, electrical theory, use of tools, codes, installation of commercial HVAC-R equipment, troubleshooting and maintenance practices.
- **Industrial Technology** - The industrial technology program provides students with opportunities to train to enter a career in any industry or manufacturing field. They will acquire knowledge and skills in concepts of electricity; interpreting mechanical drawings and blueprints; hydraulic systems. Students will develop skills in technology for industrial trade and industry.
- **Manufacturing** - The manufacturing program provides students with opportunities to train to enter a career in the manufacturing industry. They will acquire knowledge and skills in using tools and mechanical equipment for machining and fabrication. Students will develop skills in Mechanical Devices & Systems with an emphasis on mass production of products.

- **Medical Professions/CNA** - The medical professions (CNA) program provides students with opportunities to train to enter a career in the healthcare field. They will acquire knowledge and skills in anatomy and physiology of the human body along with the common diseases. Students will develop skills to work in the healthcare field or continue with postsecondary education.
- **Networking** - The networking program provides students with opportunities to train to enter a career in the computer network and information systems fields. They will acquire knowledge and skills in computer networks and computing environments. Students will also develop skills to maintain and administer computer networks, hardware and software; troubleshoot and resolve issues; and monitor the performance of computer systems.
- **Welding** - The welding program provides students with opportunities to train to enter a career in the welding industry. They will acquire knowledge and skills in welding equipment, materials, tools, techniques and safety. Students will also develop skills in welding for careers in construction, fabrication, plant maintenance, the automotive industry, and more.

Students interested in enrolling in any of these programs need to have taken the ACT or the Accuplacer Exam.