

**Bauxite High
School
and
Miner Academy**
With UA Pulaski Tech Courses

**Course Guide
2020-2021**

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Bauxite High School Graduation Plans

Regular Graduate (25 credits)

4 credits total English Language Arts	English 9 (1) English 10 (1) English 11 (1) English 12 (1)	4 credits total Mathematics	Algebra I or Algebra A/B (1) Geometry or Geometry A/B (1) Bridge to Alg II (1) Algebra II (1) Quantitative Lit. (1) Algebra III (1)
3 credits total Science	Physical Science (1) Biology (1) Chemistry (1) Environmental Sci (1)	3 credits total Social Studies And Economics	Civics (.5) Economics (.5) World History (1) US History (1)
.5 credit total Speech	Oral Communications (.5)	.5 credit each Health Physical Education	Physical Education (.5) Health (.5) Athletics with PE (.5)
.5 credit total Business	Survey of Business (.5)	.5 credit total Fine Arts	Art / Choir / Band Theatre / Art History Art Appreciation Music Appreciation
9 credits total	Electives (Student's Choice)		

Honor Graduate (25 credits)

<p>1 - *GPA of 3.25 or better (8 semesters) 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: 3.250 - 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>*Graduates of 2023 and beyond will have to attain a GPA of 3.500 or better to be considered an Honor Graduate.</p>	<p>2 - Must take the following classes above regular graduates:</p> <p>AP English Language or AP Literature Or Freshman Comp</p> <p>Physics or Chemistry or Chemistry II</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 (Sign language does not count)</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> <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 AP Government AP Psychology AP Environmental Science College Algebra College American History</p>	<p>3 - Fulfill all graduation requirements as presented by Bauxite HS & Miner Academy Principals.</p>
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Class Credits and Classification

Freshman.....0 - 5.5 credits
Sophomores.....6 - 11.5 credits
Juniors.....12 - 17.5 credits

Seniors.....18 or more credits

All of these credits must have been attained at the beginning of the FIRST semester of each year. 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	

Graduation Requirements

All students must earn 25 credits for state-required subjects and electives as described on the previous pages. Students must pass the AR Civics Exam in order to graduate. (Class of 2019 and above). *see testing programs for the tests that are required.

Testing Programs

ACT Aspire and ACT test - Students in grades 9 and 10 are required to take the ACT Aspire exam. This is considered their state test. 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 that the students will be tested on.

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.

AR Civics Exam - beginning with the class of 2019, students are required 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 take this assessment. All 11th graders are required to take this exam. Juniors are not required to take this exam.

PSAT—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 11 are encouraged to take this test. 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 Summer school and 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 Principal**

Special Programs

Honors and AP Courses—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 9th-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.

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 (½) 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 and 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; and
- 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.

Vocational courses, also concurrent courses, in the areas of Auto Mechanics, Medical Professions and Culinary Arts are taught at U of A - Pulaski Tech College. These courses may be taken by BHS students during the school day.

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. Review and strengthen grammar skills. This is an honor 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 (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. 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 readings. **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 and 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 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 will require summer readings.

*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 English Literature (517040)**

Grade: 11

Credit: 1

Prerequisite: Pre-AP English 10

This course is designed for student to work on vocabulary, write essays, and research papers. Students will study both American and British literature paying close attention to literacy 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 readings will 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, 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 stressed.

ELA Drama (416000)

Course length: semester

Grades: 9, 10, 11, 12

Credit: ½

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) or Professional Communication (414210)

Course length: 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 in small groups and independently.

Freshman Comp I (519930)

Grade: 11

Credit: 1 (HS,) 3 (College) **Cost: \$50 (there is a \$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 and a parent signed MOU.

Freshman Comp I (519940)

Grade: 12

Credit: 1 (HS), 3 (College) (Semester Class) **Cost: \$50 (there is a \$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 12. This course is one semester in the Fall. Prerequisite: Must have a 19 on the English and Reading sections of the ACT and a parent signed MOU.**

Freshman Comp II (519902)

Grades: 11, 12

Credit: 1 (HS), 3 (College) (Semester Class) **Cost: \$50 (there is a \$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.**

Transitional Literacy (496040)

Grades: 12

Credit: 1

This course is a two-semester English Language Arts (ELA) course, designed to dramatically accelerate students' literacy skills essential for college and career readiness. In Transitional Literacy, students receive instruction in reading, writing, speaking and listening, and language, emphasizing literary and informational texts from diverse genres in print and digital formats. The texts selected for the course must be within the Grade 11-12 test complexity band and increase in complexity over time. The course closely examines unique characteristics of texts from each discipline and emphasizes the specific strategies needed to comprehend them. The course focuses on developing the requisite literacy skills for success in higher education and the workforce by incorporating texts from ELA, history/social studies, science, and technical subjects. These texts will also be used as models for student writing products, emphasizing both informative and argumentative types.

THIS COURSE DOES NOT FULFILL THE 12TH GRADE ENGLISH GRADUATION REQUIREMENT.

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 (540030)

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 through Virtual Arkansas if it does not make.**

SOCIAL STUDIES

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.

Honors Civics (47200P)

Grade: 9

Credit: .5

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. A study of current event issues will be an integral part of class discussion.

Prerequisite: History 8/AR History, written consent and scored advanced on the ACT Aspire in Reading and English

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.

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 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.

Honors World History (47100P)

Grade: 10

Credit: 1

This course encompasses the origins of mankind through the time of the Renaissance and Reformation of the 16th century. This course covers the material at an accelerated pace and

more in-depth. Research papers may be required. Pre-AP World 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 enrolled in an Honors course may be removed from the course if they fail 1st semester.**

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.

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

Grade: 11, 12

Credit: 1

Prerequisite: Pre-AP World History

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

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 a \$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 a \$50 drop fee after enrollment)** The study of the development of the American nation from 1877. This course is offered in the Spring.

Psychology (579000)

Grades: 11, 12

Credit: 1

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.

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 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.

Algebra A (430100, 430101) (Doubled Blocked)

Grade: 9, 10, 11, 12

Credit: 1

This course is the equivalent to the first semester of traditional Algebra I; however, the concepts are taken at a slower pace. This course must be completed with Algebra B in order to complete an algebra requirement and before moving to Geometry A & B.

Algebra B (430200, 430201) (Double Blocked)

Grade: 9, 10, 11, 12

Credit: 1

Prerequisite: Algebra A

This course is equivalent to the second semester of traditional Algebra I; however, the concepts are taken at a slower pace. Algebra A and Algebra B together satisfy the requirement for Algebra I before moving to Geometry A & B.

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.

Geometry A (431100, 431101) (Double Blocked)

Grades: 10, 11, 12

Credit: 1

Prerequisite: Algebra A & B or Algebra I

This course will cover the Geometry curriculum and frameworks required by the Arkansas Department of Education. It is equivalent to the first semester of Geometry and is taught at a slower pace. The student will study the basic geometric figures while developing an understanding of the formal structure of mathematics. The student will need to take Geometry B to receive Geometry credit.

Geometry B (431200, 431201) (Double Blocked)

Grades: 11, 12

Credit: 1

Prerequisite: Geometry A

This course will cover the Geometry curriculum and frameworks required by the Arkansas Department of Education. It is equivalent to the second semester of Geometry and is taught at a slower pace. The student will study the basic geometric figures while developing an understanding of the formal structure of mathematics. Students will take the end-of-course exam 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.**

Bridge to Algebra II (435000)

Grades: 10, 11, 12

Credit: 1 credit

Prerequisite: Algebra I or Algebra A and B

This course is designed for students who have completed Algebra I. It is designed to reinforce linear concepts included in Algebra I, master quadratics and exponential concepts not included with the Algebra I frameworks.

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.

Honors 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.

Quantitative Literacy (439120)

Grades: 11, 12

Credit: 1

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. **Prerequisite: Algebra I**

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

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 (422000)

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.

****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 I is a prerequisite for this course.

Art III (450040)

Grades: 10, 11, 12

Credit: 1

Prerequisite: General Art

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 II is a prerequisite for this course.

Art IV (450050)

Grades: 10, 11, 12

Credit: 1

Prerequisite: General Art, 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 III is a prerequisite for this course.

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.**

Prerequisite: none

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, sols 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: 9, 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, and 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. Instrumental 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. Instrumental Music II may be used to fulfill this requirement.

Instrumental Music III (451050)

Grades: 9, 10, 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: 9, 10, 11, 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 ensembles 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: 9, 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: 9, 10, 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: 9, 10, 11, 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: 9-12

Credit: 1 credit

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. One year of formal training in music at the high school level is a prerequisite for this course.

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: 11, 12

Credit: 1 each

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.

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

BUSINESS, COMPUTER TECHNOLOGY & COMPUTER SCIENCE ELECTIVES

**The next section is a Career and Technical Education Course and has certain areas where a student can be a course completer.

Computerized Accounting I (492100)

Grades: 10, 11, 12

Credit: 1 credit

Prerequisite: Survey of Business

A two-semester course with emphasis on basic accounting principles as related 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.

Management (492320)

Grades: 11, 12

Credit: 1 credit

Prerequisite: Survey of Business, Computer Accounting I

A two-semester course that assists the student in understanding basic management functions. Students study the management process, decision-making, environmental factors, basic ethics, and social responsibility. Planning, organizing, leading, and controlling are emphasized as well as basic concepts of staffing, leadership, communications, entrepreneurship, and international management. Computer work will be done in the class.

Survey of Business (492120) (Foundation Course)

Grades: 9, 10, 11, 12

Credit: 1 credit

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 (465010) FALL

Grades: 9, 10, 11, 12

Credit: .5

Introduction to Computer Science offers students the opportunity to explore three distinct areas in computer science: programming, networking, and information security. students will develop knowledge and skills in computational thinking and problem solving; data and information; algorithms and programs; computers and communications; and community, global and ethical impacts. emphasis is placed on making real-world connections between students, course topics, and programming in the field of computer science. Cannot take Computer Science with Information Security Emphasis Level I (.5) and this course. **Prerequisite: None**

Computer Science - Programming/Coding Emphasis II (465020) SPRING

Grades: 9, 10, 11, 12

Credit: .5

This course expands upon the concepts covered in the Introduction to Computer Science

(Level 1) course and places significant emphasis on developing proficiency in computer programming/coding. Students will learn to analyze problems and develop solutions to those problems in a collaborative learning environment. Multiple technologies will be engaged in order to equip students with fluencies that will enable them to adapt to the constantly-changing field of computer science. Cannot take Computer Science with Information Security Emphasis Level I (.5) and this course. **Prerequisite: None**

Computer Science - Programming/Coding Emphasis III (465030) FALL

Grades: 9, 10, 11, 12

Credit: .5

This course expands upon the concepts covered in the Introduction to Computer Science (Level 2) course and places significant emphasis on developing proficiency in computer programming/coding. Students will learn to analyze problems and develop solutions to those problems in a collaborative learning environment. Multiple technologies will be engaged in order to equip students with fluencies that will enable them to adapt to the constantly-changing field of computer science. Cannot take Computer Science with Information Security Emphasis Level I (.5) and this course. **Prerequisite: None**

Computer Science - Programming/Coding Emphasis IV (465040) Spring

Grades: 10, 11, 12

Credit: .5

This course expands upon the concepts covered in the Introduction to Computer Science (Level 3) course and places significant emphasis on developing proficiency in computer programming/coding. Students will learn to analyze problems and develop solutions to those problems in a collaborative learning environment. Multiple technologies will be engaged in order to equip students with fluencies that will enable them to adapt to the constantly-changing field of computer science. Cannot take Computer Science with Information Security Emphasis Level I (.5) and this course. **Prerequisite: None**

Computer Science - Advanced Programming I (465050)

Grades: 10, 11, 12

Credit: .5

The Arkansas Advanced Programming Course focuses on the skills necessary to design and develop reliable programs and software. Through these standards, students will explore, apply, and advance toward mastery of data structures and algorithms, data representation, algorithm design, and program efficiency. Students will accomplish tasks and solve problems independently and collaboratively with the tools and skills needed to be successful in college and careers.

Computer Science - Advanced Programming II (465060)

Grades: 10, 11, 12

Credit: .5

The Arkansas Advanced Programming Course focuses on the skills necessary to design and develop reliable programs and software. Through these standards, students will explore, apply,

and advance toward mastery of data structures and algorithms, data representation, algorithm design, and program efficiency. Students will accomplish tasks and solve problems independently and collaboratively with the tools and skills needed to be successful in college and careers.

Digital Sales and Marketing (492760)

Grades: 9, 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.

Orientation to Teaching (493240) - Concurrent Credit

Grades: 10, 11, 12

Credit: 1 **Cost: \$50 (there is a \$50 fee if this course is dropped after enrollment)**

Orientation to Teaching is a course designed to provide students with information and experiences in the field of education. Students from the class will plan and direct individualized instruction and complete other responsibilities of classroom teachers. The students are involved in observations as well as direct student instruction; placement rotations are utilized to allow students to have experiences in a full range of education career roles, grade levels, subject areas, and ability groups.

E.A.S.T.

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

Grades: 9, 10, 11, 12

Credit: 1 credit

The EAST model of education features student-driven service projects accomplished with the latest in technology. EAST 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 credit

The EAST model of education features student-driven service projects accomplished with the latest in technology. EAST 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 credit

The EAST model of education features student-driven service projects accomplished with the latest in technology. EAST 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 credit

The EAST model of education features student-driven service projects accomplished with the latest in technology. EAST 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

Life Span Development (493020) (Level II)

Grades: 10, 11, 12

Credit: 1

Life Span Development focuses on skills needed to guide the physical, intellectual, emotional, and social development of children. Emphasis is given to the development of competencies related to the study of children, pregnancy and prenatal development, birth and the newborn, types of growth and development, stages of growth and development, needs of children, factors influencing the behavior of children, children with special needs, coping with crises, the effects of technology on child development, and careers related to the area of child development. Experiences are designed to assist students in developing an understanding of the parenting process and of parenting skills. Competencies developed in this course will be useful to anyone who lives with, associates with, or works with children. Emphasis in this course is given to the development of competencies related to the parenthood decision, costs of having and raising a child, the promotion of child growth and development, effects of heredity and environment on development, rights and responsibilities of parents and children, providing nurturance, guidance techniques for promoting positive behavior, prevention of child abuse and neglect, promoting health and safety of children, caring for the sick or injured child, parenting a "special needs" child, helping children cope with crises, choosing professionals to help with parenting problems, selection of child-care services, and jobs and careers in child and family services. **Prerequisite: Family and Consumer Science.**

Dynamics of Human Relationships (493150) (Level III)

Grades: 11, 12

Credit: 1

Dynamics of Human Relationships focuses on the development of skills needed in order to build and maintain successful relationships in the home, community, and workplace. Emphasis is given to the development of competencies related to personality development, decision-making, communication, relationships outside the family, and careers in the field of human relations. Upon completion of this course, the student should have a better understanding of self; know how to communicate effectively; and be able to establish and maintain effective relationships with family members, peers and others. **Prerequisite: Life Span Development**

Advanced Child Care Guidance, Management, and Services (493010) (Level III)

Grades: 11, 12

Credit: 1

Experiences in the course are designed to provide students with information and experiences in the occupational field of child care guidance, management and services. Employment opportunities include child care and guidance, foster care, family day care, and teacher assistants. Emphasis in this course is given to development of competencies related to FCCLA, employability, understanding the child care profession, child development, health and safety of children, guiding children's behavior, guiding special needs children, planning and management of a child care program and facility, and the effect of technology in child care and guidance management and services. Upon successful completion of this course, students will receive state certification as child care teacher, child care assistant, or child care aide. The level of certification depends on the number of FACS courses taken in the child care program of study.

Prerequisite: Life Span Development

Food Safety & Nutrition (493110) (Level II)

Grades: 10, 11, 12

Credit: 1

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. **Prerequisite: Family and Consumer Science.**

Life and Fitness Nutrition (493200) (Level III)

Grades: 11, 12

Credit: 1

Nutrition and Wellness enables students to analyze the interaction of nutrition, foods, and fitness for overall wellness of individuals and families throughout the lifespan. In this course, students will develop nutrition and fitness habits to make wise decisions regarding healthy living and prevention of disease through these practices. As active learners, students 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. This course is recommended for all students regardless of their career cluster or pathway, in order to build basic nutrition and wellness knowledge and skills, and is especially appropriate for students with interest in human services, wellness/fitness, health, or food and nutrition related career pathways. **Prerequisite: Food and Safety Nutrition**

BHS ELECTIVES

Drivers Education (690040)

Grades: 9, 10, 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

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.

Prerequisite: none

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 (485000)

Grades: 9, 10, 11, 12

Credit: .5

*Can be used for PE credit 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 (*2.0 GPA) as well as those put forth by the Arkansas Department of Education. *Or below if Supplemental Instruction is in place.

-All athletes must have a physical exam before participation in competitive sports.

-Off-season programs will be offered throughout the school year. Students are expected to participate in off-season, join another sport or take an academic class.

-All 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.

-Be on time for all practices, meetings, trips, etc. If you have to be late or miss any of the above, contact the head coach beforehand.

DO NOT TELL ANOTHER ATHLETE OR ANYONE ELSE TO CONTACT THE COACH.

-All 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.

-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 are administered throughout the school year.

SR. HIGH BOYS SPORTS & SR. HIGH GIRLS SPORTS

SR. FOOTBALL (999810)

BASKETBALL GIRLS (999812)

BOYS BASKETBALL (999811)

SOFTBALL (696006) ALL YEAR

BOYS BASEBALL (696003) SECOND SEM. ONLY

SOCCER BOYS (999816) (9th - 12th grades)

CHEER BOYS (999850)

SOCCER GIRLS (999817) (9th-12th grades)

CHEER/DANCE GIRLS (999850)

9TH GRADE BOYS & 9TH GRADE GIRLS

PE/JR. FOOTBALL (485002)

PE/JR. BOYS BASKETBALL (485003)

PE/ JR. GIRLS BASKETBALL (485004)

PE/JR. GIRLS VOLLEYBALL (485006)

GIRLS SOFTBALL (48500S) ALL YEAR

SR. BASEBALL (48500L) SECOND SEM. ONLY

PE/JR. DANCE/CHEER (48500D)

TRACK & WRESTLING 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 APEX curriculum and Virtual Arkansas curriculum.

Journalism II (415010)

Grades: 10, 11, 12

Credit: 1

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.. **Prerequisite: Journalism I**

College and Career Readiness (493880) APEX

Grades: 9, 10, 11, 12

Credit: .5

College and Career readiness is a one-semester course that can count toward completer status for any Career and Technical Education Program of Study. It is designed to provide the student with the necessary skills to evaluate fundamental employment ready skills and what they need from education to be prepared to refine their choices through a decision-making process and master the skills most needed by 21st century employers. The course is recommended to be taken the first semester of the senior year to allow counselors working with seniors to prepare for graduation and college preparation. Students will assess labor market information, personal academic and career ready potential, and make application to postsecondary institutions. This course will use the Career Ready 101 curriculum to prepare students to take the ACT Work Keys assessments to earn the Arkansas Career Readiness Certificate.

Prerequisite: none**Geography and World Cultures (474600) APEX**

Grades: 9, 10, 11, 12

Credit: .5

World Geography deepens geographic reasoning, knowledge, and skills as students focus on spatial relationships, places, regions, and human systems. This course emphasizes the interaction of humans and their physical and cultural environments. 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. **Prerequisite: none**

Multicultural Studies (69600D) APEX

Grades: 9, 10, 11, 12

Credit: .5

Multicultural Studies is a one-semester elective history and sociology course that examines the United States as a multicultural nation. The course emphasizes the perspectives of minority groups while allowing students from all backgrounds to better understand and appreciate how race, culture and ethnicity, and identity contribute to their experiences. **Prerequisite: none**

Health (480000) APEX

Grades: 9, 10, 11, 12

Credit: .5

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 (485000) APEX

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.

Sociology (474500) APEX

Grades: 10, 11, 12

Credit: .5

Sociology consists of two nine weeks 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.

Psychology (474400) APEX

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.

Personal Finance (49199V) (491990) - APEX or VA AR (Miner Academy)

Grades: 9, 10, 11, 12

Credit: .5 Fall & Spring **(There is a fee of \$80 if this course is dropped after enrollment.)**

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)

AP Environmental Science (523030) - VA AR (Teacher Led - On- Line)

Grades: 12

Credit: 1 **(There is a fee of \$90 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 Psychology (579120) - VA AR (Teacher Led - On- Line)

Grades: 12

Credit: 1 **(There is a fee of \$90 per .5 unit if this course is dropped after enrollment.)**

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

AP Statistics (539030) - VA AR (Teacher Led - On- Line)

Grades: 12

Credit: 1 **(There is a fee of \$90 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.

AP Computer Science A Level 1 (565110) - VA AR (Teacher-Led, On-Line)

Grade: 11, 12

Credit: .5

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. **Prerequisites: None**

AP Computer Science A Level II (565120) - VA AR (Teacher-Led, On-Line)

Grades: 11, 12

Credit: .5

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. **Prerequisites: 565110**

AP Computer Science Principles Level I (565010) - VA AR (Teacher-Led, On-Line)

Grades: 11, 12

Credit: .5

AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science. **Prerequisites: None**

AP Computer Science Principles Level II (565020) - VA AR (Teacher-Led, On-Line)

Grades: 11, 12

Credit: .5

AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions. Together, these

aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science. **Prerequisites: 565010**

AP World History: Modern (571020) - VA AR (Teacher-Led, On-Line)

Grades: 11, 12

Credit: 1 **(There is a fee of \$90 per .5 unit if this course is dropped after enrollment.)**

The AP World History Modern course will develop students' knowledge and understanding of global historical events, processes and interactions between civilizations and societies. Students will prepare for the rigors of college coursework, and the AP World History Modern Exam. The AP World History Modern course uses a skills-based thematic approach organized by historical periods with recurring themes. Historical thinking skills are taught throughout the course using the context and content of world history themes and overlapping, approximate time periods.

Cybersecurity Emphasis Level I (465210) - VA AR (Teacher-Led, On-Line)

Grades: 9, 10, 11, 12

Credit: .5 (Fall)

These beginner level computer science courses offer students the opportunity to explore three distinct areas in computer science: programming, networking, and cybersecurity. This course emphasizes the cybersecurity component in the context of the other two components. Students will develop knowledge and skills in computational thinking and problem solving; data and information; algorithms and programs; computers and communications; and community, global, and ethical impacts. Level I coursework focuses on introducing students to basic concepts and helping them make real-world connections between course topics and cybersecurity in the field of computer science. **Prerequisites: None**

Cybersecurity Emphasis Level II (465220) - VA AR (Teacher-Led, On-Line)

Grades: 9, 10, 11, 12

Credit: .5 (Spring)

Level II coursework focuses on guiding students to deeper comprehension of cybersecurity concepts and helping them make real-world connections between course topics and cybersecurity in the field of computer science. **Prerequisites: None**

Cybersecurity Emphasis Level III (465230) - VA AR (Teacher-Led, On-Line)

Grades: 10, 11, 12

Credit: .5 (Fall)

These intermediate level computer science courses offer students the opportunity to explore three distinct areas in computer science: programming, networking, and cybersecurity. Students will develop knowledge and skills in computational thinking and problem solving; data and information; algorithms and programs; computers and communications; and community, global, and ethical impacts. Level III coursework focuses on guiding students to application of cybersecurity concepts and helping them make real-world connections between course topics and cybersecurity in the field of computer science. **Prerequisites: None**

Cybersecurity Emphasis Level IV (465240) - VA AR (Teacher-Led, On-Line)

Grades: 10, 11, 12

Credit: .5 Spring

Level IV coursework focuses on guiding students to application and analysis of cybersecurity concepts and helping them make real-world connections between course topics and cybersecurity in the field of computer science. **Prerequisites: None**

SPANISH III (440030) - VA AR (Teacher-Led, On-Line)

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.

Professional Communications (414200) - VA AR (Miner Academy)

Grades: 9, 10, 11, 12

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

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

Today's American ART: Exploring the Fundamentals of Art (550010) - VA AR (Miner Academy)

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 (553010) - VA AR (Miner Academy)

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.

Agribusiness Management (Level II) (49103V) - VA AR (Miner Academy)

Grades: 10, 11, 12

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

This course covers the principles of agribusiness including ways of doing business in a free market economic system, entrepreneurship, business start-up, business plans, management, facility needs, legal aspects and tax responsibilities, personnel, and ethics.

Computerized Accounting II (Level III) (49211V) - VA AR (Miner Academy)

Grades: 11, 12

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

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.

Prerequisite: Computerized Accounting I.

Foundations of Sports Medicine (Level I)(49405V) - VA AR (Miner Academy)

Grades: 10, 11, 12

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

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. **Prerequisite: Survey of Business**

Pathology (Level III) (42403V) - VA AR (Miner Academy)

Grades: 11, 12

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

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. **Prerequisite: Biology**

Human Behavior and Disorders (Level III) (49532V) - VA AR (Miner Academy)

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.

Foundations of Health Care (Level I) (49535V) - VA AR (Miner Academy)

Grades: 10, 11, 12

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

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. **Prerequisite: Survey of Business**

Medical Terminology (Level III) (49536V) - VA AR (Miner Academy)

Grades: 10, 11, 12

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

Terminology is a one semester course that assists students in developing the language used for communication in the healthcare profession. **Prerequisite: Biology**

Abnormal Psychology (Level III) (49537V) - VA AR (Miner Academy)

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) (49226V) - VA AR (Miner Academy)

Grades: 10, 11, 12

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

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.

Prerequisite: Survey of Business

Arkansas Hospitality and Tourism (Level III) (49223V) - VA AR (Miner Academy)

Grades: 10, 11, 12

Credit: .5 Spring **(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 (49219V) - VA AR (Miner Academy)

Grades: 9, 10, 11, 12

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

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.

Prerequisite: Survey of Business

Introduction to Criminal Justice (Level I) (49462V) - VA AR (Miner Academy)

Grades: 9, 10, 11, 12

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

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.

Prerequisite: Survey of Business

Criminal Law (Level III) (49461V) - VA AR (Miner Academy)

Grades: 11, 12

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

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.

Concurrent College Classes - AR Tech (VA)

Concurrent Credit Oral Communication (514000) Public Speaking (VA)

Grades: 11, 12

Credit: 1 (offered in the Fall and Spring)

(Course Cost: \$80 There is a 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 Beyond Algebra II (539900) College Algebra (VA)

Grades: 11, 12

Credit: 1 (offered in the Fall and Spring)

(Course Cost: \$80 There is a 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 Beyond Algebra II (539900) College Math (VA)

Grades: 11, 12

Credit: 1 (offered in the Fall only)

(Course Cost: \$80 There is a 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 Foreign Language (549900) Beginning Spanish I / II (VA)

Grades: 11, 12

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

(Course Cost: \$80 There is a 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 Fine Arts (559000) Experiencing Art (VA)

Grades: 10, 11, 12

Credit: 1 (offered in the Fall and Spring)

(Course Cost: \$80 There is a 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 World Hist to 1500 (579910) (VA)

Grades: 11, 12

Credit: 1 (offered in the Fall)

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

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

Concurrent Credit World Hist to 1877 (579920) (VA)

Grades: 11, 12

Credit: 1 (offered in the Spring)

(Course Cost: \$80 There is a 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.

UA - PULASKI TECH

Fall 2020 UA-PTC Career Center Classes

Year	Concurrent Credit?	ACE Course Code and Course Name	HS Credits	Post-Secondary Course Number	Course Name	Credit Hours	Instructor Name
Collision Repair							
1	Y	590370 Auto Collision Repair I	1	CRT 1404	Introduction to Collision Repair	4	
1, 2	Y*	590400 Auto Collision Repair IV	1	CRT 1406	Paint	3	
Auto Service Technology							
1	Y*	590410 Auto Service Technology I	1.5	AST 2410	Electrical Fundamentals	5	
1	Y	590430 Auto Service Technology III	1	AST 2304	Engine Repair	4	
2	Y	592350 Auto Service Technology V	1	AST 1104	Automatic Transmissions	4	
2	Y	592360 Auto Service Technology VI	1	AST 1205	Powertrains		
Commercial Baking							
1	Y	592150 Culinary Arts I	1	CUL 1301	Applied Foodservice Sanitation	3	
1	Y	592160 Culinary Arts II	1	BAK 1301	Baking I	3	

2	Y	592190 Culinary Arts V	1	BAK 1304	Baking II *9 weeks course (1st quarter)	3	
2	Y	592950 Culinary Arts VI	1	BAK 1305	Candies and Chocolates *9 weeks course (2nd quarter)	3	
Culinary							
1	Y	592150 Culinary Arts I	1	CUL 1301	Applied Foodservice Sanitation	3	
1	Y	590280 Food Production, Management and Services I	1	CUL 1302	Food Production I	3	
2	Y	590270 Hospitality Administration I	1	HOS 1301	Intro to Hospitality	3	
2	Y	592230 Food Production, Management and Services V	1	CUL 2303	Meat and Seafood	3	
Hospitality							
1	Y	592150 Culinary Arts I	1	CUL 1301	Applied Foodservice Sanitation	3	
1	Y	590270 Hospitality Administration I	1	HOS 1301	Introduction to Hospitality	3	
Medical Professions							
1	Y	590680 Health Services II		HLSC 1300	Concepts of Lifetime Health and Wellness	3	
1	TBD				Foundations of Healthcare		
1	Y*	590690 Health Services III		BIOL 1303 BIOL 1103	Structure and Function of the Human Body/Lab	2	

***This denotes a year-long course. Concurrent credit will be given upon successful completion of two semesters. Students must attend both Fall and Spring semesters. No concurrent credit will be given for completing only one semester.**

Spring 2021 UA-PTC Career Center Classes

Year	Concurrent Credit?	ACE Course Code and Course Name	HS Credits	Post-Secondary Course Number	Post-Secondary Course Name	Credit Hours	Instructor Name (Last Name, First Name)
Collision Repair							
1	Y	590380 Auto Collision Repair II	1	CRT 1003	Estimation		
1	Y	592310 Auto Collision Repair V	1	CRT 1406	Paint		
Auto Technology							
1	Y	590420 Auto Service Technology II	1.5	AST 2410	Electrical Fundamentals	5	
1	Y	590440 Auto Service Technology IV	1	AST 1503	Climate Control	3	
2	Y	592370 Auto Service Technology VII	1	AST 1403	Automotive Brake Systems	3	
2	Y	592380 Auto Service Technology VIII	1	AST 2103	Chassis and Steering	3	
Baking							
1	Y	592170 Culinary Arts III	1	BAK 1302	Basic Pastry Techniques *9 weeks course (1st quarter)	3	
1	Y	592180 Culinary Arts IV	1	BAK 1303	Cakes and Cake Decorating	3	

					*9 weeks course (2nd quarter)		
2	Y	592210 Culinary Arts VII	1	BAK 1306	Breads *9 weeks course (1st quarter)	3	
2	Y	592220 Culinary Arts VIII	1	BAK 1307	Centerpiece Cakes *9 weeks course (2nd quarter)	3	
Culinary							
1	Y	590580 Food Production, Management and Services II	1	CUL 1303	Food Production II *9 weeks course (2nd quarter)	3	
1	Y	590590 Food Production, Management and Services III	1	CUL 1304	Stocks, Sauces and Soups *9 weeks course (1st quarter)	3	
2	Y	590600 Food Production, Management and Services IV	1	CUL 1305	Garde Manger	3	
2	Y	592160 Culinary Arts II	1	BAK 1301	Baking I	3	
Hospitality Administration							
1	Y	590550 Hospitality Administration II	1	HOS 2302	The Restaurant Industry	3	
1	Y	590560 Hospitality Administration III	1	HOS 2303	Professional Beverage	3	
1	Y	590570 Hospitality Administration IV	1	HOS 2304	Dining Room Operations	3	
Medical Professions							
1	Y	590260 Health Services I	1	MET 1103	Medical Terminology I *This is a 9 weeks course	3	
1	Y	590700 Health Services IV	1	BIOL 1303 BIOL 1103	Structure and Function of the Human Body/Lab	2	
1	Y	590920 Health Services V	1	HLSC 2300	Nutrition	3	