

# **THE ACADEMIES AT JONESBORO HIGH SCHOOL**

## **OUR MISSION**

The mission of the Academies at Jonesboro High School is to provide a high quality, research-based education for all students in order to equip them with the essential skills necessary to be successful in today's changing global community. Through strong partnerships with business and community stakeholders, the Academies at Jonesboro High School will ensure high achievement in all subjects through an expanded curriculum and the use of data-driven methods to evaluate and implement proven instructional strategies. The Academies at JHS will foster respect for global diversity and maintain a commitment to create exceptional opportunities for the educational growth of every child.

## **THE ACADEMY OF BUSINESS, COMMUNICATION ARTS, AND LAW**

The Business, Communication Arts, and Law Academy of Jonesboro High School involves emphasis in areas such as visual media, digital communications, computer business applications, financial literacy, accounting skills, law and work-based employment skills. -0Some of the coursework in the academy provides students with industry certification, making them more employable after graduation. Other courses offer employment skills training that students encounter in the real world of business. Visual media and digital communications courses provide students with publishing and design skills for print and digital media. Financial literacy and accounting coursework provides students with skills relevant to the financial aspects of business.

## **THE ACADEMY OF HEALTH AND HUMAN SERVICES**

The Academy of Health and Human Services of Jonesboro High School will serve students interested in the fields of food & natural resources, education, government, health science, hospitality and tourism, and human service. Teachers and students explore these careers with the unifying goal of improving the lives of others locally and internationally. Teachers in this academy foster skills such as resource allocation, team management, adaptability, systems evaluation, effective communication, and many more that can easily transfer into a work-related environment. Students in this academy learn what it means to be active participants in their community, productive citizens of their country, and caring advocates for human rights around the world.

## **THE STEM ACADEMY**

The STEM Academy of Jonesboro High School will provide a rich integrated curriculum of Science, Technology, Engineering, and Mathematics to help students become college and/or career ready by learning to reason and think creatively and critically in order to solve real work problems. In this academy, the students will be engaged in rigorous academic work that will require a mindset of growth and effort with a heavy emphasis on math and pure science. The STEM Academy is for students ready to accept personal responsibility for their learning and achieve the goals they have set for themselves.

## **NORTHEAST ARKANSAS CAREER AND TECHNICAL CENTER**

The Career & Tech Center serves students from 13 school districts in four Northeastern Arkansas counties. We strive to instill in every student the skills necessary to compete for high-demand, high-wage earning positions in order to lead successful lives in the ever-expanding global marketplace. At Northeast Arkansas Career & Tech Center...YOUR CAREER AWAITS!

## HONOR GRADUATE REQUIREMENTS

Beginning with the graduating class of 2026 Honor graduates will be recognized as follows:

Students who have successfully completed the Smart Core curriculum, two years of the same foreign language, and have a minimum cumulative GPA of 3.5 will be designated as honor graduate students.

Honor graduates from The Academies at Jonesboro High School will be designated as follows:

- **Summa Cum Laude of Distinction**

- o A minimum of 10 AP courses
- o 4.3 and above GPA
- o 2 years of the same Foreign Language
- o 95% or higher Attendance Rate

- **Summa Cum Laude**

- o A minimum of 7 AP courses
- o 4.0 and above GPA
- o 2 years of the same Foreign Language
- o 93% or higher Attendance Rate

- **Magna Cum Laude**

- o A minimum of 5 AP courses
- o 3.75-3.99 GPA
- o 2 years of the same Foreign Language
- o 93% or higher Attendance Rate

- **Cum Laude**

- o A minimum of 3 AP courses
- o 3.5 - 3.74 GPA
- o 2 years of the same Foreign Language
- o 93% or higher Attendance Rate

An honor graduate candidate must have exhibited appropriate student conduct and must meet the following guidelines:

- No placement at the alternative school (grades 9-12)
- No more than 5 total days of OSS (grades 9-12)

Speakers for Graduation will be determined as follows:

- Senior Class Officer
- Academy Speakers Jonesboro Public Schools

There will be one speaker from each academy designated to speak at graduation. Students interested in speaking for their academy must have the following:

1. Must be Summa Cum Laude
2. Two Recommendation Letters from Teachers
3. Complete Application that includes: extracurricular activities and community service
4. Essay on why they want to speak to their peers at graduation
5. No Discipline referrals grades 9 - 12

6. Must be an Arkansas Scholar
  - a) Earn semester grades of "C" or above in all courses
  - b) Achieve a 95% or better attendance record (average over four years)
  - c) Complete the recommended courses to graduate from high school and to prepare for post secondary education
  - d) Finish high school in 8 consecutive semesters or less
7. Must complete 10th-12th grades at Jonesboro High School with the same academy

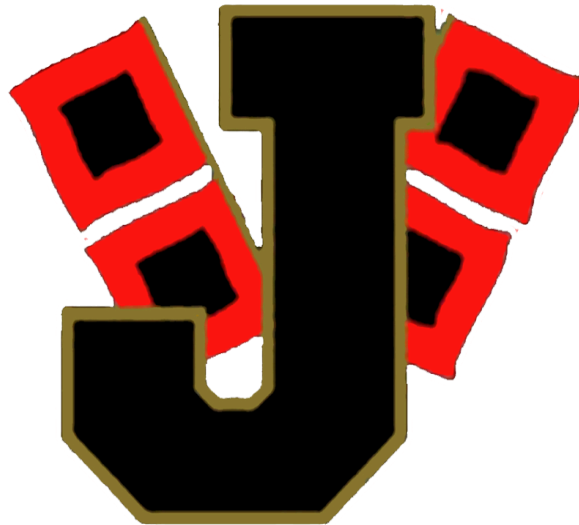
A committee of Jonesboro School Employees will determine the Academy speakers and notify those students.

## **ADVANCED PLACEMENT COURSES**

Weighted credit will only be awarded for each semester if the student completes the AP exam at the end of the year. Possible college credit is awarded by the college and is based on the exam score.

## **CLASSIFICATION OF STUDENTS**

10th Grade – 5.5 credits (Must include 1 credit each for English 9 and Math)  
11th Grade – 11 credits  
12th Grade – 16.5 Credits  
Graduation – 23 Credits



### GRADUATION REQUIREMENTS FOR THE ACADEMIES AT JONESBORO HIGH SCHOOL

All students shall successfully complete the following requirements to be eligible for graduation from Jonesboro Public Schools:

#### REQUIRED SUBJECTS-17 UNITS

English.....	4 credits
Mathematics.....	4 credits
(One unit of Algebra I, one unit of Geometry and one unit of Algebra 2 are required).	
Science.....	3 credits
(One unit Physical Science, one unit Biology)	
Social Studies.....	3 credits
Required units:	
½ unit of Civics and ½ unit of Economics with personal finance	
One unit of World History	
One unit of American History	
Oral Communication.....	1/2 credit
Physical Education.....	1/2 credit
Health & Safety.....	1/2 credit
Fine Arts.....	1/2 credit
Computer Science.....	1 credit
Required Subjects.....	17 credits
Career Focus.....	6 credits

NOTE: In order to ensure that every child has access to a rigorous curriculum effective with the graduating class of 2010, the Smart Core curriculum and Core curriculum will be a standard component of the required course of study to graduate from Arkansas schools. All students will participate in the Smart Core curriculum unless the parent or guardian waives a student's right to participate. In the case of a waiver, the student will be required to participate in Core.

#### Additional Graduation Requirements:

- Digital Course for Credit
- Pass the Arkansas Civics Exam
- Complete hands-on CPR Training
- 75 Hours of Community Service (Beginning with the Class of 2027)

# **JONESBORO PUBLIC SCHOOLS 9-12**

## **COURSE DESCRIPTIONS FOR GRADUATION REQUIREMENTS**

### **LANGUAGE ARTS**

*Four units of English are required for graduation. Courses in journalism, drama or debate will not serve as a substitute for English.*

#### **ENGLISH 9**

**410000**

**Credit: 1 year, 1 unit**

In regular English course, students will review grammar and usage, literature (short stories, novels, drama, and poetry), writing, and vocabulary studies. An independent reading program and critical thinking exercises are also provided for skills extension and personal enrichment. Oral expression is encouraged through group projects, formal debates, and the sharing of individual written assignments.

#### **HONORS ENGLISH 9**

**41000P**

**Credit: 1 year, 1 unit**

The Honors English course is designed for highly motivated students. The course serves as a continuation of the advanced program developed in the 7th and 8th grade. A balance is maintained in reading, literature, composition, grammar mechanics, and usage, and the students are given the opportunity to begin their study of language and composition skills at an advanced level. The literature studies are designed to cultivate analytical higher level thinking skills. Students will practice critical thinking, compositional structure and in-depth literary analysis including classical and dramatic texts. Emphasis is also placed on the research, persuasive argument and formal debate in preparation for success in advanced placement classes and higher education.

#### **ENGLISH 10**

**411000**

**Credit: 1 year, 1 unit**

*Prerequisite: English 9*

Students entering the tenth grade will build on Reading, Writing, and Speaking skills throughout the year. Students will read fiction, non-fiction, plays, articles, and novels to help them build Reading fluency and stamina. Students will be expected to write pieces in a variety of lengths and styles to show their ability and growth. Classes will analyze, discuss, and comment on a variety of topics and subjects as they discover more about Literature and the impact that Literature has on them today.

#### **HONORS ENGLISH 10**

**41100P**

**Credit: 1 year, 1 unit**

Honors Sophomore English will prepare students for AP English Language and Composition in the 11th grade. This class will include a reading program dealing with novels, dramas, poetry, and basic literary selections, as well as a writing program teaching students to think and write analytically about literature. Selection is based on teacher recommendation (regular attendance, diligence, motivation, and behavior).

#### **ENGLISH 11**

**412000**

**Credit: 1 year, 1 unit**

*Prerequisite: English 10*

English 11 provides an overview of American literature in chronological order. The evolution of our national literary heritage is traced to develop a concept of how political and social pressure has affected the work of foremost authors. Composition assignments based on the material studied - stress the techniques of the three point theme. Through the course, emphasis is placed on appropriate study techniques for each genre and the improvement of language skills, such as spelling, sentence construction, and vocabulary.

#### **AP ENGLISH LITERATURE AND COMPOSITION (11)**

**517040**

**Credit: 1 year, 1 unit**

*Student is required to take the National AP exam.*

This is a college level introductory course in the reading and critical analysis of literature. The course is concerned with language as a symbolic process and with literature as experience preserved in symbols. Enrollment is limited and selection is based on previous English course grades, teacher recommendations, verbal scores on standardized tests, and an impromptu essay. Summer reading is a requirement. This course will culminate in the Advanced Placement examination given in early May. An AP contract that outlines course requirements must be signed by both the student and parents/guardians and the guidelines within will be strictly enforced. *Special Information: Students meeting requirements on AP test score may earn concurrent credit through many colleges for AP Literature and Composition ENG2003/ENG2013.*

**ENGLISH 12****413000****Credit: 1 year, 1 unit***Prerequisite: English 11*

Senior English provides a close study of necessary English skills which will assist students as they enter the workforce, trade school, or university. Skills such as note taking, close reading, reading comprehension, writing for a specific task, and revising are all taught, building on the learning the students have acquired previously. Through novels, short stories, news articles, biographies, projects, and essays, students will grow and improve the key skills. An overall theme of survival ties together the entire year as Seniors learn what skills are needed to make it after high school.

**AP ENGLISH LANGUAGE AND COMPOSITION 12****517030****Credit: 1 year, 1 unit***Student is required to take the National AP exam.*

Advanced Placement English Language and Composition is a college level survey of language, style, and rhetoric taught in a high school setting to students of above average aptitude and motivation. An extensive amount of reading and writing assignments, including a research paper, will be required. The course will culminate in the Advanced Placement examination, traditionally given in May. An AP contract that outlines course requirements must be signed by both the student and parents/guardians and the guidelines within will be strictly enforced.

**FRESHMAN COMPOSITION I/II (ASU CONCURRENT COURSE) 519940****Credit: 1 year, 2 unit***Prerequisite for Both: ACT Composite of 19 and a 19 in English and Reading on the ACT; acceptance to ASU; \$120 course fee and one time \$15 registration fee.*

Prerequisite for Freshman Composition II: A "C" or better in Freshman Composition I

This course is a college concurrent writing class. Students who enter this course will explore all modes of writing as a means to prepare themselves for the various writing demands presented in college. Freshman Composition I will focus on shorter papers and forms such as narratives and arguments. Freshman Composition II will focus on research and writing. This course can count as a substitute for English 12 and if passed with a "C" or higher, the student will receive college credit.

**WORLD LITERATURE (ASU CONCURRENT COURSE)****519900****Credit: 1 year, 2 units**

World Literature I is an "introduction to the analysis and interpretation of literary works from several historical periods ranging from early civilizations through the Renaissance" (Undergraduate Bulletin). World Literature II has the same premise, but we look at works from the Renaissance to present.

# **MATHEMATICS**

## **ALGEBRA I (9)**

**430000**

**Credit: 1 year, 1 unit**

Algebra I is the foundation for all higher mathematics courses. The course emphasizes the acquisition of algebraic concepts and skills including the study of real numbers, polynomials, rational expressions, problem solving skills, graphing, and solutions of equations and inequalities. Algebra I is a prerequisite for Algebra II. Algebra I taken in 8<sup>th</sup> grade will count as one math credit toward graduation.

## **HONORS GEOMETRY (9)**

**43100P**

**Credit: 1 year, 1 unit**

Honors Geometry is designed for highly motivated and capable students. This course moves at a fast pace and explores in-depth problems of traditional Geometry.

## **GEOMETRY (10-12)**

**431000**

**Credit: 1 year, 1 unit**

*Prerequisite: Algebra I*

Geometry stresses the development of logical thinking skills and is the link between algebra and higher mathematics. Geometry is a graduation requirement.

## **ALGEBRA II (10-12)**

**432000**

**Credit: 1 year, 1 unit**

*Prerequisite: Algebra I*

This course is designed to equip students with a working knowledge of algebra skills needed for Pre-Calculus w/Trig and College Algebra.

## **HONORS ALGEBRA II (10-12)**

**43200P**

**Credit: 1 year, 1 unit**

This course is designed to equip college bound students with a working knowledge of the algebra skills needed for Pre-Cal w/Trig, Calculus, and College Algebra.

## **ALGEBRA III (12)**

**439070**

**Credit: 1 year, 1 unit**

*Prerequisite: Algebra II, Geometry*

Algebra III is a course for seniors who have completed Algebra II and Geometry. Attention is given to standardized test preparation as well as preparation for College Algebra.

## **QUANTITATIVE REASONING (12)**

**439120**

**Credit: 1 year, 1 unit**

*Prerequisite: Algebra 1, Algebra 2, Geometry*

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.

## **PRE-CALCULUS w/TRIGONOMETRY (11-12)**

**433000**

**Credit: 1 year, 1 unit**

*Prerequisite: Algebra I, Algebra II, Geometry*

This course is designed to prepare students for entry into post-secondary mathematics courses. Elementary and trigonometric functions are studied from graphical, analytical and numerical approaches.

**AP PRECALCULUS (10-12)****533030****Credit: 1 year, 1 unit**

Taking AP Precalculus prepares you for other college-level mathematics and science courses. During the course, you'll explore everyday situations using mathematical tools and lenses. You'll also develop an understanding of modeling and functions, and examine scenarios through multiple representations.

**AP CALCULUS AB (12)****534040****Credit: 1 year, 1 unit**

*Students are required to take the national AP exam.*

AP Calculus is an advanced math course for the serious math student who plans to pursue mathematics or a related field after high school graduation. This course is equivalent to a college level Calculus I course. Emphasis is placed on limits, differential calculus, and simple integral calculus of polynomial, logarithmic, and trigonometric functions.

**COLLEGE ALGEBRA (11-12)****53990F****Credit: 1 Semester, 1 unit (3 hours credit from ASU)**

*Prerequisite: Algebra II and Geometry; admission is established by Arkansas State University, based on 19 ACT score and a 19 in math. \$120 fee and a one-time \$15 registration fee as well as admission to ASU are required for this course.*

College Algebra is an overview of the fundamental concepts of algebra. Topics include linear and quadratic equations and inequalities, the Cartesian plane and graphing, functions and graphs, polynomial and rational functions, exponential and logarithmic functions, systems of equations, and matrices. This class is taught on campus at Jonesboro High School.

**AP STATISTICS (11-12)****539030****Credit: 1 year, 1 unit**

*Students are required to take the national AP exam.*

The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students who successfully complete the course and exam may receive credit, advanced placement, or both for a one-semester introductory college statistics course. It is recommended that the student have concurrent enrollment in Pre-Cal w/Trig, College Algebra or Calculus.



## **SCIENCE**

### **PHYSICAL SCIENCE INTEGRATED (9)**

**423000**

**Credit: 1 year, 1 unit**

Physical Science focuses on the study of matter and energy as an introductory course which provides basic concepts required for the study of chemistry and physics. Topics studied will include: motion, force, energy, light, sound waves, heat, electricity, atomic structure, periodic table, chemical reactions, properties of matter, and chemical formulas.

### **HONORS PHYSICAL SCIENCE (8-9)**

**42300P**

**Credit: 1 year, 1 unit**

The Honors Physical Science course is designed for highly motivated and capable students whose intention is to study AP Chemistry and AP Physics. Honors Physical Science will focus on the study of matter and energy and will make serious inquiries into the following areas of science: motion, force, energy, light, sound waves, heat, electricity, atomic structure, periodic table, chemical reactions, properties of matters, and chemical formulas. A balance will be struck between acquiring a thorough understanding of fundamental physical science theory and developing competency with basic physical science experiments. Honors Physical Science will also require a student to be proficient in writing his/her understandings of required coursework, participation in science fair, developing a research paper and a display of research.

### **HONORS BIOLOGY (9-10)**

**42000P**

**Credit: 1 year, 1 unit**

Biology is the study of living organisms, how they survive, reproduce, and interact with each other and their environment. This course provides enrichment and acceleration for students with special interests in science and math, and prepares them to take Advanced Placement Biology as a junior or senior. The Honors Biology curriculum differs from the regular biology curriculum in pace and scope of topics covered. The Honors course places a higher priority on developing critical thinking skills, examines topics with more depth and includes more advanced resource materials. Laboratory investigations play more prominent roles and are more sophisticated than in the regular curriculum.

### **INTEGRATED BIOLOGY (10)**

**420000**

**Credit: 1 year, 1 unit**

*Prerequisite: Physical Science*

This is the standard sophomore course which satisfies the biology requirement for graduation. Biology investigates the major themes of biological life: the nature of the cell, the chemistry of living systems, inheritance and a study of DNA, plant and animal classification, and plant and animal anatomy and physiology. It is the study of living organisms and their relationships to each other and the environment.

### **AP BIOLOGY (10-12)**

**520030**

**Credit: 1 year, 1 unit**

The AP Biology course is designed to be the equivalent of a two-semester college introductory biology course. This course differs from the usual first high school course in biology with respect to the kind of textbook used, the range and depth of topics covered, the type of laboratory work done by students and the time and effort required of students. AP Biology is designed to be taken by students after successful completion of a first course in high school biology and one in high school chemistry as well. AP biology is a challenging class that aims to provide students with conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. An AP contract that outlines course requirements must be signed by both the student and parents/guardians and the guidelines within will be strictly enforced.

### **INTEGRATED CHEMISTRY (11-12)**

**421000**

**Credit: 1 year, 1 unit**

*Prerequisite: Completion or concurrent enrollment in Algebra II*

Chemistry I is an introductory course in chemistry for students who are college bound. This course is a laboratory investigative approach to the understanding of chemistry as a science. Students will gather information related to the structure of matter and will seek to arrange this information into meaningful patterns. Strong emphasis is placed upon reasoning and problem-solving. The topics covered include the structure and properties of matter and how they are measured, chemical laboratory techniques, atomic structure and chemical bonding, chemical quantities and equations, and the use of the periodic table. Concepts are presented through lecture, class discussion, demonstrations, and activities. Laboratory experiments are designed to demonstrate chemical principles covered in classroom work. Use of basic algebra is an essential part of this course.

**HONORS CHEMISTRY (10-11)****42100P****Credit: 1 year, 1 unit***Prerequisite: Completion of Algebra II*

Honors Chemistry is an introductory course in chemistry for students who are college bound and who plan to enroll in Advanced Placement Chemistry as seniors. The content of the course is similar to Chemistry I but topics are covered in greater depth and the pace of the class is more accelerated. Students will learn the facts, formulas and principles that compose the standard high school chemistry curriculum; they will understand the basic concepts underlying those facts, formulas and principles; and they will develop the critical thinking and problem solving skills needed for success in Advanced Placement Chemistry and other challenging courses. Strong emphasis is placed on laboratory skills.

**AP CHEMISTRY (10-12)****521030****Credit: 1 year, 1 unit***Students are required to take the national AP exam.*

Students in AP Chemistry will attain a depth of understanding of fundamental chemical concepts and a competence in dealing with chemical problems using problem-solving techniques and critical thinking skills. This course involves an in-depth study of fundamental chemical laws and theories with a realistic balance between theory and application in the study of structure of matter, chemical reactions, equilibrium, kinetics, descriptive chemistry and chemical analysis. Strong emphasis is placed on experimentation and research techniques. An AP contract that outlines course requirements must be signed by both the student and parents/guardians and the guidelines within will be strictly enforced.

**PHYSICS (10-12)****422010****Credit: 1 year, 1 unit***Prerequisite: Physical Science, Algebra I and Geometry*

Physics should ground students in the five traditional areas of Physics (Newtonian mechanics, thermodynamics, optics, electricity and magnetism, and quantum mechanics) as well as the nature of science. It should provide the knowledge base needed for many college programs. Students should be expected to use higher level mathematics and collect and analyze data. Instruction and assessment should include both appropriate technology and the safe use of laboratory equipment.

**AP PHYSICS 1 (11-12)****522080****Credit: 1 year, 1 unit**

The AP Physics course includes topics in both classical and modern physics. A knowledge of algebra and basic trigonometry is required for the course. Understanding of basic principles involved and the ability to apply these principles in the solution of problems will be the major goals of the course. AP Physics B will provide instruction in each of the following five content areas: Newtonian mechanics, fluid mechanics and thermal physics, electricity and magnetism, waves and optics, and atomic and nuclear physics. An AP contract that outlines course requirements must be signed by both the student and parents/guardians and the guidelines within will be strictly enforced.

**AP ENVIRONMENTAL SCIENCE (11-12)****523030****Credit: 1 year, 1 unit**

AP Environmental Science is designed to be the equivalent of a one semester, college environmental science course. This course has been developed as a rigorous scientific course that stresses scientific principles and analysis of interrelationships in the natural world and environmental issues that face today's world. This course does contain a lab component.

**ENVIRONMENTAL SCIENCE (10-12)****424020****Credit: 1 year, 1 unit**

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

# **SOCIAL STUDIES**

## **CIVICS (9)**

**472000**

**Credit: 1 semester, ½ unit**

Civics is the study of the structure of American government with a focus on the U.S. Constitution, and the organization and operation of government at the national, state, and local levels. It also includes a study of law and the legal system, and foreign policy.

## **ECONOMICS (9)**

**474300**

**Credit: 1 semester, ½ unit**

Economics is the study of the global economy with special emphasis given to the free enterprise system of the United States. Topics covered include a study of economic systems, global interdependence, personal finance, the role of government in the economy, supply and demand, and the free enterprise system.

## **HONORS CIVICS (9)**

**47200P**

**Credit: 1 semester, ½ unit**

Honors Civics is a course designed for highly motivated and capable students whose intention is to study AP World History, AP Government and/or AP American History. Honors Civics studies the structure of American government and will require of a student an in-depth mastery of knowledge of the U.S. Constitution and the organization and operation of government at the national, state, and local levels. Honors Civics will also require a student's mastery of a basic understanding of the American legal system and of U.S. foreign policy. In addition, Honors Civics will require a student to be proficient in writing and understandings of required course work.

## **HONORS ECONOMICS (9)**

**47430P**

**Credit: 1 semester, ½ unit**

Honors Economics is a course designed for highly motivated and capable students whose intention is to study AP World History, AP Government, and/or AP American History. Honors Economics is the study of the global economy with special emphasis given to the free enterprise system of the United States. Topics covered include a study of economic systems, global interdependence, personal finance, the role of government in the economy, supply and demand, and the free enterprise system.

## **WORLD HISTORY (10)**

**471000**

**Credit: 1 year, 1 unit**

World History is a requirement for graduation. This course provides an in-depth study of the events and forces which have shaped human life since the beginning of recorded history. The events and forces studied are political, social, or economic in nature. World History will examine such disciplines as the arts, science, religion, and philosophy in an attempt to present a comprehensive study of man's development

## **HONORS WORLD HISTORY (10)**

**47100P**

**Credit: 1 year, 1 unit**

World History is a requirement for graduation. This course provides an in-depth study of the events and forces which have shaped human life since the beginning of recorded history. The events and forces studied are political, social, or economic in nature. World History will examine such disciplines as the arts, science, religion, and philosophy in an attempt to present a comprehensive study of man's development. This course is designed for the dedicated student who wishes to pursue AP United States History in the Junior year.

## **AP WORLD HISTORY (10-12)**

**571020**

**Credit: 1 year, 1 unit**

*Special Information: Students with a 19 ACT score and a 19 in reading prior to January have the option of earning concurrent credit through ASU for World Civilizations HIST 1013 during 2<sup>nd</sup> semester only. \$120 course fee, \$15 one-time registration fee and acceptance to ASU is required if the concurrent option is chosen.*

AP World History is an extremely intensive college level course designed to give students factual knowledge on the evolution of human society. Students will also enhance analytical skills by interpreting historical evidence to understand change and continuity in global process. This course is demanding and requires a serious commitment of time beyond the normal class period. The course will culminate with the AP examination traditionally given in May.

## **AP AFRICAN AMERICAN HISTORY (10-12)**

**679000**

**Credit: 1 year, 1 unit**

AP African American Studies is an interdisciplinary course that examines the diversity of African American experiences through direct encounters with authentic and varied sources. Students explore key topics that extend from early African kingdoms to the ongoing challenges and achievements of the contemporary moment. Given the interdisciplinary character of African American studies, students in the course will develop skills across multiple fields, with an emphasis on developing historical, literary, visual, and data analysis skills. This course foregrounds a study of the diversity of Black communities in the United States within the broader context of African and the African diaspora.

**AMERICAN HISTORY (11)****470000****Credit: 1 year, 1 unit**

American History is required for graduation. This course is a study of our historical heritage with emphasis being placed on that period from the Reconstruction Period after the Civil War to the present. This course will center on a chronological study of various social, political, and economic events, which have shaped our nation's history.

**AP UNITED STATES HISTORY (11-12)****570020****Credit: 1 year, 1 unit**

*Special Information: Students with a 19 ACT score and a 19 in reading prior to August have the option of earning concurrent credit through ASU for US History HIST 2763/HIST2773. \$120 course fee, \$15 one-time registration fee and acceptance to ASU is required if the concurrent option is chosen.*

The AP United States History program is designed to provide students with analytical skills and factual knowledge necessary to deal critically with the problems and materials in U.S. History. Students should learn to assess historical materials - their relevance to given interpretive problems, their reliability, their importance - and to weigh the evidence and interpretations presented in historical scholarship. This course is extremely demanding and requires a serious commitment of time beyond the normal class period. The course will culminate in the Advanced Placement examination traditionally given in May. An AP contract that outlines course requirements must be signed by both the student and parents/guardians and the guidelines within will be strictly enforced. *Special*

## **FOREIGN LANGUAGES**

### **SPANISH I (8-12)**

**440000**

**Credit: 1 year, 1 unit**

Spanish I is the study of elementary spoken and written Spanish. Early listening, speaking, reading and writing skills are taught. Cultural aspects of Spanish life are discussed.

### **SPANISH II (9-12)**

**440020**

**Credit: 1 year, 1 unit**

*Prerequisite: Spanish I*

Spanish II continues to emphasize the spoken and written language while presenting a broader vocabulary and more complex grammar to improve comprehension and skills of the students. Class discussions can be conducted in the target language!

### **HONORS SPANISH III (10-12)**

**44003P**

**Credit: 1 year, 1 unit**

*Prerequisite: Spanish II*

Honors Spanish III focuses on interpretive and interpersonal language skills in the target language to further expand student's abilities to communicate. Students will use academic Spanish and demonstrate presentational skills. Culturally relevant material will be incorporated throughout the course.

### **AP SPANISH LANGUAGE (11-12)**

**540070**

**Credit: 1 year, 1 unit**

*Prerequisite: Spanish III*

AP Spanish Language will continue the themes of Spanish III and advance the student's communication skills. Real-life material and experiences will be used to relate Spanish culture such as arts, science, familiar, and international events. An AP contract that outlines course requirements must be signed by both the student and parents/guardians and the guidelines within will be strictly enforced.

### **AP SPANISH LITERATURE (11-12)**

**540080**

**Credit: 1 year, 1 unit**

The AP Spanish Literature and Culture course introduces students to texts from Peninsular Spanish, Latin American, and United States Hispanic literature. The course focuses on critical reading and analytical writing skills. Literature is examined within the context of its time and place. The course also includes a strong focus on cultural connections and comparisons, including exploration of various media (e.g., art, film, articles, and literary criticism).

### **FRENCH I (10-12)**

**441000**

**Credit: 1 year, 1 unit**

French is the study of elementary spoken and written French. Early reading, writing, comprehension, and listening skills are taught, as well as grammar foundations. Various Francophone cultures are introduced and discussed in English.

### **FRENCH II (10-12)**

**441010**

**Credit: 1 year, 1 unit**

French II continues to emphasize the spoken language while improving the comprehension and writing skills of the student. Class discussions are conducted in both English and French. Participation in the target language is strongly encouraged. Francophone history and literature are introduced, and the study of Francophone cultures is reinforced.

### **FRENCH III (11-12)**

**441030**

**Credit: 1 year, 1 unit**

Third level French allows the student to improve language proficiency while broadening their grammar foundations. The majority of the class discussions are conducted in French. Francophone history and literature are reinforced.

## **HEALTH/PHYSICAL EDUCATION**

### **KEYSTONE (9)**

**493850**

**Credit: 1 semester, ½ unit**

*This is a required class for all 9<sup>th</sup> grade students.*

The Keystone course is designed to help ninth graders successfully navigate high school. Students will receive instruction on study skills, time management, and goal setting strategies. Students will receive guidance in investigating their own interests and aptitudes in relation to possible careers and will begin developing a flexible education plan including selection of their academy of choice for attendance at The Academies at Jonesboro High School and post secondary studies or technical training. This transition course will create a sense of belonging among students by having them become productive citizens of their school and the community.

### **HEALTH (9-12)**

**480000**

**Credit: 1 semester, 1/2 unit**

*Health is required for graduation.*

Basic health is a course which offers information for healthy living. The course is designed to provide each student with an awareness of his own health needs and habits, and an understanding of the importance of health knowledge, attitudes, and habits. The course includes: the study of wellness, conflict resolution and preventing violence, growth and development, communicable and non-communicable diseases, sexually transmitted diseases and aids, and the effects of tobacco, alcohol, and drugs.

### **PERSONAL FITNESS 4 LIFE (9-12)**

**485010**

**Credit: 1 semester, ½ unit**

This course includes a planned curriculum that provides content and learning experiences in motorskills and movement concepts as they apply to physical activity, health-related physical fitness, and lifetime sports and recreation.

### **RECREATIONAL SPORTS AND ACTIVITIES (9-12)**

**485020**

**Credit: 1 semester, ½ unit**

This course includes a planned curriculum that provides content and learning experiences in motorskills and movement concepts as they apply to physical activity, health-related physical fitness, and lifetime sports and recreation.

### **OUTDOOR PURSUITS (9-12)**

**485030**

**Credit: 1 semester, ½ unit**

Outdoor Pursuits is a one-semester course which includes a planned curriculum that provides content and learning experiences in basic motor skills and movement concepts as they apply to outdoor physical activity, lifetime sports, and recreational activities. Students will participate in outdoor activities that will increase physical fitness levels and develop health practices that value outdoor physical activity and its contribution to lifelong fitness. This course fulfills the PE requirement for graduation.

## **SPECIAL NEEDS PROGRAMS**

### **CO-TEACHING ENGLISH (9-12)**

**Credit: 1 year, 1 unit**

Co-teaching English involves participation in a regular education setting with both a regular education teacher and a learning specialist. Students progress through the regular education English curriculum with assistance as needed.

\*Enrollment requires referral from a learning specialist.

### **RESOURCE ENGLISH (9-12)**

**Credit: 1 year, 1 unit**

Resource English at all levels focuses on formal grammar, written composition, and literature. Various activities are utilized to enrich learning and encourage student participation through discussion and group work.

### **CO-TEACHING BIOLOGY (10-12)**

**Credit: 1 year, 1 unit**

Co-teaching Biology involves participation in a regular education setting with both a regular education teacher and a learning specialist. Students progress through the regular education Biology curriculum with assistance as needed.

\*Enrollment requires referral from a learning specialist.

### **RESOURCE SCIENCE (9-12)**

**Credit: 1 year, 1 unit**

Students will rotate through studies in the areas of Biology and/or Earth Science/Physical Science

### **RESOURCE SOCIAL STUDIES (9-12)**

**Credit: 1 year, 1 unit**

Students will rotate through studies in the areas of World History, American History, and/or Government.

### **RESOURCE MATH (9-12)**

**Credit: 1 year, 1 unit**

Students will receive instruction in basic Math skills such as Consumer Math and work related Math.

### **LIFE SKILLS PROGRAM (9-12)**

**Credit: 1 year, 1 unit**

*Prerequisite: previous service in a self-contained 1:10 classroom. Special Information: this program of studies is by assignment only.*

Life Skills Program prepares students to function as independently as possible in four major domains: daily living skills, prevocational skills, functional academics, and adaptive behavior. Emphasis is placed on transition from school to community.

### **BASIC LIFE SKILLS (9-12)**

**Credit: 1 year, 1 unit**

*Prerequisite: previous service in a self-contained 1:15 classroom. Special Information: this program of studies is by assignment only.*

The Basic Life Skills Program provides basic academic instruction in the areas of English, Math, Science, and Social Studies. A block of time is also allotted to instruction in functional areas of student need.

### **TRANSITION/WORK STUDY (11-12)**

**Credit: 1 year, 1 unit**

*Students must apply and meet eligibility requirements for admission into program.*

This program is designed to prepare students for success in the workforce. This is a 1 to 2 year program that is taught by Career Counselors from Job Path, an affiliate of AR Rehabilitation Services. Classes are designed to teach students soft skills, research skills, interview techniques, resume building, forms completion (applications, W-4s, etc.). Students will be given paid work experiences in the field of their choice. Work hours (up to 10 per week) will be after school or on weekends.

## English Language Development (ELD) Courses

### **ELD 1**

**596600**

**Credit: 1 year, 1 unit**

*Prerequisite: No Pre-requisite; Students are placed according to several data and factors*

ELD 1 provides a safe environment for non-native English speakers to gain the necessary skills and proficiencies to achieve success in their new environment. Beginning level of English learners communicate about a range of topics and academic content areas through listening, speaking, reading, and writing activities that target high-level thinking with appropriate support.

### **ELD 2**

**596610**

**Credit: 1 year, 1 unit**

*Prerequisite: No Pre-requisite; Students are placed according to several data and factors*

ELD 2 provides a sequential course to provide English language learners with the functional English necessary to successfully engage in a rigorous high school course of study. The course moves toward using the English language in more complex, cognitively demanding situations.

### **ELD 3**

**596620**

**Credit: 1 year, 1 unit**

*Prerequisite: No Pre-requisite; Students are placed according to enrollment requirements*

ELD 3 provides a sequential course content for students who are nearing reasonable fluency in English with increasing independence by learning and communicating about a range of topics and academic content areas through listening, speaking, reading and writing activities that target high-level thinking with interactive instruction and activities, a print-rich environment, and public speaking experiences in order to prepare students for mainstream English and other content classes.

### **ELD 4**

**596630**

**Credit: 1 year, 1 unit**

*Prerequisite: No Pre-requisite; Students are placed according to enrollment requirements*

ELD 4 has a primary purpose to prepare students to be well-rounded global citizens who can communicate effectively in English and are aware of the cultural influences of their heritage at home. The course focuses on developing proficiency in English through explicit language instruction and practice and on critical reading, academic writing, and presentational skills and strategies.



## **SUGGESTED COURSES FOR THE ACADEMY OF BUSINESS, COMMUNICATION ARTS, AND LAW**

*A student who has completed three units of credit in grades 9-12 including all the required core courses in a career focus/program of study and graduated from high school will be considered a Program Completer. If core classes are taught below ninth grade level, they may fulfill the course requirement for completer status, however three units must be taken during grade 9-12.*

*Students who obtain the completer status will be recognized at a Completer banquet each spring. Programs of Study offered in the Business department of The Academies of Jonesboro High School are: Accounting, Banking, Marketing Technology and Research, Medical Office Administration, Office Administration, Social Media and Communications, and Television Production.*

### **SURVEY OF BUSINESS (9-12)**

**492120**

**Credit: 1 year, 1 unit**

*Note: This is the base course for many programs of study completer status.*

This is a two-semester course designed to prepare students with an introduction to business applications using Microsoft Office software 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. This is a one year course and is not intended to be taken for 1 semester.

### **PRINCIPLES OF BANKING (10-12)**

**492090**

**Credit: 1 year, 1 unit**

Principles of Banking provides an introduction to banking services and financial institutions. Students will study principles of banking transactions and the services of a bank. Topics include: soft skills in the workplace, history of banking, federal reserve, banking laws, ethics, and banks as business, banking services, bank security, ten-key touch, and banking transactions. The prerequisite for this course is Survey of Business.

### **Advanced Banking (10-12)**

**490860**

**Credit: 1 year, 1 unit**

*Prerequisite: Principles of Banking*

This two-semester course addresses all aspects of consumer and commercial lending as well as financial and insurance statements. Other topics addressed in this course include managing loan files, assessing risk in lending, understanding issues of regulation and compliance, bankruptcy, credit reports, and appraisals.

### **DIGITAL SALES AND MARKETING (10-12)**

**492760**

**Credit: 1 year, 1 unit**

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 video conferencing, cloud-based collaboration, and learn and practice other workplace related communication technologies and channels. Students will apply verbal and non-verbal 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.

### **BUSINESS PROCEDURES (10-12)**

**492380**

**Credit: 1 year, 1 unit**

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

### **Community Service Learning (10-12)**

**496010**

**Credit: 1 year, 1 unit**

Community Service Learning is a course with an emphasis on peer mentoring and community service involvement. High school students are trained through an approved curriculum as peer mentors and community service providers. Seventy-five (plus) community service hours will be earned. This course provides leadership hours needed for many scholarships; as well as, an elective course for credit toward graduation.

### **BUSINESS LAW I/II (10-12)**

**492070/492080**

**Credit: 1 year, 1 unit**

Business Law I is a one-semester course designed to acquaint the student with the many applications of law governing our business and personal affairs in today's legal environment and dynamic marketplace. It is a study of the many relationships that exist, defining our rights and responsibilities associated with each, according to generally accepted principles of law. Business Law I covers the history and evolution of our law, its purposes, how laws may be classified, the rights of individuals, and where the law may be found.

Topics will include criminal law, civil (tort) law, enforcement procedures and the courts, regulatory law for business firms, consumer protection, and contract law.

**MARKETS AND ANALYTICS (10-12)**

**492800**

**Credit: 1 year, 1 unit**

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

**Media Communications (10-12)**

**493680**

**Credit: 1 year, 1 unit**

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

**Digital Cinema Productions I (11-12)**

**493420**

**Credit: 1 year, 1 unit**

*Prerequisites: Media Communications*

The core course will provide an understanding of production principles and experience with the video camera, lighting instruments and techniques, microphones, script creation, and editing. Students will perform assignments on camera as well as studio and control room duties.

**Digital Cinema Productions II (12)**

**493430**

**Credit: 1 year, 1 unit**

*Prerequisites: Media Communications and Digital Cinema Productions I*

This independent production-based program is designed to allow the student to master the knowledge and skills needed to begin a successful television career.

**JOURNALISM I (10-12)**

**415000**

**Credit: 1 year, 1 unit**

Journalism Theory is designed to present an overview of the print media with some experiences involving the broadcast media. Skills necessary in reporting the news fairly, accurately, and skillfully are emphasized. Students in this course will produce an online School newspaper.

**JOURNALISM II-IV (10-12)**

**415000**

**Credit: 1 year, 1 unit**

**JOURNALISM II (415010), JOURNALISM III (415020), JOURNALISM IV (415030)**

Journalism II-IV may be taught within the same class period; however, the student learning expectations for each level are different and must be addressed. Journalism II is a two-semester course designed to provide students with an intermediate study of media applications above Journalism I. This course can serve as further preparation for advanced media applications. Students in Journalism II will become active participants in the world of media to enhance their communication skills. Students will progress in their academic knowledge through the roles of reporters, photographers, ad sales, and marketing team members. Writing, technology, and visual and electronic media are used as tools for learning as students create, assess, and produce.

**INTRODUCTION TO CRIMINAL JUSTICE (10-12)**

**494620**

**Credits: 1 year, 1 unit**

The mission of the Criminal Justice program of study is to introduce students to careers in law enforcement and related careers. The instructional program prepares students to perform the duties of police and public security officers including witness interviewing, evidence collection and management, and basic crime prevention methods. An overview of the crime scene investigation process is gained by obtaining the skills necessary to properly recognize the document collection process and how evidence is properly preserved. Also, patrol and investigative activities, traffic control, crowd control, and public relations skills are emphasized in the courses of study in criminal justice. Students enrolled in the criminal justice program (Intro, CSI and Criminal Law) also receive CPR certification (\$17 fee, price may change). NOTE: Due to the nature of law enforcement some material may be of a graphic nature. Student conduct is a CRITICAL element for every student enrolling in this course. Due to the sensitive nature of the course content and associated activities, students will NOT be considered for enrollment in this course with excessive behavior referrals or other possible detrimental behavior or actions. This is a one year course of study.

**FOUNDATION OF LAW ENFORCEMENT (10-12)****494630****Credits: 1 year, 1 unit**

This course is designed to teach students the necessary background and practical skills to function as law enforcement officers. Topics reviewed in lecture and in applied exercises include administration of justice, basic law and procedures and patrol functions.

**CRIME SCENE INVESTIGATION (10-12)****494600****Credits: 1 year, 1 unit**

The purpose of this instructional program is to prepare students to process crime scenes and perform the duties of a crime scene investigator. The course provides students with methods and procedures employed in a crime scene investigation from discovery of evidence to its presentation in courts of law. Topics include how to secure a crime scene, how to recognize various types of forensic evidence, how to collect and preserve evidence, maintain chain of custody and avoid contamination of physical evidence and biological specimens. Students enrolled in the criminal justice program (Intro, CSI and Criminal Law) also receive CPR certification (\$17 fee, price may change). NOTE: Due to the nature of a crime scene some material may be of a graphic nature. Student conduct is a CRITICAL element for every student enrolling in this course. Due to the sensitive nature of the course content and associated activities, students will NOT be considered for enrollment in this course with excessive behavior referrals or other possible detrimental behavior or actions. This is a one year course of study.

**AP GOVERNMENT (11-12)****572010****Credit: 1 year, 1 unit**

Advanced Placement Government is a college level course that will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. politics. The course will culminate with the AP examination traditionally given in May. An AP contract that outlines course requirements must be signed by both the student and parents/guardians and the guidelines within will be strictly enforced.

**AP COMPARATIVE GOVERNMENT (11-12)****579180****Credit: 1 year, 1 unit**

AP Comparative Government and Politics is an introductory college-level course in comparative government and politics. The course uses a comparative approach to examine the political structures; policies; and political, economic, and social challenges of six selected countries: China, Iran, Mexico, Nigeria, Russia, and the United Kingdom. Students cultivate their understanding of comparative government and politics through analysis of data and text-based sources as they explore topics like power and authority, legitimacy and stability, democratization, internal and external forces, and methods of political analysis.

**Media Communications (10-12)****493680****Credit: 1 year, 1 unit**

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

**Advertising and Graphic Design I****494150****Credit: 1 year, 1 unit**

*Prerequisites: Media Communications*

This is a core course emphasizing the integration of computer skills and knowledge of software used in the marketplace

**Advertising and Graphic Design II****494170****Credit: 1 year, 1 unit**

*Prerequisites: Media Communications and Advertising and Graphic Design I*

Advertising and Graphic Design II takes the best, most important and relevant components of Advertising and Graphic Design Introduction and Intermediate courses, and expands them for the serious third year student. Each component is flexible and can be implemented throughout the school year, fulfilling the 120 credit hours of instruction. Each component is essentially intertwined with each other and may be implemented simultaneously.

**AUTOMOTIVE COLLISION TECHNOLOGY (10-12)****Credits: 1 year = 2 credits**

Automotive Collision Technology is a highly skills-based program of study providing opportunities for students to become proficient in this field, and prepared to embark upon careers in auto collision repair. The auto collision program and instructor are certified by the National Automotive Technicians Education Foundation (NATEF), which allows students to learn critical skills and ultimately, to test for ASE certification, a requirement for technicians in dealerships and independent auto collision repair centers nationwide. Students are expected to take and pass ASE certification exams upon completion of the course. The auto collision program of study includes painting, refinishing, structural, and non-structural analysis. Students are required to purchase a lab shirt and wear in class daily (approx. cost \$20 each). Two years available for this course.

**AUTOMOTIVE SERVICE TECHNOLOGY (10-12)****Credits: 1 year = 2 credits**

Automotive Service Technology offers a rich tradition as the first accredited AYES apprenticeship program in the state of Arkansas (2000). All equipment is state-of-the art including training software, diagnostics, and service equipment. Another highly skills-based program of study, auto service provides opportunities for students to become proficient in automotive service, and prepared to embark upon careers as service technicians in high demand, high wage earning positions throughout the automotive service industry. The auto service program is certified by the National Automotive Technicians Education Foundation (NATEF). This benchmark accreditation allows students to test for ASE certification. Gaining ASE certification provides numerous opportunities for careers as technicians in dealerships and independent auto service repair centers nationwide. Students are expected to take and pass ASE certification exams upon completion of the course. The auto service program of study offers instruction in engine performance, brakes, electrical systems, and suspension and steering. Students are required to purchase a lab shirt and wear in class daily (approx. cost \$20 each). Two years available for this course.

## **SUGGESTED COURSES FOR THE** **ACADEMY OF HEALTH AND HUMAN SERVICES**

### **FAMILY & CONSUMER SCIENCE (9-12)**

**493080**

**Credit: 1 year, 1 unit**

*Special Information: Students who have not taken the Family & Consumer Science class should complete this class before taking any semester classes. Family & Consumer Science is the introductory class.*

Family and Consumer Science is designed to provide students with basic information and skills needed to function effectively within the family and within a changing, complex society. Upon completion of this course, the student should have developed basic life skills that promote a positive influence on the quality of life. This class is required to be eligible as a “career and technical completer” upon graduation. This is a one year course and is not intended to be taken for one semester.

### **CHILD GROWTH & DEVELOPMENT (10-12)**

**493020**

**Credit: 1 year, 1 unit**

*Prerequisite: Family & Consumer Science*

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

### **DYNAMICS OF HUMAN RELATIONSHIPS (11-12)**

**494150**

**Credit: 1 year, 1 unit**

*Prerequisite: Family and Consumer Science*

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

### **FOOD SAFETY AND NUTRITION (10-12)**

**493110**

**Credit: 1 year, 1 unit**

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

### **LIFE AND FITNESS NUTRITION (11-12)**

**493200**

**Credit: 1 year, 1 unit**

This course 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.

### **INTRODUCTION TO PSYCHOLOGY (10-12)**

**474400**

**Credit: 1 semester, ½ unit**

*Prerequisites: Completion of Biology*

This course is an introduction to basic procedures in the study of behavior and to principles of theoretical and experimental issues underlying mental and emotional states. Behavior will be looked at through scientific methods - examining the brain structures and functions. A historical view of the development of psychology as a social science will help define present day techniques.

**INTRODUCTION TO SOCIOLOGY (10-12)****474500****Credit: 1 semester, ½ unit***Prerequisites: Completion of Biology*

Sociology introduces students to the social systems that are the foundation of society. An emphasis will be placed on culture and socialization, social status, social institutions, and social problems; as well as the effects and influence on behavior. Using the tools and techniques of sociologists, students will study changes taking place in society and examine their causes, consequences, and possible solutions. Students will read major sociological theorists as well as consider how sociologists approach issues. This course stresses application, problem-solving, higher-order thinking skills, and use of classroom performance-based/open-ended assessments with rubrics.

**INTRODUCTION TO EDUCATION (10-12) (ASU Concurrent course for 2nd sem)****590230****Credit: 1 year, 1 unit**

Provides instruction and strategies for building professional skills and personal responsibility competencies necessary for successful entry into a professional career.

**EDUCATIONAL TECHNOLOGY (11-12) (ASU Concurrent course for 2nd sem)****590520****Credit: 1 year, 1 unit**

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

**PRINCIPLES OF BIOMEDICAL SCIENCE (10-12)****495000****Credit: 1 year, 1 unit***Prerequisites: Taken or currently enrolled in Biology*

This introductory course of the PLTW Biomedical Science program, students will explore the concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine and research processes while allowing them to design their own experiments to solve problems.

**HUMAN BODY SYSTEMS (10-12)****495010****Credit: 1 year, 1 unit***Prerequisites: Taken Biology, Human Anatomy or currently enrolled in Human Anatomy.*

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis in the body. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.

**MEDICAL INTERVENTIONS (10-12)****495020****Credit: 1 year, 1 unit***Prerequisite: Taken PBS and HBS, AP Biology or currently enrolled in AP Biology*

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

**BIOMEDICAL INNOVATIONS (12)****495030****Credit: 1 year, 1 unit**

In the final course of the Biomedical Sciences, students build on the knowledge and skills gained from the previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They have the opportunity to work on an independent design project with a mentor or advisor from a university, medical facility, or research institution.. The only students who can take this class are students who have completed medical intervention.

**CULINARY ARTS (10-12)****Credits: 1 year = 2 credits**

Culinary Arts provides basic introductory skills in the field of culinary arts, including basic cooking techniques, menu planning, nutrition, culinary math, safety, and sanitation. Students become proficient in the development of essential food safety practices necessary to select, receive, store, prepare, and serve food. Students create and implement food safety procedures based on the FDA food code and local regulations to apply sound sanitation practices. Advanced culinary skills, techniques, service, presentation, and management knowledge are mastered as the course advances into the second year of study, where in-depth studies of the professional kitchen and culinary applications are featured. Certifications for students include the Arkansas Safe Food Handler and National Restaurant Association ServSafe certifications. Students are required to purchase a culinary lab jacket and chef's hat, and wear during kitchen lab work (approx. cost \$20 each). Year 2 is available.

**MEDICAL PROFESSIONS (10-12)****Credits: 1 year = 2 credits**

Medical Professions provides a general overview of the many health-related occupations and careers in health care. Human Anatomy and Physiology and Foundations of Healthcare are core courses in this program of study. Critical knowledge obtained includes medical charting, abbreviations and vital signs, safety, infection control, processes of disease, and employability skills necessary for successful careers in the healthcare industry. Engaging activities include job shadowing, community service projects. Students receive certifications in CPR, AED, and Heartsaver First Aid through the American Heart Association (AHA). This is a one-year program of study designed to prepare students to enroll in Medical Procedures (CNA) Certified Nursing Assistant. Students are able to receive a Science Flex Credit for Human Anatomy & Physiology. New high technology using Zspace 3D Augmented learning brings Anatomy to life.

**CERTIFIED NURSING ASSISTANT / MEDICAL PROCEDURES (11-12)****Credits: 1 year = 2 credits**

Medical Procedures is an advanced study of nursing and the medical field with preference given to seniors and/or students that have completed year one in Medical Professions. (Sophomores will not be considered for this course.) Courses of study in this program include Medical Procedures, Medical Procedures Expanded, Medical Terminology, and Pathology. Students also receive training and skills as a dental assistant, physical therapy assistant, veterinary assistant, and laboratory assistant for more exposure to different health care careers. Critical skills gained allow students to earn CNA, Certified Nursing Assistant certification (\$85 fee) to begin part-time employment or full-time employment as a CNA in this high-demand field. Although this is a one-year program of study, it is designed to be the second year of Health Science Technology courses after completing year one in Medical Professions.

# **SUGGESTED COURSES FOR THE SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH ACADEMY**

## **INTRODUCTION TO ENGINEERING DESIGN (IED) (10)                      495480                      Credit: 1 year, 1 unit**

The major focus of this introductory engineering course is the design process and its application. Through hands-on projects, students apply engineering standards and document their work. Students use industry standard 3D modeling software and extensive technology to help them design solutions to solve proposed problems, document their work using an engineer's notebook, and communicate solutions to peers and members of the professional community. This course is the first course of the Project Lead the Way Pre-Engineering Pathway.

## **PRINCIPLES OF ENGINEERING (POE) (10-12)                      495490                      Credit: 1 year, 1 unit**

This survey course exposes students to major concepts they'll encounter in a post-secondary engineering course of study. Topics include mechanisms, energy, statics, materials, and kinematics. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges, document their work and communicate solutions. Extensive technology use is involved in this course and students will use extensive hands on and project based learning strategies. This course is a prerequisite to upper level Engineering courses offered through the Project Lead the Way Pre-Engineering Pathway.

## **CIVIL ENGINEERING AND ARCHITECTURE (11, 12)                      495440                      Credit: 1 year, 1 unit**

*Prerequisites: Principles of Engineering is required for this course.*

Students will learn about various aspects of civil engineering and architecture and apply their knowledge to the design and development of residential and commercial properties and structures. In addition, students use the 3D design software to design and document solutions for major course projects. Students communicate and present solutions to their peers and members of a professional community of engineers and architects.

## **ENGINEERING DESIGN AND DEVELOPMENT (11, 12)                      495470                      Credit: 1 year, 1 unit**

The knowledge and skills students acquire throughout PLTW Engineering come together in Engineering Design and Development as they identify an issue and then research, design, and test a solution, ultimately presenting their solution to a panel of professionals. Students apply the professional skills they have developed to document a design process to standards, completing Engineering Design and Development ready to take on any post-secondary program or career.

## **COMPUTER SCIENCE SOFTWARE ENGINEERING (11, 12)                      Credit: 1 year, 1 unit**

*Prerequisites: Principles of Engineering is required for this course.*

In CSE, students create apps for mobile devices, automate tasks in a variety of languages, and find patterns in data. Students collaborate to create and present solutions that can improve people's lives, and weigh the ethical and societal issues of how computing and connectivity are changing the world

## **EAST LAB (9-12)                      Credit: 1 year, 1 unit**

**EAST I (560010); EAST II (560020); EAST III (560030); EAST IV (560040)**

*Prerequisite: teacher application with teacher recommendation*

EAST stands for Environmental And Spatial Technology. EAST is a student driven, student-led class that is community/school service project based. Students will use industry quality technology (virtual reality, computer graphics and animation, video cameras, music and video editors, GPS – global positioning system and GIS – geographic informational systems etc.) to complete projects in a team with other EAST students.

## **PROGRAMMING 1 (10, 11, 12)                      465070                      Credit: 1 year, 1 unit**

This course is for students with no formal computer programming experience. Students will spend the majority of time coding to solve real-world problems in a collaborative environment. The course focuses on developing computational thinking, refining problem-solving skills, and applying key programming concepts. **A student receiving two Computer Science Flex Credits can substitute those credits in place of the 4th math credit requirement or the 3rd science credit requirement.**



**AP COMPUTER SCIENCE PRINCIPLES (11-12)****565010****Credit: 1 year, 1 unit**

AP Computer Science Principles offers an overview and multidisciplinary approach to teaching the underlying principles of computers. The course will introduce students to the creative aspects of programming, abstractions, the Internet, cybersecurity concerns, and computing impacts.

**This course qualifies for Computer Science Flex Credit. This means a student can receive their 3rd Science credit or 4th Math credit for graduation requirements from this class.**

**AP COMPUTER SCIENCE A (11-12)****565130****Credit: 1 year, 1 unit**

This course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language.

**AP ENVIRONMENTAL SCIENCE (11,12)****523030****Credit: 1 year, 1 unit**

During the AP Environmental Science course you will explore and investigate the interrelationships of the natural world, identify and analyze environmental problems, both natural and human-made. This course is for the advanced student that wishes to pursue science curriculum in the college setting. Weighted credit for this course will be An AP contract that outlines course requirements must be signed by both the student and parents/guardians and the guidelines within will be strictly enforced.

**COMPUTER REPAIR, NETWORKING, AND SECURITY (10-12)****Credits: 1 year = 2 credits**

Computer Repair, Networking, and Security provides students with skills to build, troubleshoot, repair, and maintain computers. Students develop proficiencies in PC hardware, networking, laptops, printers and operational procedures. Operating systems, security, configuration and administration of computer networks, and preventative maintenance are also key components in this program of study. Career opportunities include computer repair technician, computer customer service technician, computer field service technician, and home/industry security. Numerous hands-on lab activities are utilized so that participants maximize hands-on learning opportunities such as computer component identification, component installation, troubleshooting, software installation, network design, data cabling, network management, and server configuration. This is a one-year program of study. Students are able to enroll and successfully complete the concurrent college credit program through Arkansas State University Newport if they enroll in this program of study. By enrolling in this course, students can receive the computer science "flex" required credit for graduation in Arkansas High Schools.

**ENGINEERING DESIGN & PRODUCTION LAB****Credits: 1 year = 2 credits**

Intro to Manufacturing, Design for Manufacturing, and Computer Integrated Manufacturing highlight this highly skills-based program of study, which offers several entry level skills and competencies necessary to compete for lucrative careers in manufacturing. Conventional G&M coding, computer aided drafting and design (CAD), computer aided manufacturing (CAM), 3-D printing, First Robotics featuring robotic design, build, and programming, metal fabrication, and concepts in metallurgy are components of the advanced manufacturing program of study. Skills acquired will lead to student careers in CNC programming, CNC operators, entry-level machinists, and quality control technicians, as well as providing a pathway into secondary education in the fields of technology design and engineering. Students use software programs such as Immerse2Learn, Auto Desk Inventor, SolidWorks, Robot C, and FeatureCAM. Students also have the opportunity to join our NASA hardware team. Students gain experience in Aerospace manufacturing via the NASA HUNCH program, which allows students in the Advanced Manufacturing program to make hardware used in the International Space Station, and other Aerospace systems. Year 2 available for this course.

**HVACR****Credits: 1 year = 2-3 credits**

HVACR is a hands-on skills-based program of study designed to prepare students for immediate employment in the HVAC industry. Foremost instruction in electrical diagramming and wiring is combined with lab activities where participants complete several competency activities in electrical wiring. Students utilize a number of training aids in the HVACR lab including window air conditioners, R-41A, 410A, 404A, and 134A residential split systems, gas-fired furnaces, residential heat pumps, reach-in coolers, and commercial ice makers. Skills-based learning includes activities including soldering, troubleshooting, service, repair, and installation of gas and electric, refrigerated units and air conditioners. Students compete in local and regional electrical wiring competition as well as HVACR competitions. Year 2 per teacher recommendation.

**ROBOTICS & AUTOMATION TECHNOLOGY (10-12)****Credits: 1 year = 2 credits**

Industrial Technology offers student training in order to repair, install, fabricate, set-up, adjust, and complete routine, predictive, and preventative maintenance to highly-technical industrial machinery. Six instructional modules integrate curriculum with skills-based, hands-on learning: safety, manufacturing basics, electrical, mechanical, fluid power (hydraulic and pneumatic), and introduction to programmable logic controllers, PLCs. High-wage, high-demand career opportunities are available for technicians responsible for preventative, predictive, and routine maintenance and troubleshooting of highly technical industrial, automated equipment to ensure maximum efficiency, effectiveness, reliability and quality assurance. Highest quality, nationally recognized trainers are utilized with actual industrial machinery incorporated for student mastery in the capstone project. Students may attend for Year 2 in this course.

**WELDING TECHNOLOGY (10-12)****Credits: 1 year = 2 credits**

The Welding Program of Study is designed to provide a multitude of skills to prepare students for careers in Northeast Arkansas or abroad. Students will become proficient in shielded metal arc welding (SMAW or “stick” welding), gas metal arc welding (GMAW or “mig” welding), and gas tungsten arc welding (GTAW or “tig” welding). Very high-wage, high-demand career opportunities are available for various positions in the field of welding not only in NEA, but globally. Training aids include Lincoln welders similar to those utilized in local industry. Welding simulators allow conservation of raw materials with the most advanced student learning experience available today. Students are expected to become proficient welders while attaining national NCCER and AWS certification. Students may attend for Year 2 if meet prerequisite guidelines.

**UAS—DRONES (10-12)****Credits: 1 year = 2 credits**

Students collaborate to research available apps while developing content knowledge necessary to create apps for business, education, industry, the general public, or individual interest. Students study and research mobile devices, their operating systems, sensors, sensors and radios in today’s cellular technology. Students also examine the current marketplace of applications to better understand the skills necessary to create apps for business, education, and entertainment. Students learn programming algorithms by building their own apps first using coding blocks and finishing with an introduction to C# programming. In Unmanned Aerial Systems (UAS), students learn about drones and unmanned aerial systems technology. This course begins with a historical study of drones and terminology for commercial applications in various industries. It is an in-depth study of drone systems, air safety, regulations, legislation, the principles of flight and video production. Students develop piloting skills thru computer-based flight simulators and flying drills with commercial-grade drones through community projects. At the end of this course students should be prepared to take their FAA Part 107 certification exam in order to be licensed to fly drones.

# **GLOBAL ELECTIVES**

## **MUSIC**

### **NINTH GRADE BAND**

**451000**

**Credit: 1 year, 1 unit**

*Prerequisite: Beginning Band and 8th Grade Band*

This band is the top performing group at the junior high level. This group auditions for the junior clinic bands, performs concert literature, participates in contests, presents concerts, participates in solo and ensemble contests, and plays for junior high home football games and pep rallies. Students will explore different eras and periods of music. Students are expected to achieve a high level of performance on their instruments.

### **NINTH GRADE JAZZ BAND**

**451200**

**Credit: 1 year, 1 unit**

*Prerequisite: Audition and current membership in 9th Grade Band*

Students in jazz band are selected by audition and must be a current member of the 8<sup>th</sup> and 9<sup>th</sup> grade band. This band performs jazz literature of various styles at basketball games, elementary schools, and civic clubs and participates in contests

### **INSTRUMENTAL MUSIC – BAND (10-12)**

**Credit: 1 year, 1 unit**

*Prerequisite: Audition*

This course is taught during both semesters and emphasis is placed on performance. In the fall, the band performs at football games, marching contests, parades, Christmas concerts, etc. Participation and quality of marching and playing are stressed.

The following descriptions are for the second semester of the Instrumental Music program.

SECOND SEMESTER - *SYMPHONIC WINDS* performs quality music at an advanced level; studies wind and orchestra literature for all periods of music. Emphasis is on performance and on individual improvement. This ensemble is active in many concerts and festivals. Placement in this group is by audition.

SECOND SEMESTER - *CONCERT BAND* emphasis is on performance of band music and individual student progress. This ensemble is active in many concerts and festivals.

### **JAZZ BAND (10-12)**

**Credit: 1 year, 1 unit**

#### **JAZZ II (451210), JAZZ III (451220), JAZZ IV (451230)**

*Prerequisite: Audition; current membership in marching and concert band*

## **CHOIR**

### **GIRLS CHORUS (9)**

**45200G**

**Credit: 1 year, 1 unit**

This course is open to any female student regardless of prior choral music experience and is a training choir to enforce learning in musical literacy, proper vocal technique, and basic sight-singing. Students enrolled in this class participate in Choral Performance Assessment (CPA), seasonal concerts, and All-Region Choir tryouts.

### **MALE CHORUS (9)**

**45200B**

**Credit: 1 year, 1 unit**

Open to any male student regardless of prior choral music experience, this course emphasizes musical literacy, proper vocal technique, and basic sight singing. Students enrolled in this class participate in Choral Performance Assessment (CPA), seasonal concerts, and All-Region Choir tryouts.

### **CHORALIERS (ANNIE CAMP)**

**452000**

**Credit: 1 year, 1 unit**

*Prerequisite: a year of choral singing; teacher approval*

Choraliers is a select choir for advanced female singers. This group participates in Choral Performance Assessment (CPA), All-Regional Choir tryouts, seasonal concerts, and provides music for school and community functions. Musical literacy, proper vocal technique, and advanced sight-singing are emphasized.

### **HARMONY CHOIR (ANNIE CAMP)**

**45200H**

**Credit: 1 year, 1 unit**

*Prerequisite: A year of choral singing; teacher approval.*

Harmony Choir is a select choir made up of intermediate female singers who participate in Choral Performance Assessment (CPA), seasonal concerts, and All-Region Choir tryouts. Continued training in musical literacy, proper vocal technique, and sight-singing is emphasized.

### **HONORS CHOIR (MACARTHUR)**

**45200H**

**Credit: 1 year, 1 unit**

*Prerequisite: a year of choral singing; teacher approval*

The Honors Choir is a select mixed choir that performs at concerts for various audiences. These singers receive training in sight reading, vocal techniques, and rhythmic reading.

**HURRICANE SINGERS (10-12)****45200B****Credit: 1 year, 1 unit**

This course is open to any student regardless of prior choral music experience and is a training choir to enforce learning in musical literacy, proper vocal technique, and basic sight-singing. Students enrolled in this class participate in Choral Performance Assessment (CPA), seasonal concerts, and All-Region Choir tryouts.

**SOPHOMORE SELECT CHORUS (10)****45204S****Credit: 1 year, 1 unit**

*Prerequisite: Audition\* for the JHS Choral Director, 1 year participation in Junior High Choir, Letter of Recommendation from Junior High Director*

This SATB ensemble is a select choir for the advanced sophomore singer having had prior Junior High training. Students participate in concerts and festivals. Students will be required to audition for and participate in All Region/All State auditions and clinics. The class concentrates on musical literacy, sight reading, and proper vocal techniques. \*Audition will include a prepared song of choice and demonstration of sight reading skills.

**CAMERATA SINGERS (11-12)****452050****Credit: 1 year, 1 unit**

*Prerequisite: Audition\* for the JHS Choral Director plus 1 full year experience in JHS Male Chorus, JHS Female Chorus, or Sophomore Select Chorus*

This ensemble is a select group of advanced singers. Students are required to perform in concerts, festivals, and for community events. Ensemble members are required to audition for and participate in All Region/All State auditions and clinics. Students perform a variety of music and must have advanced musical literacy skills, advanced sight reading skills, and advanced proper technique skills.

\*Audition will include a prepared song of choice and demonstration of sight reading skills.

**CHAMBER CHORALE (11-12)****452060****Credit: 1 year, 1 unit**

*Prerequisite: Audition\* for the JHS Choral Director plus 1 full year experience in JHS Male Chorus, JHS Female Chorus, or Sophomore Select Chorus*

This ensemble is the most select vocal group on campus. Students are required to perform in concerts, festivals, and for community events. Ensemble members are required to audition for and participate in All Region/All State auditions and clinics. Students perform the highest level of musical difficulty and must have the versatility of vocal technique in order to perform all musical styles.

Ensemble members must have advanced musical literacy skills, advanced sight reading skills, and advanced proper technique skills.

\*Audition will include an evaluation of student's prior ensemble participation, a prepared song of choice and demonstration of sight reading skills.

**AP MUSIC THEORY (11-12)****559010****Credit: 1 year, 1 unit**

Advanced Placement Music Theory is a rigorous advanced music course in music composition equivalent to a first year college course taken by music majors. It introduces students to musicianship, theory fundamentals, music materials and procedures, and most often integrates aspects of melody, harmony, texture, rhythm, form, musical analysis, composition, and to some extent, music history and literature. In addition, students will be learning sight-sing fundamentals using the solfege system. The course not only meets high school requirements for music but also gives each student the opportunity to earn hours of college credit, pending a satisfactory score on the AP Music Theory exam. Each student enrolled in this class will be expected to take the exam. No prerequisites are necessary but current enrollment in the high school band or choir, and /or previous years of private instrumental or voice lessons is highly recommended. This course is recommended for students planning to major in music at college. An AP contract that outlines course requirements must be signed by both the student and parents/guardians and the guidelines within will be strictly enforced.

**FINE ARTS MUSIC (ASU CONCURRENT CREDIT) (11-12) 559000****Credit: 1/2 year, 1 unit**

*Prerequisite for Both: ACT Composite of 19 and a 19 in English and Reading on the ACT; acceptance to ASU; \$120 course fee and one time \$15 registration fee.*

Fine Arts – Music is an introduction to music for the listener who has had no formal musical training or experience. Course is a study of musical styles and composers and their cultural and historical contexts.

## **ART I**

### **VISUAL ART I (9-12)**

**450000**

**Credit: 1 year, 1 unit**

Is a two-semester course designed to teach students to apply the elements of art and the principles of design. Students are expected to use a variety of media, techniques, processes and tools to create original artwork that demonstrates understanding of aesthetic concerns and complex compositions.

### **CERAMICS I**

**450500**

**Credit: 1 year, 1 unit**

Ceramics I is an introductory course in ceramics covering the three basic methods of hand building. Students will produce ceramic art work using pinch, slab, and coil techniques. Students will learn the basic vocabulary of ceramics as well as methods of surface treatment, firing, and other related aspects. Art history, aesthetics and art criticism will be incorporated throughout the course.

### **CERAMICS II**

**450510**

**Credit: 1 year, 1 unit**

Ceramics II is a more advanced course in ceramics building on to the three basic methods of hand building. Students will produce ceramic art work using pinch, slab, and coil techniques. Students will learn advanced vocabulary of ceramics as well as methods of surface treatment, firing, and other related aspects. Art history, aesthetics and art criticism will be incorporated throughout the course. This course will build on all of the skills learned in Ceramics I.

### **SCULPTURE**

**450600**

**Credit: 1 year, 1 unit**

The prerequisite for Sculpture is Visual Art I or Ceramics I.

Students will explore three dimensional form in traditional and nontraditional materials. The student will study form, volume, and space relationships through the exploration of decorative, utilitarian, and conceptual approaches to sculpture. The study of sculptural form in a variety of media during various historical and cultural periods will guide the development of the student's ability to make personal aesthetic and critical judgments.

### **ART II Digital (10-12)**

**450030**

**Credit: 1 year, 1 unit**

Prerequisite: C or higher in Visual Art I

Digital Art is a yearlong intro class into the industry standard programs for digital design for both print and web production, Photoshop and Illustrator. Students will use these programs to explore photography and graphic design through exercises and projects.

### **ART III Digital (11-12)**

**Credit: 1 year, 1 unit**

(Prerequisite: C or higher in Visual Art II Digital)

Digital Art III is an upper level yearlong class using the industry standard programs for digital design for both print and web production, Adobe Photoshop, Adobe Illustrator and Procreate. Students will use these programs to explore digital art creation through exercises and projects.

### **ART II Drawing (10-12)**

**450030**

**Credit: 1 year, 1 unit**

Art II Drawing/Painting is a course designed to continue developing drawing and painting skills and techniques. This course is for students who have taken Art I and want to continue refining their traditional art making skills. The course emphasizes the exploration of various drawing and painting materials, techniques, and concepts. During the course students will experiment with different styles and approaches to drawing and painting. During the course students will use shading pencils, color pencils, watercolor, acrylic, drawing pens, charcoal, and pastels to create a variety of works such as portraits, landscapes, still lifes, abstract works, and multimedia works. Throughout the course students will engage in critiques and peer evaluations to refine their personal artistic vision.

### **ART III Drawing (11-12)**

**450040**

**Credit: 1 year, 1 unit**

Is a yearlong class where students will build on skills learned in Visual Art II. They will develop, expand and increase their real life application of problem solving through artistic maturation. Students will create, critique, reflect and make connections to art.

### **AP STUDIO ART Drawing, 2D, 3D (11-12)**

**Credit: 1 year, 1 unit**

(Prerequisite to take Art I and Art II)

AP Studio 2D, 3D, and AP Drawing Art have been developed to accommodate serious art students who have expressed an interest in completing the AP 2-D Design or Drawing Portfolio. Through studio practice, application of design concepts and informed decision making, these students will assemble a body of artwork that demonstrates a high level of quality and growth over time of content, technique, and process. Students will investigate both parts of their portfolios as required by the AP College Board: Sustained Investigation and Selected Works. All work will be documented throughout the year by digital photos and by a Google Drive Portfolio. Because of the multilevel nature of the class, AP students must be able to work independently, have a basic knowledge of

media, and be able to take initiative and risks within their art with the teacher as a guide. It is recommended that students have completed Art I and a level two art course that relates to the AP art course

## **SPEECH/DRAMA**

### **THEATRE APPRECIATION (9-12)      453130      Credit: 0.5 credit, 1 semester (include ½ unit of Fine Arts Credit)**

Theatre Appreciation is a one-semester course in which students will develop fundamental theatre skills through academic study. Students will develop an understanding of basic theatre skills and the history of the theatre, analyze and evaluate artistic work, and discover connections between theatrical works and societal, cultural, and historical contexts. The Standards for Accreditation require schools to offer a one-half unit of survey of fine arts OR one-half unit of advanced art or advanced music. Theatre Appreciation may be used to fulfill this requirement. Theatre Appreciation also fulfills the one-half unit of fine arts required for graduation.

### **THEATRE 1 (9-12)      459100      Credit: 1 year, 1 unit (include ½ unit of Fine Arts Credit)**

Theatre 1 is a two-semester course in which students learn and demonstrate mastery of theatre academic and performance skills. At the Theatre 1 level, students will explore theatre fundamentals, analyze and interpret scripts, evaluate artistic work, and use those evaluations to deepen the meaning of their work. The Standards for Accreditation require schools to offer a one-half unit of survey of fine arts OR one-half unit of advanced art or advanced music. The first semester of Theatre 1 may be used to fulfill this requirement. Theatre 1 also fulfills the one-half unit of fine arts required for graduation.

### **THEATRE 2 (10-12)      459110      Credit: 1 year, 1 unit**

*Prerequisite: Theatre 1*

This performance-based course is designed for the student interested in learning more about theatrical performance. It builds on the areas covered in Theatre 1. This course provides a more in depth coverage of theatrical performance, character analysis and development, dramatic and thematic structure and ways to combine all of these into an integrated art. Participation in stage productions is required. Periodic after school and weekend workdays may be required during play productions.

### **THEATRE 3 (11-12)      459120      Credit: 1 year, 1 unit**

*Prerequisite: Theatre 2*

This performance-based course is designed for the student interested in learning more about the theatrical performance. It builds on the areas covered in Theatre 2. This course provides a more in depth coverage of theatrical performance, character analysis and development, dramatic and thematic structure, directing and ways to combine all of these into an integrated art. Participation in stage productions is required. Periodic after school and weekend workdays may be required during play productions.

### **TECHNICAL THEATRE 1 (9-12)      459240      Credit: 1 year, 1 unit (include ½ unit of Fine Arts Credit)**

Stagecraft I is a year long course which provides students with both exposure to and experience in all elements of technical theatre, including scenery, props, lighting, sound, costume, and makeup. The four strands emphasize creating, performing/presenting, responding and connecting. In Creating, students generate ideas and original tangible works. In Performing and Presenting, students perform tasks associated with technical theatre and present their work to others. Through Responding, students examine works already created by themselves, their peers, or others to analyze the artistic merit and refine work. Through Connecting, students discover connections between theatrical works and historical, societal, and cultural context. The Standards for Accreditation require schools to offer a one-half unit of survey of fine arts OR one-half unit of advanced art or advanced music. The first semester of Stagecraft 1 may be used to fulfill this requirement. Stagecraft 1 also fulfills the one-half unit of fine arts required for graduation.

### **TECHNICAL THEATRE 2 (10-12)      459250      Credit: 1 year, 1 unit**

**Prerequisite: Technical Theatre 1**

This class builds on the areas learned in Stagecraft 1. This course provides a more in depth coverage of technical theater. In addition, students in this course are trained to become production leaders. Participation in stage production is required. Periodic after school and weekend workdays may be required during play production.

### **TECHNICAL THEATRE 3 (11-12)      459260      Credit: 1 year, 1 unit**

**Prerequisite: Technical Theatre 2**

This class builds on the areas learned in Stagecraft 2. This course provides a more in depth coverage of technical theater. In addition, students in this course are trained to become production leaders. Participation in stage production is required. Periodic after school and weekend workdays may be required during play production.

**PERSONAL COMMUNICATIONS (9-12)**  
**Communication credit)**

**414020**

**Credit: 1 semester, ½ unit (includes ½ unit of Oral**

Personal Communication will provide students with an understanding of the dynamics of effective communication while speaking, listening, and responding. Students will apply the principles of ethical communication, practice communication competencies, demonstrate effective intrapersonal and interpersonal communication, and deliver a variety of speeches. 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 interviews. Students will deliver formal and informal speeches, participate in debate, and perform oral readings. Personal Communication (One Semester) fulfills the .5 unit of Oral Communication required for graduation.

**PROFESSIONAL COMMUNICATIONS (10-12)**  
**Communication credit)**

**414210**

**Credit: 1 semester, ½ unit (includes ½ unit of Oral**

Professional Communications exposes students to a variety of speaking situations where they will practice effective intrapersonal communication techniques. Students will study and practice communication competencies in their professional and personal interactions with others. Students study how to effectively communicate in front of their peers in small group and whole class public speaking assignments. Students will engage in a variety of activities designed to prepare them for communication in the workforce setting, such as interviews, resumes, and intra-office communications.

**DEBATE 1 (9-12)**

**414050 Credit: 1 year, 1 unit (includes ½ unit of Oral Communication credit)**

This performance-based class is specifically designed to train students in argumentation, debate, extemporaneous speaking, student congress and mock trial. Participation in forensics tournaments is encouraged. It may be necessary to have after school practice periodically.

**DEBATE 2 (10-12)**

**414060**

**Credit: 1 year, 1 unit**

Prerequisite: Debate 1

This performance-based class is specifically designed to build on skills learned in Debate 1. Students will continue their training in argumentation, debate, extemporaneous speaking, student congress and mock trial. Participation in forensics tournaments is required. It may be necessary to have after school practice periodically.

**DEBATE 3 (11-12)**

**414070**

**Credit: 1 year, 1 unit**

Prerequisite: Debate 2

This performance-based class is specifically designed to build on skills learned in Debate 2. Students will continue their training in argumentation, debate, extemporaneous speaking, student congress and mock trial. In addition, students will bring work in peer coaching. Participation in forensics tournaments is required. It may be necessary to have after school practice periodically.

**DEBATE 4 (12)**

**414080**

**Credit: 1 year, 1 unit**

Prerequisite: Debate 3

This performance-based class is specifically designed to build on skills learned in Debate 3. Students will continue their training in argumentation, debate, extemporaneous speaking, student congress and mock trial. In addition, students will continue their work in peer coaching. Participation in forensics tournaments is required. It may be necessary to have after school practice periodically.

**DRIVER'S EDUCATION**

**DRIVER'S EDUCATION (10-12)**

**690040**

**Credit: 1 semester, ½ unit**

Every student must have a valid Arkansas license or learner's permit before the first day of class. Seniors will be given the first opportunity to enroll, followed in order by juniors, sophomores. The course will consist of classroom/book material as well as on the road driving experience. Students will learn the rules and laws of Arkansas roadways and highways, basic driving maneuvers, and essential car care basics. Guest speakers will include local police officers, insurance specialists, paramedics, and automobile experts.

**SOCIAL STUDIES**

**AP HUMAN GEOGRAPHY (11-12)**

**579080**

**Credit: 1 year, 1 unit**

This introductory college course in human geography will introduce students to the systematic study of patterns and processes that have shaped human understanding, use and alteration of the Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They will also learn about the methods and tools geographers use in their research and applications. This class is designed to meet AP standards and requirements (these can be found on the AP College Board website), and demands a serious commitment of time beyond the normal class period. An AP

contract that outlines course requirements must be signed by both the student and parents/guardians and the guidelines within will be strictly enforced.

**AP EUROPEAN HISTORY (11-12)**

**579170**

**Credit: 1 year, 1 unit**

*Successful completion of either AP World History or AP US History is recommended (but is not required).*

AP European History is a college-level course that introduces students to cultural, economic, political, and social developments shaping Europe since 1450. Students are expected to apply analytical skills in interpreting historical evidence to understand the development of society and effectively express their understanding in writing. The course will be fast-paced and demands a serious commitment of time beyond the normal class period. The course will culminate with the AP examination traditionally given in May. An AP contract that outlines course requirements must be signed by both the student and parents/guardians and the guidelines within will be strictly enforced.

**AP ART HISTORY (11-12)**

**559030**

**Credit: 1 year, 1 unit**

This course is designed to provide the same benefits to secondary school students as those provided by an introductory college course in art history. In the course, students examine major forms of artistic expression from the ancient world to the present and from a variety of cultures. They learn to look and analyze works of art within their historical context, and to articulate what they see or experience in a meaningful way. An AP contract that outlines course requirements must be signed by both the student and parents/guardians and the guidelines within will be strictly enforced.

**AP PSYCHOLOGY (11-12)**

**579120**

**Credit: 1 year, 1 unit**

*Prerequisite: Biology*

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. An AP contract that outlines course requirements must be signed by both the student and parents/guardians and the guidelines within will be strictly enforced.

**LANGUAGE ARTS**

**CREATIVE WRITING (10-12)**

**417010**

**Credit: 1 semester, ½ unit**

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

**ACT PREP: ENGLISH/READING (10-12)**

**99988E**

**Credit: 1 semester, ½ unit**

ACT Prep is designed for students with a strong personal desire to improve their ACT scores for college and scholarship applications through intensive practice and research-based strategies. The course involves frequent testing using the ACT format.

**ACT PREP: MATH/SCIENCE (10-12)**

**99988M**

**Credit: 1 semester, ½ unit**

ACT Prep is designed for students with a strong personal desire to improve their ACT scores for college and scholarship applications through intensive practice and research-based strategies. The course involves frequent testing using the ACT format.

**ORGANIZATIONAL LEADERSHIP (10-12)**

**492780**

**Credit: 1 semester, ½ unit**

This course introduces a range of concepts, theories, and practices important for a basic understanding of management. Includes management and the management function of planning, organizing, directing, and controlling.

**COLLEGE & CAREER READINESS**

**493880**

**Credit: 1 semester, ½ unit**

This course is designed to provide the student with the necessary skills to evaluate who they are, what they need in a career, and what they need from education to be prepared to refine their choices through a decision-making process. It helps the student master the skills most needed by 21st century employers. This course is recommended for the junior or senior year to assess labor market information, personal academic and career ready potential, and make applications to postsecondary institutions.



# **JONESBORO HIGH SCHOOL CLUBS & ORGANIZATIONS**

*Jonesboro School District strives to not only educate the child academically, but assist in the development of students as complete individuals. With that goal in mind, Jonesboro High School offers a variety of clubs to appeal to students with varied interests - ranging from clubs that are academically based, such as the foreign language clubs, to honorary organizations (Beta Club, Mu Alpha Theta, and National Honor Society), to leadership (Student Council, FBLA, etc.), sports ("J" Club and FCA), drug prevention (OUT OF THE DARK), to those clubs that are sponsored by civic organizations whose general intent is philanthropic. It is our belief that by participating in these organizations, students can develop both leadership and social skills, which will help them become happier, more productive citizens after they leave the Jonesboro School District.*

## **ART CLUB**

The Art Club is open to anyone, not just art students. Each year the club designs and sells homecoming T-shirts as a money making project.

## **FELLOWSHIP OF CHRISTIAN ATHLETES**

FCA is a group of athletes committed to fellowship, growing spiritually and reaching out to others in word and deed. Requirements for Membership: participation in athletics.

## **FELLOWSHIP OF CHRISTIAN STUDENTS**

FCS is a group of students committed to fellowship, growing spiritually and reaching out to others in word and deed. Requirements for Membership: JHS active student.

## **DRAMA/THESPIAN CLUB**

This organization acknowledges participation in theatre activities by awarding points for a variety of theater related responsibilities. A minimum of 10 points is required by membership. Once a student reaches 60 points he/she is named Honor Thespian. Honor Thespians receive cords to wear at graduation.

## **FAMILY, CAREERS, AND COMMUNITY LEADERS OF AMERICA**

The goal of FCCLA is to provide opportunities for members to develop leadership and personal growth through activities that focus on the multiple roles of family member, wage earner, community leader and JHS student. Any student who is currently enrolled in, or has previously taken, the Family and Consumer Science class is eligible for membership. Cost: (National, State and Local Dues)

## **FOREIGN LANGUAGE CLUB**

Students in Spanish, French, and German classes are invited to join the Foreign Language Club. Club members will have the opportunity to participate in activities related to foreign cultures such as eating at Spanish restaurants, working and participating in the Mardi Gras celebration, and attending various local language festivals, as well as, participate in Operation Christmas Child.

## **FUTURE BUSINESS LEADERS OF AMERICA**

FBLA is a national organization for all students who are interested in current facets of business. The activities of FBLA provide an opportunity for students to prepare for business occupations. Members of FBLA learn how to engage in individual and group business enterprises; how to hold office and direct the affairs of the group; how to work with representatives of other student organizations; and how to compete honorably with their peers on the local, district, state, and national levels. Other FBLA activities include: Attending Leadership Conferences, fundraisers, participating in homecoming activities, supporting local charities, having a Christmas party, having a spring awards banquet, sponsoring the Miss Hurricane Pageant, providing scholarships, providing community service projects, and getting involved in numerous other activities. Cost: (National, State and Local Due

## **FUTURE EDUCATORS ASSOCIATION**

Future Educators Association is an international program for high school students interested in exploring a career in education.

## **INTERACT**

Interact is the high school arm of the Rotary Club. The club participates in various community service projects - including P.A.C.E.S. and the NEA Sport show. There are ten service hours required to maintain good standing for membership.

### **KEY CLUB**

The JHS Key Club is a civic service organization sponsored by the Jonesboro Kiwanis Club. The Hurricane Ball and the Sweetheart Pageant are the two major fundraisers conducted annually. Over \$8,500 has been raised in the past six years, all of which is distributed to local charities and organizations. Other: All members must achieve a minimum of 30 service hours annually.

### **MU ALPHA THETA**

Mu Alpha Theta is a national organization designed to acknowledge and promote interest in mathematics. Membership is only by invitation. To be eligible for membership, a student must complete Algebra II with a 3.5 GPA in all math courses and have a 3.0 GPA overall.

### **NATIONAL HONOR SOCIETY**

Students are invited to apply for admission to NHS based on a GPA of 3.75. Each eligible student then fills out an activity sheet which is submitted to a faculty committee who evaluates the student's suitability for membership, based on high achievement in all of the following areas: leadership, scholarship, community service and character. During the school year, each member is expected to complete independently 6 hours of community service. NHS participates, as a club, in a variety of activities during the school year: decorating doors at Rose Care for Christmas, having a potluck luncheon with the Senior Citizens' group, running the JHS Quiz Bowl, and appreciating the faculty at JHS for a week at the end of the school year. All members are required to

### **NATIONAL SPANISH HONOR SOCIETY**

The National Spanish Honor Society is an honor club that is open to students in the third or fourth years of Spanish who meet both grade point requirements (overall GPA and Spanish GPA) and have high recommendations from their teachers. The members of this club perform service that is connected with Spanish and the Spanish community. Members in good standing their senior year may qualify to wear the Societal Honoraria Hispánica cord at graduation.

### **STEM SCIENCE CLUB**

The club promotes science careers and science as an avocation. Science professionals including doctors, nurses, engineers, quality control personnel and research scientists constitute the primary agenda. Secondary agendas include activities that reveal how science can be fun and how it is intricately connected to everyday living.

### **OUT OF THE DARK**

The Jonesboro High School Out of the Dark is a drug prevention program for youth in high school. Through a team structure, Out of the Dark encourages students to reach out to their friends, younger students and the community with an assertive drug-free message. High school students go into elementary schools with drug-free messages delivered through skits and songs. Community presentations are an option of the group. Out of the Dark team members perform and assist with the 6th Grade Health Fair. Membership is open to all students interested in drug prevention. Other: Team training session scheduled for a Saturday.

### **STUDENT COUNCIL**

The JHS Student Council is formed from the 30 clubs at JHS. Clubs upon organization elect one club member to represent the club. The junior and sophomore classes elect class representatives to Student Council at the time of each class election. Each class president also serves on Student Council. Student Council officers are elected by the student body. The President must be a senior. The Vice President, Secretary and Treasurer may be from either the senior or junior class. Responsibilities include: Sophomore orientation, Homecoming pep rally, Homecoming parade, pre-game presentation of royalty, Homecoming dance, Christmas projects, Sadie Hawkins Dance, Mr. Hurricane contest, community service projects, and funding a senior leadership scholarship.

### **SUPER SENIORS**

Any girl from the Senior Class is welcome to join. The Super Seniors participate in Homecoming events; as well as, supporting other sports groups.

### **TAU DELTA PI**

This organization promotes school and community activities and helps its members develop leadership skills and creates unity and a mutual understanding. Membership is open to any JHS student who is in good standing with the school.

### **YOUNG DEMOCRATS**

The Young Democrats are committed to creating a Democratic majority in our state's and nation's governing bodies. When political campaigns are scarce, Young Democrats engage their classmates in the debate over our nation's future. Election year only.

### **YOUNG REPUBLICANS**

The Young Republican Club is a new addition to Jonesboro High School organizations. This club is involved in campaigning for the Republican candidates. The Young Republicans hold regular meetings to raise awareness of political affairs, offer service opportunities and assist the local Republican headquarters in any way possible. Election year only.

### **HABITAT FOR HUMANITY:**

This club works with the local Habitat for Humanity group to build/provide housing for those unable to provide for themselves.

### **AMNESTY INTERNATIONAL:**

This club works to better understand and raise awareness of the struggles of humans across the globe. Focus area is human trafficking.

### **D.S.A (Don't Suffer Alone):**

The purpose of the club is to end the stigma surrounding mental health, to have conversations about our mental health, and to know that we are never alone in our struggles.

## **NORTHEAST ARKANSAS CAREER AND TECHNICAL CENTER** **CLUBS**

### **FAMILY, CAREERS, AND COMMUNITY LEADERS OF AMERICA (FCCLA)**

Description: The goal of FCCLA is to provide opportunities for members to develop leadership and personal growth through activities that focus on the multiple roles of family member, wage earner, community leader and Northeast Arkansas Career and Technical Center student. Any student who is currently enrolled in, or has previously taken, a Family and Consumer Science class is eligible for membership. Cost: (National, State and Local Dues.)

### **HEALTH OCCUPATIONS STUDENTS OF AMERICA (HOSA)**

Class: Medical Procedures Education Description: HOSA provides leadership, service, and competition opportunities related to health care. Meeting Time: During class as needed. Other: HOSA activities include state and national competition, state leadership conference, and a fundraiser.

### **SKILLSUSA**

Classes: Advertising Design, HVACR, Automotive Collision, Automotive Service Technology, Food Production and Management Services, Drafting and Design, Electronics, Medical Professions, Precision Manufacturing and Machining, and Travel and Tourism. Description: Skills USA serves trade, industrial, and technical students by developing their skills and leadership qualities. SkillsUSA instills spirit and a desire to learn, to grow, and to become a productive citizen. Students will be able to compete in state and national competitions in their chosen fields. Meeting Time: During class as needed. Other: Skills USA activities include participation in competition, field trips, and selling Northeast Arkansas Career and Technical Center discount cards (fundraiser). Culinary Arts/Food Production may choose to participate in both FCCLA and Skills USA.

### **CODERS CLUB**

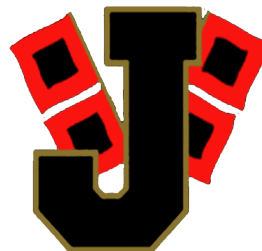
Mobile Applications Development/ UAS Drones Instructor Mr. David Holbrook meets with students interested in coding via the NEACTC Coder's Club. Club members set times to meet during the school day or after school in order to discuss trends and share ideas while collaborating about one of the hottest topics in education today--coding and programming. Students may elect to take field trips, develop games, participate in or develop local and regional competitions, or other activities designed to facilitate learning and interest in coding. Contact Mr. Holbrook at david.holbrook@jonesboroschools.net.

### **VEX ROBOTICS**

The Vex Robotics Club at NEACTC is a competition-based club consisting of science-minded individuals who utilize real world problem solving skills to solve and complete task via hands-on learning experiences. Record keeping, engineering, planning, programming and many other skills are used daily to sharpen the mind and skill levels of these members in order to prepare them for real life industry positions. Students have the opportunity to compete against other Vex Robotics teams across the state and nation in sanctioned Vex Robotics competitions. Club meets at NEACTC or other approved sites both during and after the school day.

### **SOCIETY OF MANUFACTURING ENGINEERS (SME)**

The SME Club is organized at NEACTC by the Advanced Manufacturing/Computer Integrated Manufacturing Instructor Mr. Ricky Barker. Times and dates to meet will be determined to meet the schedules of students participating in the club. Members are students interested in the challenging field of manufacturing, including students with exceptional skills in math and an interest in science as well. Many lucrative careers are available for students interested in manufacturing and engineering. For additional information contact Mr. Barker at [ricky.barker@jonesboroschools.net](mailto:ricky.barker@jonesboroschools.net).



## JONESBORO HIGH SCHOOL CONCURRENT ENROLLMENT CLASSES

### What are concurrent credit classes?

Concurrent credit refers to classes that a high school student takes for college credit while still in high school. These classes may count towards both high school graduation requirements and college credit, or just college credit alone.

### What are the requirements?

Students must have a cumulative GPA of at least 2.75 AND a 19 ACT composite with an ACT score of 19 in reading AND a 19 subject area score in whatever course you are planning to take. ACT Aspire scores may be considered for enrollment.

### Will these courses transfer to another university?

Each college or university has the right to determine what courses it chooses to accept or deny. Students should check with the university they plan to attend to see if they will accept transfer credit for concurrent classes.

### Who will teach these classes?

High school faculty members who meet the academic standards required by the college and/or department of the university which oversees each course will be the instructor.

### How much does it cost?

ASU One Time Application Fee	\$15
ASU Tuition cost	\$40/hour
EX: 3 hour class	\$120/semester
EX: 4 hour class	\$160/semester

### What courses are available?

- English Composition I
- English Composition II
- World Civilization since 1660
- U.S. History to 1876
- U.S. History since 1876
- College Algebra
- Fine Arts Music

\*Students enrolled in AP World History may enroll concurrently in World Civilization I (to 1660) second semester.

\*Students enrolled in AP U.S. History may enroll concurrently in U.S. History I (to 1876) and II (since 1876).

### How does a student enroll?

File out the online application for ASU-Jonesboro, which requires a \$15 One Time Application Fee. Visit the ASU home page, [www.astate.edu](http://www.astate.edu) and click “Apply Now”. This will take you to the link for the online application. Fill out the online application for ASU-Jonesboro.

You will need to speak with your high school counselor about having your ACT records, immunization records, and high school transcript sent to ASU. Once you are admitted, you will register for your classes. Once you are registered you may make payment online or go to the ASU Cashier’s Window.

Male students who are 18 years of age must register with the Selective Service.

All students must have immunization record showing two MMR’s.

### Are there any additional benefits?

You get an ASU parking permit and an ASU student ID, which permits access to a variety of services both at the university and in the community. Your ID allows you to use the ASU library and the computer lab. To get your ID, you must go to the ASU campus to the Student Union.

For more information, please call your Jonesboro High School counselor at (870)933-5881 or ASU Center for Regional Programs at (870)972-3052.

## **NORTHEAST ARKANSAS CAREER & TECHNICAL CENTER DUAL ENROLLMENT PROGRAMS**

### **NEACTC Dual Credit Guidelines\***

Several opportunities exist for students to receive articulated or concurrent college credit while enrolled at NEACTC.

• Computer Repair, Networking & Security	Concurrent	ASUN
• ProStart I	Concurrent	University AR-Pulaski Tech Coll.
• ProStart II	Concurrent	University AR-Pulaski Tech Coll.
• HVACR	Concurrent	ASUN
• Industrial Technology	Concurrent	ASUN
• Engineering Design and Production	Concurrent	ASUN
• Welding Technology	Concurrent	ASUN
• Medical Professions/Human Anatomy	Concurrent	ASUN
• Certified Nursing Assistant	Concurrent	ASUN
• Automotive Collision/Painting I	Concurrent	ASUN
• Culinary Arts with ServSafe Certification	Articulated	Black River Technical College
• Prostart I with ServSafe Certification	Articulated	Black River Technical College
• Medical Terminology	Articulated	Black River Technical CollegeNursing Assi
• Foundations of Health Care	Articulated	Black River Technical College
• Human Anatomy & Physiology	Articulated	Black River Technical College

\*Additional post-secondary concurrent and articulated credit opportunities will be available for students attending NEACTC. Some agreements had not been finalized by the time this publication was submitted for printing.