



JACKSONVILLE NORTH PULASKI SCHOOL DISTRICT

SECONDARY CURRICULUM CATALOG

**Jacksonville Middle School
Jacksonville High School**

Jacksonville North Pulaski School District
1414 West Main Street, Jacksonville, AR 72076
(501)241-2080
www.jnpsd.org

JACKSONVILLE NORTH PULASKI SCHOOL DISTRICT
Middle School Course Requirements

English

- 6th Grade English (Regular, Accelerated)
- 7th Grade English (Regular, Accelerated)
- 8th Grade English (Regular, Accelerated)

Mathematics:

- 6th Grade Math (Regular or Accelerated)
- 7th Grade Math (Regular or Accelerated)
- 8th Grade Math (Regular, Accelerated, Algebra I)

Science

- 6th Grade Science (Regular or Accelerated)
- 7th Grade Science (Regular or Accelerated)
- 8th Grade Science (Regular, Accelerated, Physical Science-Integrated*)

(*Students enrolled in Physical Science must meet the requirements for Algebra I and be enrolled in Algebra I)

Social Studies

- 6th Grade Social Studies (Regular or Accelerated)
- 7th Grade Social Studies (Regular or Accelerated)
- 8th Grade Social Studies (Regular, Accelerated)

Required Electives:

- Physical Education
- Fine Arts
- Tools for Learning
- Career and Technical Education
- Health and Safety
- Arkansas History

JACKSONVILLE NORTH PULASKI SCHOOL DISTRICT

Middle School Course Offerings

LANGUAGE ARTS

Course Title: Language Arts 6

Course Number: 366110

This course emphasizes mechanics, language usage, and spelling skills. Reading emphasis is on informational/explanatory texts. Writing emphasis is on writing arguments, informational/explanatory texts, and narratives.

Course Name: Language Arts 6 Accelerated

Course Number: 366115

Prerequisite: Teacher recommendations & Test scores

This accelerated Language Arts course is designed for students who are interested in preparing for Advanced Placement courses in high school. Students will continue to develop learning/thinking/study skills as they define the application of advanced grammatical concepts, build vocabulary and develop advanced writing skills with emphasis on organization, research skills, paraphrasing, creative writing and critical reading and analysis of literature. Students will apply knowledge of technology to research, writing and multimedia presentations.

Course Name: Language Arts 7

Course Number: 377110

Students are presented necessary grammar, literature, and composition skills. Stress is placed on concise writing, and spelling is taught within the framework of the program. Reading emphasis is on informational/explanatory texts. Writing emphasis is on writing arguments, informational/explanatory texts, and narratives.

Course Name: Language Arts 7 Accelerated

Course Number: 377115

Prerequisite: Teacher recommendation & Test scores

This course is available to students who show proficiency in basic language skills and are able to meet the challenge of in-depth study of literature, vocabulary development and composition. Students are placed in this course through teacher recommendation, skills, interest and commitment. Composition emphasis is on the narrative essay.

Course Name: Language Arts 8

Course Number: 388110

Students improve reading and writing skills through the study of literature, particularly the short story. Reading emphasis is on informational/explanatory texts. Writing emphasis is on writing arguments, informational/explanatory texts, and narratives.

Course Name: Language Arts 8 Accelerated

Course Number: 388115

Prerequisite: Teacher Recommendation

The development and use of language skills progress through composition and the in-depth study of literature. Composition focuses on the expository essay. Placement is based on skill proficiency, interest, commitment, and teacher recommendations.

Course Name: ELA Intervention

Course Number: 366120; (377120 for 7th); (388120 for 8th)

This course provides students who need additional support in ELA time during the school day to focus on the essential skills and provide supplemental instruction on the skills being taught in their ELA class. Placement is based on their ACT Aspire scores from the previous grade.

MATHEMATICS

Course Name: Math 6

Course Number: 366310

The students will use their prior knowledge of multiplication and division to develop conceptual understand and application usage of ratios and rates. They will extend fractional operations for division of fractions. Students will extend the notation of the number system of rational numbers to include negative numbers. They will write, interpret, and use expressions and equations. They will develop an understanding of statistical thinking by expanding their ability to describe and summarize numerical data sets. They will build on their learning from elementary school geometry in decomposing or removing sections of areas and volumes. Students will prepare for the work on scale drawing and constructions of polygons in the coordinate plane.

Course Name: Math Accelerated 6

Course Number: 366316

Prerequisites: Teacher Recommendation & Test scores

This accelerated course emphasizes advanced/accelerated concepts and skills as sequential preparation for Advanced Placement Mathematics courses in high school. The curriculum will cover 6th, grade content with extension requirements that will enrich and deepen the content.

Course Name: Math 7

Course Number: 377310

The study of ratios and rates from Math 6 will be extend to the understanding and application of proportional relationships (example: discount, interest, taxes..). Students will develop an understanding of the operations with rational numbers and working with expressions and linear equations. They will solve problems involving scale drawing and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume. They will build on previous understanding to model and analyze outcome/events and drawing inferences about populations based on samples.

Course Name: Math 7 Accelerated

Course Number: 377315

Prerequisite: B or Higher in 6th Grade Math, Teacher Recommendation, Math Screener, Test Scores

This course is designed to challenge students and prepare them for Advanced Placement Mathematics courses in high school. Students will improve learning/thinking/study skills with emphasis on problem-solving and real world applications. Students will apply knowledge of technology and connect algebraic applications to other topics in mathematics as well as other fields This course differs from the non-accelerated 7th Grade course in that it contains content from 8th grade. The curriculum will cover 7th grade math standards and prescribed portions of the 8th grade standards.

Course Name: Math 8

Course Number: 388310

Students will formulate and reason about expressions and equations, including modeling an association in bivariate data with a linear equation, and solve linear equations and system of linear equations. They will develop an understanding of a function and use functions to describe quantitative relationships. They will analyze two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understand and apply the Pythagorean Theorem. They will work with irrational numbers, integer exponents and scientific notation.

Course Name: Algebra I

Course Number: 430000

Prerequisite: Grade of B or better in 7th Accelerated Math, Math

Screener and teacher recommendation

The CCSS Algebra I course focuses on work with the real number system, algebraic structures, equations, inequalities, and functions. Additional emphasis is given to modeling and interpreting categorical and quantitative data. Arkansas teachers are responsible for integrating appropriate technology and including the eight Standards for Mathematical Practice found in the Common Core State Standards for Mathematics (CCSS-M). ***The grade in this course will count towards the student's high school grade point average (G.P.A.).** This is a high school course and requires that students adhere to the high school guidelines in order to receive high school credit for the class.

Course Name: Math Intervention

Course Number: 366320; (377320 for 7th); (388320 for 8th)

This course provides students who need additional support in Math time during the school day to focus on the essential skills and provide supplemental instruction on the skills being taught in their Math class. Placement is based on their ACT Aspire scores from the previous grade.

SCIENCE

Course Name: Science 6

Course Number: 366210

This integrated science course provides an overview of life, earth, space, and physical science concepts in the context of real world problems. The course emphasizes the use of problem-solving and content application to examine current issues in science. Hands-on labs will be a major focus. **Twenty percent lab required.**

Course Name: Science 6 Accelerated

Course Number: 366215

This accelerated science course is designed for students who are interested in preparing for Advanced Placement science courses in high school. The content focuses on life, earth, space, and physical science concepts and is designed to develop skills and content knowledge necessary to succeed in advanced courses. Higher order thinking skills are reinforced through hands-on application, interdisciplinary projects, and laboratory experiences. **Twenty percent lab required.**

Course Name: Integrated Science 7

Course Number: 377210

This integrated science course provides an overview of life, earth, space, and physical science concepts in the context of real world problems. The course emphasizes the use of problem-solving and content application to examine current issues in science. Hands-on labs will be a major focus. **Twenty percent lab required.**

Course Name: Science 7 Accelerated**Course Number: 377215**

This accelerated integrated science course is designed for students who are interested in preparing for Advanced Placement science courses in high school. The content is integrated with a focus on the development and extension of skills necessary to succeed in advanced courses. Higher order thinking skills are reinforced through hands-on application, interdisciplinary projects and labs. **Twenty percent lab required.**

Course Name: Science 8**Course Number: 388210**

This integrated science course provides an overview of life, earth, space, and physical science concepts in the context of real world problems. The course emphasizes the use of problem-solving and content application to examine current issues in science. Hands-on labs will be a major focus. **Twenty percent lab required.**

Course Name: Science 8 Accelerated**Course Number: 388215**

This accelerated, integrated science course is designed for students who are interested in preparing for Advanced Placement science courses in high school. The concepts of life, earth space, and physical science are integrated with a focus on the development and extension of skills necessary to succeed in advanced courses. Higher order thinking skills are reinforced through hands-on application, interdisciplinary projects and labs. **Twenty percent lab required.**

Course Name: Physical Science- Integrated**Course Number: 423000**

Prerequisite: Teacher recommendation, test scores, enrollment in Algebra I

This course provides an introduction to the basic principles of chemistry and physics. Emphasis will be placed on developing the concepts that relate to the laws of force and motion, light, sound, the elements, the periodic table, and chemical reactions. ***The grade in this course will count towards the student's high school grade point average (G.P.A.).** This is a high school course and requires that students adhere to the high school guidelines in order to receive high school credit for the class.

SOCIAL STUDIES

Course Name: Social Studies 6**Course Number: 366710**

This course is designed to provide students with information related to the development of America from the Civil War to the present.

Course Name: Social Studies 6 Accelerated**Course Number: 366715**

This accelerated course is designed for students who want to prepare for advanced placement social studies courses in high school. The content is organized to develop and extend the skills inherent to success in the social studies, such as advanced map skills, primary source research, analysis and higher order thinking skills. The content will focus on the development of America from the Civil War to the present.

Course Name: Social Studies Grade 7**Course Number: 377710**

This course provides a study of both physical and human geography of the world through a geographic lens. Students will study the continents and regions across the globe, they will learn about the historic, cultural, economic, and political development as well as interconnections that occur in both human and

physical systems of each area. Students will develop the perspective of a global citizen, understanding that global-scale issues and problems are resolved through extensive collaboration among the world's peoples, nations, and economic organizations.

Course Name: Arkansas History

Course Number: 378720

The first Semester of this course will be devoted to the study of Arkansas History. The second Semester will be devoted to the study of World History from early man to the Renaissance period.

Course Name: Social Studies 8

Course Number: 388710

This course will focus on the study of world history from the Renaissance to the present.

Course Name: World Studies II 8 Accelerated

Course Number: 388715

This course is designed to prepare students for PAP and AP social studies classes in high school. The content will focus on the study of world history from the Renaissance to the present.

ELECTIVE COURSES

BUSINESS/CAREER AND TECHNICAL EDUCATION

Course Name: Keyboarding

Course Number: 399050

Keyboarding is a one-Semester course designed to help students develop speed and accuracy by learning the touch operation of alphanumeric/keyboard characters.

Course Name: Information and Communications Technology

Course Number: 378910

This course is designed to prepare students for transition into 9th grade. This course is the culmination of skills mastered previously while adding database and electronic presentation skills.

Course Name: Introduction to Business Communications and Technology

Course Number: 378920

Prerequisite: **Keyboarding**

Introduction to Business Communications and Technology is the first semester of a two-semester foundation sequence designed to provide students with the necessary foundation skills to be successful in a technology enriched world. Word processing skills will be expanded as well as the introduction to basic spreadsheet functions and manipulation.

Course Name: Career Development

Course Number: 399280

This foundation course uses hands-on activities and research to provide an opportunity for exploring the 16 career clusters. It is the point at which educational development begins with the establishment of individual career plans.

Course Name: Computerized Business Applications Blended

Course Number: 492120

Prerequisite: Keyboarding or equivalent Fulfills ACT 1280

(High School Credit). A two-semester course designed to prepare students with an introduction to business applications, which are needed to live and work in the 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 course is for 7th and 8th grade.**

EAST

Course Number: EAST I

Course Name: 399191

EAST is a project-based, service-oriented course that blends high-end technology with service projects.

Students in EAST I will spend much of their time self-directed and working self-paced as they use available technology (CAD, GIS/GPS, computer aided modeling and design, animation, programming, network design and maintenance, etc.) and the basics of project-based learning to solve problems in their local communities.

Course Name: EAST II

Course Number: 399192

EAST II is a continuation of EAST I with a focus on mentoring, leadership, and improved communication to identify and use available technologies in the EAST classroom to solve problems in their local communities.

Course Name: EAST III

Course Number: 399193

EAST III is a continuation of EAST II with a focus on mentoring, leadership, and improved communication to identify and use available technologies in the EAST classroom to solve problems in their local communities.

ENGLISH LANGUAGE LEARNER

Course Name: English Language Learner

Course Number: 971601

This course is designed to meet the needs of English Language Learners through a comprehensive sheltered literacy curriculum. Emphasis will be on building basic interpersonal communication, language acquisition and development, and cognitive/academic language proficiency through specialized materials, activities and scaffolded lessons to address CCSS ELP/ELA standards in all four domains of language.

Course Name: English Language Learner

Course Number: 971602

This course is designed to meet the needs of English Language Learners through a comprehensive sheltered literacy curriculum. Emphasis will be on building basic interpersonal communication, language acquisition and development, and cognitive/academic language proficiency through specialized materials, activities and scaffolded lessons to address CCSS ELP/ELA standards in all four domains of language.

Course Name: English Language Learner

Course Number: 971603

This course is designed to meet the needs of English Language Learners through a comprehensive sheltered literacy curriculum. Emphasis will be on building basic interpersonal communication, language

acquisition and development, and cognitive/academic language proficiency through specialized materials, activities and scaffolded lessons to address CCSS ELP/ELA standards in all four domains of language.

FAMILY/CONSUMER SCIENCE

Course Name: Family and Consumer Science Investigations

Course Number: 399080

Family and Consumer Science Investigations is a Semester course where emphasis is given to the development of competencies related to Family Career and Community Leaders of America; personal and family development; relationships; home environment; food and nutrition; wellness; resource management; responsible child care; clothing and appearance; and career preparation. Upon completion, the student will be able to see the interrelationship between work and family life, and develop skills necessary to function in an ever changing society. Semester courses include a survey of Leadership, Personal Finance, and Cooking/Sewing.

Course Name: Exploring Personal Finance

Course Number: 399260

Students are exposed to banking, budgeting, financing, mortgages, and other financial life skills.

FINE ARTS

Course Name: General Music 6

Course Number: 366560

Students are exposed to fundamental music skills. This course can be the fine art elective or can be a supplemental class for those students who are in band or choir. This course is part of the 9-weeks rotation.

Course Name: General Music 7/8

Course Number: 358560

Students are exposed to fundamental music skills. This course can be the fine art elective or can be a supplemental class for those students who are in band or choir. This is a semester course.

Course Name: Beginning Band

Course Number: 358540

Students learn the fundamental skills of their chosen or selected instrument. This is for students who have never been in band before regardless of their grade. There are requirements for activities that occur outside of the normal school day. Parents are often required to buy the instrument and transport their scholar to those activities.

Course Name: Instrumental Music

Course Number: 377540 (7th Grade); 388540 (8th Grade)

Students in their second or third year of band are enrolled in this course. Students are advancing in their skill level on their chosen instrument. Parents are required to purchase supplies and provide transportation to after school activities.

Course Name: 6th Grade Choir

Course Number: 366530

Students learn the fundamental skills of choir.. This is for 6th grade students who have never been in choir. There are requirements for activities that occur outside of the normal school day. Parents are often required to buy supplies and transport their scholar to those activities.

Course Name: Choir

Course Number: 358530

Students in their second or third year of choir are enrolled in this course. Students are advancing in their skill level. Parents are required to purchase supplies and provide transportation to after school activities.

Course Name: Fine Arts

Course Number: 358510

General information about all components of art are taught in this course. It is a survey course and will count for the fine art requirement. This course is open to grades 6-8 and is a semester course than can be repeated for those students interested in art.

Course Name: Visual Art

Course Number: 366510

Students are exposed to visual art of all genres. Students are expected to produce original artwork at each level of this course. Students will develop skills and enhance their skills as they promote through the grades. Most supplies are provided; but there are minimal purchases required by the parent. This course is part of the 9-weeks rotation.

FOREIGN LANGUAGE

GRADE 6

Course Name: Intro to Foreign Language

Course Number: 358410

This course introduces the students to a second language. This is accomplished through listening, speaking, reading, writing, and basic grammar skills. There is an emphasis on the culture of Latin American countries and their customs.

Course Name: Spanish I

Course Number: 440000

(High School Credit) This course provides the student with beginning listening, speaking, reading, and writing skills necessary to communicate in Spanish. The study of Hispanic culture includes daily life, customs, and a brief study of significant historical events. **(This course is open to 7th and 8th grade).**

Course Name: Spanish II

Course Number: 440020

(High School Credit) Improves the skills acquired in Spanish. This course provides further development of vocabulary, grammar skills, and oral proficiency. The study of Hispanic culture, customs, and history continues.

HEALTH/PHYSICAL EDUCATION/RECREATION

Course Name: Physical Education

Course Number: 358810

A variety of learning experiences from team and individual sports, lifetime sports, and self-testing activities will be introduced. The life-long use and enjoyment of physical activities for the maintenance of health and recreation will be emphasized. This course meets the state regulations requiring an average of 60 minutes per week of physical education.

Course Name: Health and Fitness

Course Number: 358850

This course will include topics and information that will help adolescent students make informed decisions about their current and long-range health. The active part of this program will stress fitness strategies appropriate for grades 5-8 middle school students.

Course Name: Introduction to Sports (Boys) 7

Course Number: 377810

The seventh grade program is an introductory program in athletics with controlled competition and limited intramural school contests. Emphasis will focus on an athletic structure associated with teaching positive athletic discipline, basic sports fundamentals, skills, rules, strategies, and physical development.

This course meets the state regulation requiring an average of 60 minutes per week of physical education.

Course Name: Introduction to Sports (Girls) 7

Course Number: 377811

The seventh grade program is an introductory program in athletics with controlled competition and limited intramural school contests. Emphasis will focus on an athletic structure associated with teaching positive athletic discipline, basic sports fundamentals, skills, rules, strategies, and physical development.

The goal is to promote individual motivation and readiness to participate in future competitive sports in our school athletic program. **This course meets the state regulation requiring an average of 60 minutes per week of physical education.**

Course Name: Athletics (Boys) 8

Course Number: 388810

This course is a continuation of the seventh grade program, with a degree of advanced athletic techniques and skills. **This course meets the state regulation requiring an average of 60 minutes per week of physical education.**

Course Name: Athletics (Girls) 8

Course Number: 388811

This course is a continuation of the seventh grade program with a degree of advanced athletic techniques and skills. **This course meets the state regulation requiring an average of 60 minutes per week of physical education.**

SKILLED AND TECHNICAL SCIENCES

Course Name: Automation and Robotics

Course Number: 399110

Students trace the history and development of automation and robotics. They learn about structures, energy transfer and machine automation. They also find out what they need to study in high school and beyond to prepare for careers in engineering.

Course Name: Design and Modeling**Course Number: 399120**

Students will learn the uses of solid modeling. They will be introduced to the design process and shown how this technology has influenced their lives. Using design briefs or abstracts, students create models and documentation to solve problems.

Course Name: Career Medical Detectives**Course Number: 399130**

Students play the role of real-life medical detectives as they collect and analyze medical data to diagnose disease. They solve medical mysteries through hands-on projects and labs, measure and interpret vital signs, dissect a sheep brain, investigate disease outbreaks, and explore how a breakdown within the human body can lead to dysfunction.

Course Name: Flight and Space**Course Number: 399250**

The exciting world of aerospace comes alive through Flight and Space. During this unit, students delve into the history of flight and space, discover the science behind aeronautics, and explore traveling and living in space. Students are then challenged to use their knowledge to design, build, and test an airfoil.

SPECIAL EDUCATION: EDUCATION FOR STUDENTS WITH INDIVIDUAL EDUCATION PLANS

Course Name: CBI: Sped Self-Contained**Course Number: 971541****Prerequisite: Placement**

This course emphasizes functional instructional activities that will enable students to become more independent in domestic, vocational, community and recreational leisure environments.

Course Name: MATH NCSC MATH: MATH ALTERNATE ASSESSMENT**Course Number: 972352****Prerequisite: Placement**

This course is designed for the special education student who exhibits significant academic and cognitive deficits. The following eligibility criteria must be met for participation in the Alternate Assessment(s) as determined by the IEP team:

1. The student has a significant cognitive disability.
2. The student's learning content is linked to (derived from) the Common Core State Standards (CCSS).
3. The student requires extensive direct individualized instruction and substantial supports to achieve measurable gains in the grade-and age-appropriate curriculum.

Course Name: LANG ARTS NCSC ELA: ELA ALTERNATE ASSESSMENT**Course Number: 972122**

Grade 6-7-8 Prerequisite: Placement

This course is designed for the special education student who exhibits significant academic and cognitive deficits. The following eligibility criteria must be met for participation in the Alternate Assessment(s) as determined by the IEP team:

1. The student has a significant cognitive disability.
2. The student's learning content is linked to (derived from) the Common Core State Standards (CCSS).

3. The student requires extensive direct individualized instruction and substantial supports to achieve measurable gains in the grade-and age-appropriate curriculum.

Course Name: SOCSTUD: Curriculum Lab Social Studies

Course Number: 97154B

Prerequisite: Placement

This course is designed for the special education student who exhibits severe academic and cognitive deficits. The student requires individualized instruction to develop basic skills and practical application in Social Studies in order to acquire skills essential for meeting grade level standards.

Course Name: SCIENCE Portfolio (Grade 7): Science Alternate Assessment

Course Number: 973912

Prerequisite: Placement

This course is designed for the special education student who exhibits significant academic and cognitive deficits. The IEP team has determined that the student's records indicate that the student has a significant cognitive disability and/or multiple disabilities that significantly impact intellectual functioning and adaptive behavior essential for someone to live independently and to function safely in daily life.

Course Name: SCIENCE: Curriculum Lab Science

Course Number: 97154F

Prerequisite: Placement

This course is designed for the special education student who exhibits severe academic and cognitive deficits. The student requires individualized instruction to develop basic skills and practical application in Science in order to acquire skills essential for meeting grade level standards.

Course Name: SOC SKILLS: Social Skills

Course Number: 97154G

Prerequisite: Placement

The emphasis of this course focuses on training students to demonstrate appropriate social behavior and develop social problem solving skills through teacher directed activities, modeling, role playing, and systematic instruction.

Course Name: READING: Curriculum Lab Reading

Course Number: 972110

Prerequisite: Placement

This course is designed for the special education student who exhibits severe academic and cognitive deficits. The student requires individualized instruction to develop basic skills and practical application in Reading in order to acquire skills essential for meeting grade level standards.

Course Name: RES LANG ARTS: Resource Language Arts

Course Number: 97210X

Prerequisite: Placement

This course is designed for the special education student who exhibits academic and cognitive deficits. The student requires individualized instruction to develop basic skills and practical application in Reading in order to acquire skills essential for meeting grade level standards.

Course Name: RES MATH: Resource Mathematics

Course Number: 972300

Prerequisite: Placement

This course is designed for the special education student who exhibits academic and cognitive deficits. The student requires individualized instruction to develop basic skills and practical application in Mathematics in order to acquire skills essential for meeting grade level standards.

Course Name: RES SCIENCE: Resource Mathematics

Course Number: 972202

Prerequisite: Placement

This course is designed for the special education student who exhibits academic and cognitive deficits. The student requires individualized instruction to develop basic skills and practical application in Science in order to acquire skills essential for meeting grade level standards.

SUPPLEMENTAL INSTRUCTION

Course Name: Titan Learning Strategies

Course Number: 999000

This class is designed to provide additional time and opportunity for academic skill development. Class time is considered an extension of each student's required coursework and will be used for independent practice of required competencies.

Course Name: GT Seminar

Course Number: 970800

Identified students in the Gifted and Talented program are allowed to enroll in this course. Their normal curriculum is expanded in this class and they are presented with hands on activities that expand their learning.

Course Name: AVID

Course Number: 358906; 358907

Students selected for AVID are those that have the ability to take advanced classes and go to college but who lack the organization, motivation, and academic skills necessary to be successful. The AVID Elective teacher works with the AVID core teachers to teach the skills that are lacking and to provide extra activities, strategies, and experiences that will meet the gaps in the student. Students in AVID must be enrolled in at least one Pre-AP class every year that they are in AVID. This course is part of the College and Career Readiness Special Program. Students must apply to be a candidate and their parents must sign the application. There is a limit of slots available each year for AVID and it is currently offered to 6th and 7th students.

JACKSONVILLE NORTH PULASKI SCHOOL DISTRICT
ARKANSAS GRADUATION REQUIREMENTS
SMART CORE INFORMATION

English - 4 units

- English 9th*
- English 10th*
- English 11th*
- English 12th*

Mathematics - 4 units; At least one MATH unit must be taken in 11th or 12th Grade

- Algebra I*
- Geometry*
- Algebra II*
- Fourth Math* - Algebra III, Quantitative Literacy, Pre-Calculus, Calculus, or an AP Mathematics course

Science 3 units with lab experience

- Biology* - 1 unit

Two units from the following options:

- Physical Science
- Chemistry
- Physics

Social Studies - 3 units

- American History - 1 unit
- Civics - ½ unit
- Economics w/ Personal Finance - ½ unit
- World History - 1 unit*

Oral Communications - ½ unit

Physical Education - ½ unit

Health & Safety - ½ unit

Economics - ½ unit (may be counted toward Social Studies or Career Focus)

Fine Arts ½ unit

Career Focus - 6 units

******Note: Comparable Advanced Placement and Concurrent Credit Colleges course may be substituted where applicable.**

Additional Graduation Requirements

- Students must be enrolled in Math and English every year.
- Personal Finance* – Beginning with the freshmen class of 2017-18, students are required to complete a course that includes specific personal finance standards.
- Each high school student shall be required to take at least one digital learning course for credit to graduate.
- Beginning with the 2017-2018 11th grade class each high school student shall be required to take and pass with 60% or above on the ADE Civics exam
- Smart Core is the default graduation requirements for all students; therefore, signatures are no longer required to participate.
- Student Success Plans beginning in 8th grade for all students in accordance with Smart Core requirements.
- Beginning with the freshman class of 2018-19, students are required to have 22.5 credits to graduate

HONOR GRADUATE REQUIREMENTS

Honors: Meet Smart Core Curriculum, 3.50 GPA based on 8 semesters, completion of 2 years of the same foreign language, and completion of two (2) Advanced Placement units of credit. Each semester of a concurrent credit course will count as 0.5 AP class.

High Honors: Meet requirements of Honor Graduate and complete four (4) AP units of credit. Each semester of a concurrent credit course will count as 0.5 AP class

Highest Honors: Completion of six (6) Advanced Placement units of credit. Each semester of a concurrent credit course will count as 0.5 AP class

GRADING SYSTEM

A year-long course is valued as one (1) unit.

Grade Points	AP Grade Points	Grading Scale
A=4	A=5	A= 90-100
B=3	B=4	B= 80-89
C=2	C=3	C= 70-79
D=1	D= 2	D= 60-69
F=0	F=0	F= 59 & below
*** AP assessments are required for weighted GPA***		

Getting Ready and Paying For College

Testing & Preparation

Additional information:

- Take the PSAT, ACT and other tests at the recommended time.
- Take rigorous courses including Concurrent, Advanced Placement courses.
- Consult with your high school counselor regularly.
- Review the Senior Timeline to be sure that deadlines are met.

Testing Timeline

PSAT/NMSQT

2nd week in October

Juniors - Qualification for National Merit Scholarship
Competition Sophomores-Practice only

ACT

Offered 7 times per year

Seniors encouraged to take in the Fall

Juniors encouraged take it in the Spring (ACT is administered free to all Juniors in the Spring)

Register online at www.actstudent.org

Students qualifying for Free or Reduced Lunch should see their counselor for a fee waiver. (The ACT exam includes an interest inventory, biographical data, and four tests of educational development that are used by colleges for admission, advising, course placement, and scholarship selection.) The ACT is intended for those student who have completed or enrolled in at least Algebra II. To prepare for the ACT, participate in ACT boot camps or ACT Prep courses.

SAT I - Reasoning Test

SAT II - Subject Tests

Offered 7 times

Seniors encouraged to take in the fall; juniors in the Spring

Register online at www.collegeboard.com

(The SAT I exam is primarily a multiple-choice test that measures verbal and mathematical reason abilities. Some colleges also require SAT II subject tests.)

Accuplacer

Juniors and Seniors may chose to take the Accuplacer to determine their level of college readiness. In some cases students may choose to take the Accuplacer instead of the ACT or SAT. Students should consult their counselor to determine if the Accuplacer is best for them.

Arkansas Scholarships

The Arkansas Department of Higher Education offers scholarship and grant programs to qualified graduating seniors. For complete information, visit the Arkansas Department website, your one-stop shop for Arkansas state financial aid at www.adhe.edu .

Arkansas Academic Challenge (Lottery) Scholarship The Arkansas Academic Challenge (Lottery) Scholarship is open to high school seniors and non-traditional students who are Arkansas residents. Students must earn a minimum composite score of 19 on the ACT. All students applying for the Arkansas Academic Challenge application at www.adhe.edu , refer to the website for deadlines.

Arkansas Governor's Distinguished Scholarship The Arkansas Governor's Scholarship Program is open to high school seniors with a 32 ACT or a 1410 SAT and a 3.5 grade point average. Application deadline is February 1. To apply go to the www.adhe.edu website. AR Future Grant (ArFuture) and other scholarships can be found at - www.adhe.edu

Sports Scholarships, Athletic Scholarships and Financial Aid for Student Athletes The NCAA Clearinghouse can be accessed by calling toll free 1-877-262-1492 or by going to the website at www.ncaaclearinghouse.net . The clearinghouse is available for students and parents to provide general information about NCAA Division I and Division II initial-eligibility requirements. It is the responsibility of the parent and the student athlete to know all the eligibility requirements in order to register with the NCAA Clearinghouse.

Information regarding students National Association of Intercollegiate Athletics (NAIA) eligibility can be found at www.playnaia.org .

High School Course Offerings

ENGLISH

Course Title: English 9
Course/Unit Credit: 1 (one year)
Course Number: 410000

Appreciation of literature is taught through the study of a variety of genres including short stories, dramas, novels, and epics with a focus on comparison and contrast of print versus non-print sources. Experiences with grammar and composition are expanded in variety. Reading emphasis is on informational texts. Writing emphasis is on writing argument, informational/explanatory, and narratives.

Course Title: English 9 Accelerated
Course/Unit Credit: 1 (one year)
Course Number: 410005

Project based learning is an integral part of this course with teaches an appreciation of literature through the study of a variety of genres including short stories, dramas, novels, and epics with a focus on comparison and contrast of print versus non-print sources. Experiences with grammar and composition are expanded in variety. Reading emphasis is on informational/explanatory texts. Writing emphasis is on writing arguments, informational/explanatory texts, and narratives.

Course Title: English 10
Course/Unit Credit: 1 (one year)
Course Number: 411000

Suggested readings for literature are diverse and are not limited to one era or style of writing. Each unit also features analytical, persuasive, and descriptive writing tasks, and there is an ongoing research components. This course includes outside independent reading, competent use of technology.

Course Title: English 11
Course/Unit Credit: 1 (one year)
Course Number: 412000

This course explores the major genres of American literature including nonfiction. Emphasis is placed on Synthesis, Argument and Expository writings as well as grammar.

Course Title: English 12
Course/Unit Credit: 1
Course Number: 413000

This course provides a chronological study of British literature. The course will include a review of grammar and composition skills. Reading emphasis is on informational/explanatory texts. Writing emphasis is on writing arguments, informational/explanatory texts, and narratives.

Course Title: English Fundamentals
Course/Unit Credit: 1
Course Number: 97210E
Grades: 9-12
Prerequisite: Placement

This course is designed for the special education student who exhibits academic and cognitive deficits. The student requires individualized instruction to develop basic skills and practical application in Reading and Written Language in order to acquire skills essential for end of course mastery criteria established by grade level standards.

Course Title: English Fundamentals Alternate Assessment (Grade 11)
Course/Unit Credit: 1
Course Number: 972120
Grades: 11
Prerequisite: Placement

This course is designed for the special education student who exhibits significant academic and cognitive deficits. The student requires individualized instruction to develop basic skills and practical application in Reading and Written Language in order to acquire skills essential for end of course mastery criteria established by grade level standards.

Course Title: AP English Language and Composition
Course/Unit Credit: 1
Course Number: 517030
Grades: 11, 12
Prerequisite: English 10

This accelerated course introduces students to masterpieces of nonfiction American Literature. Emphasis is placed on Synthesis, Argument and Rhetorical Analysis writings as well as grammar. This course also focuses on rhetorical and literary devices, literary analysis, and close critical reading of nonfiction.

Course Title: AP English Literature & Composition
Course/Unit Credit: 1
Course Number: 517040
Grades: 11, 12
Prerequisite: English 10

This course engages students in the careful reading and critical analysis of literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for the reader. Writing involves analysis and interpretation, and may include writing brief focused analysis on aspects of language and structure. .

Course Title: Composition I (Concurrent Credit Course)
Course/Unit Credit: 1
Course Number: 519920/519930
Grades: 10-12
Prerequisite: 19 ACT Composite, 19 Reading ACT, and 19 English ACT

Practice in writing, with an emphasis on personal, expressive writing, as well as transactional writing. Students will focus on organizing and revising ideas and writing well organized, thoroughly developed papers that achieve the writer's purpose, meet the readers' needs, and develop the writer's voice. Final course grades are A, B, C, or NC. **Can satisfy English 10, English 11 or English 12 requirement.**

Course Title: Composition II (Concurrent Credit Course)
Course/Unit Credit: 1
Course Number: 519940
Grades: 11-12
Prerequisite: Completion of Composition I with a C or greater or equivalent

Practice in writing, with an emphasis on academic forms. Students will focus on analysis, argumentation, research, and documentation writing. Final course grades are A, B, C, or NC. **Can satisfy English 12 requirement.**

MATHEMATICS

Course Title: Algebra I
Course/Unit Credit: 1
Course Number: 430000
Grades: 8-12

The CCSS Algebra I course focuses on work with the real number system, algebraic structures, equations, inequalities, and functions. Additional emphasis is given to modeling and interpreting categorical and quantitative data. Arkansas teachers are responsible for integrating appropriate technology and including the eight Standards for Mathematical Practice found in the Common Core State Standards for Mathematics (CCSS-M).

Course Title: Geometry
Course/Unit Credit: 1
Course Number: 431000
Grades: 9-12
Prerequisite: Algebra I

The CCSS Geometry course focuses on concepts such as congruence, similarity, measurement, and dimension. Students will express geometric properties using equations. They will also be expected to model with geometry. Arkansas teachers are responsible for integrating the eight Standards for Mathematical Practice found in the Common Core State Standards for Mathematics (CCSS-M).

Course Title: Algebra II
Course/Unit Credit: 1
Course Number: 432000
Grades: 9-12
Prerequisite: Algebra I (an equivalent Algebra sequence that meets the Algebra I requirement)

The CCSS Algebra II course focuses on the real and complex number systems. Students will study, in-depth, polynomial and rational expressions, equations, inequalities, and functions. Students will model using linear, quadratic, and exponential models. Interpreting data and determining probability will also be an area of focus. Likewise, students will study the basic elements of trigonometry. Arkansas teachers are responsible for integrating the eight Standards for Mathematical Practice found in the Common Core State Standards for Mathematics (CCSS-M).

Course Title: Algebra III
Course/Unit Credit: 1
Course Number: 439070
Grades: 12
Prerequisite: Successful completion of Algebra II

This course will enhance the higher level thinking skills developed in Algebra II through a more in-depth study of those concepts and exploration of some pre-calculus concepts. Students in Algebra III will be challenged to increase understanding of algebraic, graphical, and numerical methods to analyze, translate and solve polynomial, rational, exponential, and logarithmic functions. Modeling real world situations is an important part of this course. Sequences and series will be used to represent and analyze real world problems and mathematical situations. Algebra III will also include a study of matrices and conics. Arkansas teachers are responsible for integrating appropriate technology and including the eight Standards for Mathematical Practice found in the Common Core State Standards for Mathematics (CCSS-M).

Course Title: Pre-Calculus
Course/Unit Credit: 1
Course Number: 433000
Grades: 10-12
Prerequisite: Algebra II

Pre-Calculus will emphasize a study of trigonometric functions and identities as well as applications of right triangle trigonometry and circular functions. Students will use symbolic reasoning and analytical methods to represent mathematical situations, express generalizations, and study mathematical concepts and the relationships among them. Students will use functions and equations as tools for expressing generalizations. Teachers are responsible for including the eight Standards for Mathematical Practice found in the Common Core State Standards for Mathematics (CCSS-M).

Course Title: AP Calculus (AB)
Course/Unit Credit: 1
Course Number: 534040
Grades: 11-12
Prerequisite: Pre-Calculus

This college level course includes the study of functions and their limits, the derived function and its applications, the integral and applications of it, and analytic geometry. Emphasis is placed on solving real world problems using Calculus.

Course Title: AP Calculus (BC)
Course/Unit Credit: 1
Course Number: 534050
Grades: 12
Prerequisite: Pre-Calculus

This college level course emphasizes formal proof in the study of functions and their limits, the elements of differential and integral calculus, analytic geometry, with general and practical applications of calculus, sequences/series and elementary differential equations. Students are expected to take the AP exam.

Course Title: AP Statistics
Course/Unit Credit: 1
Course Number: 539030
Grades: 11-12
Prerequisite: Pre-Calculus

This college level course will include methods of data collection, graphical and numerical techniques to study the data, probability distributions, and statistical inference. Practical applications and computer simulations will be a major part of this study.

Course Title: College Algebra (Concurrent Credit Course)
Course/Unit Credit: 1
Course Number: 539900
Grades: 10-12
Prerequisite: 21 ACT Math score

This college level course is a study of functions including but not limited to, absolute value, quadratic, polynomial, rational, logarithmic, and exponential; systems of equations and matrices. **Can satisfy third or fourth math requirement.**

Course Title: College Trigonometry (Concurrent Credit Course)
Course/Unit Credit: 1
Course Number: 539960
Grades: 11-12
Prerequisite: Completion of College Algebra - 21 ACT Math score

This college level course will include Circular functions and their graphs, identities, angles and their measure, functions of angles, right angles, right triangles, Law of Sines, Law of Cosines, inverses of circular functions, solutions of trigonometric equations, complex numbers, and DeMoivre's Theorem. **Can satisfy fourth math requirement.**

Course Title: Resource Math (Non-testing years)
Course/Unit Credit: 1
Course Number: 972300
Grades: 9-12
Prerequisite: Placement

This course is designed for the special education student who exhibits academic and cognitive deficits. The student requires individualized instruction to develop basic skills and practical application in Mathematics in order to acquire skills essential for end of course mastery criteria established by grade level standards.

Course Title: Math Alternate Assessment
Course/Unit Credit: 1
Course Number: 972350
Grades: 11
Prerequisite: Placement

This course is designed for the special education student who exhibits significant academic and cognitive deficits. The student requires individualized instruction to develop basic skills and practical application in Mathematics in order to acquire skills essential for end of course mastery criteria established by grade level standards.

SCIENCE

Course Title: Biology
Course/Unit Credit: 1
Course Number: 420000
Grades: 9-12

This course introduces biological and ecological concepts dealing with the world of living things. Concepts covered in the course provide background in the history of biology, relationships dealing with structure and function of living things, genetics, system functions and design, plant and animal interdependence, and the chemical nature of life.

Course Title: Biology Accelerated
Course/Unit Credit: 1
Course Number: 420005
Grades: 9-12
Prerequisite: Introduction to Physical Science

This course is an accelerated first year biology course that is designed to enhance the laboratory skills and content backgrounds of students who are interested in taking Advanced Placement Biology in the 11th or 12th grade. Strong emphasis will be placed on concepts dealing with the chemical basis of the structure and function of living organisms. Numerous hands-on activities and laboratories will be an integral part of the course.

Course Title: AP Biology
Course/Unit Credit: 1
Course Number: 520030
Grades: 10-12
Prerequisite: Biology and Teacher Recommendation

This course is designated for sophomores, juniors and seniors who have had Pre AP Chemistry or AP Chemistry and have been successful in one or both of these classes. Pre-AP Biology is another prerequisite. The course also has a mandatory lab component entitled A.T. Biology which must be taken concurrently with

the AP Biology class. AP Biology is a course equivalent to a college freshman biology class and maintains a very rigorous curriculum emphasizing the areas of molecular and cellular biology, organismal biology, and populational biology.

Course Title: Chemistry
Course/Unit Credit: 1
Course Number: 421000
Grades: 9-12

This course is a study of acids, bases, salts, substances composition, solids, liquids, gases, chemical reaction type, and scientific methods of problem solving. The course content is organized from a modern theoretical perspective, and the presentation of chemical theory occupies about two-thirds of the year. Emphasis is on the structure and periodicity of elements. Micro-scale labs in chemistry are also emphasized. Students will be expected to apply algebra skills in solving problems and equations.

Course Title: Chemistry Accelerated
Course/Unit Credit: 1
Course Number: 421000
Grades: 9-12

This course is an accelerated first year Chemistry course designed to enhance the laboratory skills and content backgrounds of students who are interested in taking Advanced Placement Chemistry in the 11th or 12th grade. Acids, bases, salts, substances composition, solids, liquids, gases, chemical reaction type, and scientific methods of problem solving. The course content is organized from a modern theoretical perspective, and the presentation of chemical theory occupies about two-thirds of the year. Emphasis is on the structure and periodicity of elements. Micro-scale labs in chemistry are also emphasized. Students will be expected to apply algebra skills in solving problems and equations.

Course Title: Advanced Placement Chemistry
Course/Unit Credit: 1
Course Number: 521030
Grades: 10-12

This course is a second year of chemistry designed to provide high school students with the same level of chemistry as the introductory course in college. Content of the course includes an examination of stoichiometry, the structure of the atom, molecular orbital modes, Lewis Structures, chemical kinetics, equilibrium systems, solubility products, electrochemistry, thermodynamics, coordination compounds, and organic chemistry. These topics are addressed at a level of application recommended by the College Board.

This course utilizes a college textbook, and the laboratory experiments are designed to meet or exceed those required at the freshman chemistry level.

Course Title: Physical Science
Course/Unit Credit: 1
Course Number: 423000
Grades: 9-12

This course provides an introduction to the basic principles of chemistry and physics. Emphasis will be placed on developing the concepts that relate to the laws of force and motion, light, sound, the elements, the periodic table, and chemical reactions.

Course Title: Physics
Course/Unit Credit: 1
Course Number: 422000
Grades: 9-12
Prerequisite: Algebra I

This course is an examination of the interaction of forces, motion, and energy. Concepts will be developed through the following topics: kinematics, dynamics, laws of planetary motion, conservation laws, electricity and magnetism, wave properties, optics, and acoustics. **Twenty percent lab required.**

Course Title: Resource Science
Course/Unit Credit: 1
Course Number: 972200
Grades: 9-12
Prerequisite: Placement

This course is designed for the special education student who exhibits academic and cognitive deficits. The student requires individualized instruction to develop basic skills and practical application in Science in order to acquire skills essential for end of course mastery criteria established by grade level standards.

Course Title: Resource Science Alternate Assessment (Grade 10)
Course/Unit Credit: 1
Course Number: 973910
Grades: 10
Prerequisite: Placement

This course is designed for the special education student who exhibits significant academic and cognitive deficits. The student requires individualized instruction to develop basic skills and practical application in Science in order to acquire skills essential for end of course mastery criteria established by grade level standards.

SOCIAL STUDIES

Course Title: United States History since 1890
Course/Unit Credit: 1
Course Number: 470000
Grades: 9-12
Prerequisite: None

This course is designed to help students become better informed and more appreciative of their rich American heritage. It begins at the constitutional period and brings the student up to present times. Students are challenged to investigate the historical record and to present sound historical perspectives in the analysis of past- and present-day events. Students will draw upon skills in the following interconnected dimensions of historical thinking: chronological thinking, historical comprehension, historical analysis and interpretation, historical research capabilities, historical issues-analysis and decision-making.

Course Title: Advanced Placement United States History
Course/Unit Credit: 1
Course Number: 570020
Grades: 9-12

AP US History focuses on the development of historical thinking skills (chronological reasoning, comparing and contextualizing, crafting historical arguments using historical evidence, and interpreting and synthesizing historical narrative) and the development of students' abilities to think conceptually about US history from approximately 1491 to the present. Seven themes of equal importance American and National Identity; Migration and settlement; Politics and Power; Work, Exchange, and Technology; America in the World; Geography and the Environment; and culture and Society - provide areas of historical inquiry for investigation throughout the course. these require students to reason historically about continuity and change over time and make comparisons among various historical developments in different times and places. **This course counts as the ADE American History credit.**

Course Title: World History since 1450
Course/Unit Credit: 1
Course Number: 471000
Grades: 10-12
Prerequisite: None

This course provides an in-depth study of the history of human society from Era 6: Emergence of First Global Age 1450-1770 to Era 9: Contemporary World since 1945. World History is designed to assist students in understanding the human condition, how people and countries of the world have become increasingly interconnected across time and space, and the ways different people view the same event or issue from a variety of perspectives. This course develops an understanding of the historical roots of current world issues, especially as they pertain to international/global relations. It requires an understanding of world cultures and civilizations, including an analysis of important ideas, social and cultural values, beliefs, and traditions. Knowledge of past achievements and failures of different peoples and nations provides citizens of the 21st century with a broader context within which to address the many issues facing our nation and the world.

Course Title: Advanced Placement World History
Course/Unit Credit: 1
Course Number: 571020
Grades: 10-12

This course focuses on developing students' understanding of the world history from approximately 8000 BCE to the present. This college-level course has students investigate the content of world history for significant events, individuals, developments, and processes in six historical periods, and develop and use the same thinking skills and method (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides five themes (interaction between humans and the environment; development and interactions of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; development and transformation of social structures) that students explore throughout the course in order to make connections among historical developments in different times and places encompassing the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania. **This course counts as the ADE World History credit.**

Course Title: Civics
Course/Unit Credit: ½ unit
Course Number: 472000
Grades: 10-12
Prerequisite: None

This course is designed to prepare student for the responsibilities of citizenship. Special emphasis is placed on understanding the structure and function of our democratic form of government. This course will also focus on the family, elections, taxes, the economy and foreign policy. The importance of civic participation will also be stressed.

Course Title: Economics with Personal Finance
Course/Unit Credit: ½ unit
Course Number: 474300
Grades: 10-12
Prerequisite: None

Economics is a one-semester court that emphasizes economic fundamentals, microeconomics, macroeconomics, and personal financial management. Students will explore the interrelationships among the roles played by consumers, produces, capital, land, and labor as well as the interrelationship among economic, political, and social lives. Additionally, students will examine the relationship between individual choices and the direct influence of these choices on occupational goals and future earning potential. Economics stresses application, problem-solving, higher-order thinking skills, and use if

classroom performance-based, open-ended assessments with rubrics. This course meets the graduation requirements for the class of 2014 and beyond.

CAREER FOCUS ELECTIVES

JHS Career Pathway Descriptions

The vision of the JHS Career Pathway Program is that all scholar will possess the knowledge and skills necessary to successfully integrate into college and/or the career of their choice while achieving the highest levels of academic success and promotion within their workforce careers.

MEDPRO/CNA:

This course follows the requirements and guidelines set forth by the Department of Health and Human Services, division of the Office of Long Term Care. Students develop patient care skills such as bathing, dressing, toileting and feeding. Instruction is done through theory; classroom, lab and 16 hours of clinical training in a long term care facility. Upon completion of the course a certification exam will be offered to eligible students through the Office of Long Term Care. Good attendance is absolutely necessary. Professionalism is a must. The following courses are required:

Pathway		Program of Study						
Health Services		Medical Professions						
Course Code	Core Requirements	Units of Credit	7th	8th	9th	10th	11th	12th
424030	Human Anatomy & Physiology	1				X	X	X
495350	Foundations of Health Care	1			X	X	X	X
Plus TWO of the Following:								
495360/590260	Medical Terminology /ACE Concurrent Credit MedTerm	.5			X	X	X	X
474500	Sociology	.5			X	X	X	X
493150	Human Relations	.5			X	X	X	X
Certification Courses:								
495310	Medical Clinical Internship/Specialization - CNA	1					X	X
495312	Medical Clinical Internship/Specialization - PHLEBOTOMY/HOME HEALTH	1					X	X

*** Scholars may not take the Medical Clinical Internship/Specialization—Department of Veteran Affairs unless they have successfully passed the CNA Exam**

CRIMINAL JUSTICE:

This instructional program prepares individuals to perform the duties of police and public security officers, including patrol and investigative activities, traffic control, crowd control, and public relations. Within their first year, scholars will learn case laws as well as laws pertaining to search and seizure, arresting aspects, court procedure and self-defense. The second year focuses on investigations, interviewing suspects and working a crime scene. The following Courses are required:

Pathway		Program of Study						
Law Enforcement		Criminal Justice						
Course Code	Core Requirements	Units of Credit	7th	8th	9th	10th	11th	12th
494620	Introduction to Criminal Justice*	1				X	X	X
494630	Foundations of Law Enforcement	1				X	X	X
Plus ONE of the Following:								
494600	Crime Scene Investigation	1				X	X	X
494610	Criminal Law	1				X	X	X

CYBER SECURITY:

Through participation in the Cyber Security Pathway, students will learn to identify, understand, and analyze threats to the digital and physical security of systems. Through these courses students will explore, apply, and advance toward mastery of the design and implementation of security protocols and policies. Students will ensure system and data integrity through troubleshooting, administration, auditing, and efficiency. Students will accomplish tasks and solve problems independently and collaboratively with the tools and skills needed to be successful in college and careers. All courses meet the requirements for Computer Science. Upon completion of this pathway, students have the opportunity to earn entry-level certifications in CompTia A+, Network +, Security+, CSA+ and Certified Ethical Hacker. Prerequisites include:

Pathway		Program of Study						
Computer Science		Cyber Security						
Course Code	Core Requirements	Units of Credit	7th	8th	9th	10th	11th	12th
492120	Computerized Business App (CBA)			x	x			
465210	Computer Science w/Info Sec 1				x			
465220	Computer Science w/Info Sec 2				x			
465230	Computer Science w/Info Sec 3					x	x	x
465240	Computer Science w/Info Sec 4					x	x	x
Plus two of the Following:								
465250	Advanced Information Security 1						X	X
465260	Advanced Information Security 2						X	X
465950	Advanced Penetration Testing 1/Internship							X
465960	Advanced Penetration Testing 2/Internship							X

CULINARY ARTS:

This program of study is designed to expand students' knowledge in the culinary arts profession. Emphasis is given to the study of kitchen staples, principles of cooking, soups, stocks and sauces, dairy products, eggs, fruit and vegetables, grains and pasta cookery, meat cookery and principles of baking. Additional Emphasis areas focus on the study of sauces, garde-manger, advanced meat preparation, advanced poultry preparation, fish and shellfish, candy making, chocolate, advanced baking and pastries, plating, presentation and garnishing, and career opportunities. Upon completion of this course, students should have attained basic skills needed for entry-level employment in the food service industry, customer relations, purchasing and storage of foods, cooking techniques and principles of baking as well as the basic skills needed for employment in the food service industry or further education in culinary arts. The following courses are required:

Pathway		Program of Study						
Restaurant and Food Beverage Service		Culinary Arts						
Course Code	Core Requirements	Units of Credit	7th	8th	9th	10th	11th	12th
493260/592150	Culinary Arts I/Concurrent Credit	1					X	X
493270/592160	Culinary Arts II/Concurrent Credit	1					X	X
493460	Culinary Arts Lab	1					X	X
Plus the Following:								
493080	Family & Consumer Sciences	1			X	X		
493110	Food Safety and Nutrition	1			X	X		
493160	Leadership & Service Learning	0.5			X	X	X	X

EDUCATION & TRAINING (Teacher Cadet):

The Arkansas Teacher Cadets Program is a nationally recognized high school teacher recruitment program aimed at attracting the best and brightest students to the teaching profession. The program provides a curriculum-based, hands-on approach to educate students on the requirements to become a successful teacher and enables students to put their knowledge to work through a classroom internship. The mission of the program is to encourage academically abled students who possess exemplary interpersonal and leadership skills to consider teaching as a career. It provides the opportunity for schools and districts to identify and recruit homegrown teachers and educators, providing a gateway for these academically talented students to return to their communities as education professionals. Teacher Cadets is a rigorous college level, dual credit accrual course. For a student to be eligible to enroll in the Teacher Cadets course, candidates must have a “B” average and successfully complete the application and selection process.

Pathway		Program of Study						
Teaching and Training		Education and Training						
Course Code	Core Requirements	Units of Credit	7	8	9	10	11	12
493240/497100	Orientation to Teaching I/Teacher Cadet Concurrent Credit	1				X	X	X
493290/497110	Orientation to Teaching II/Teacher Cadet II Concurrent Credit	1					X	X
Plus ONE of the Following:								
493080	Family & Consumer Sciences	1			X	X	X	X
493150	Human Relations	0.5			X	X	X	X
493160	Leadership & Service Learning	0.5			X	X	X	X
493020	Child Development & Parenting	1			X	X	X	X
And/Or the following ADE Courses as Electives								
474500	Sociology	0.5				X	X	X
474400	Psychology	0.5				X	X	X

THE AIR FORCE JUNIOR RESERVE OFFICER TRAINING CORPS (JROTC):

The mission of AFJROTC is to "Develop citizens of character dedicated to serving their nation and community." AFJROTC is not an USAF accessions program and cadets are never under any obligation to join the military. AFJROTC is a Title 10 US Code mandated citizenship training program that is designed to educate and train high school cadets in citizenship, promote community service, instill personal responsibility, character, and self-discipline. The program achieves this through classroom education in air and space fundamentals and hands on learning opportunities in a number of fun and challenging extra-curricular activities. This is not a military recruitment class and there is no military service obligation. However, cadets may be eligible to enlist in the military at a higher pay grade upon completion of this course.

The AFJROTC program is grounded in the Air Force core values of "integrity first, service before self, and excellence in all we do." The following Courses are Required:

Pathway		Program of Study						
National Security		JROTC						
Course Code	Core Requirements	Units of Credit	7th	8th	9th	10th	11th	12th
495760	Air Force JROTC I	1			X	X	X	X
495770	Air Force JROTC II	1				X	X	X
Plus ONE of the Following:								
495780	Air Force JROTC III	1					X	X
495880	Air Force JROTC IV	1						X
480950	JROTC Health	1			X	X	X	X
485950	JROTC Physical Education	1			X	X	X	X

AUTOMOTIVE SERVICE TECHNOLOGY:

Automotive Service Technology provides industry-specific training to repair today's high technology vehicles' preparing scholars for employment in dealerships and service centers. Automotive Service Technology (NATEF accredited) – taught by ASE certified instructor, our Maintenance and Light (MLR) repair Auto Service Tech program teaches the various skills required by the auto service/maintenance industry. This includes a background in all 8 specialties offered through ASE-student certifications: Automatic Transaxle, Brakes, Engine Performance, Engine Repair, Electronics, HVAC, Manual Drive Train, and Steering & Suspension. Students will be able to earn concurrent credit through Pulaski Technical College by completing Brakes and two of the other three provided programs.

Pathway		Program of Study						
Mobile Equipment, Maintenance & Repair		Automotive Service Technology						
Course Code	Core Requirements	Units of Credit	7th	8th	9th	10th	11th	12th
494180	Brakes/Manual Drive Train	1			X	X	X	X
494190	Electrical Systems**	1			X	X	X	X
Plus ONE of the Following:								
494200	Engine Performance/Engine Repair**	1			X	X	X	X
494210	Suspension & Steering/Automatic Transmissions	1			X	X	X	X

WELDING TECHNOLOGY:

This program, designed according to the guidelines established by the American Welding Society, includes instruction in different welding processes, joint design and various metallurgical aspects of metal composition. The Technical Certificate in Welding allows students to complete certification requirements in the 3G (vertical) position. A metal testing laboratory is available for welder certification in destructive and non-destructive testing through radiography.

Pathway		Program of Study						
Manufacturing Production		Welding						
Course Code	Core Requirements	Units of Credit	7th	8th	9th	10th	11th	12th
590860	Basic Welding I	3					X	X
590870	Basic Welding II	2					X	X
Plus ONE of the Following:								
495550	Gas Metal Arc	1						X
495580	Shielded Metal Arc	1						X

EARLY COLLEGE CLASSES

The Early College High School Initiative at Jacksonville High School allows students to receive a high school diploma and acquire up to two years of college credit, by taking a mixture of high school and college classes through Post-Secondary Institutions.

Courses offered at University of Arkansas at Little Rock

Course Title: Composition I

Course/Unit Credit: 1

Course Number: 519930

Grades: 11-12

Prerequisite: 19 ACT Composite, 19 Reading ACT, and 19 English ACT

Practice in writing, with an emphasis on personal, expressive writing, as well as transactional writing. Students will focus on organizing and revising ideas and writing well organized, thoroughly developed papers that achieve the writer's purpose, meet the readers' needs, and develop the writer's voice. Final course grades are A, B, C, or NC.

Course Title: Composition II

Course/Unit Credit: 1

Course Number: 519940

Grades: 11-12

Prerequisite: Completion of Composition I with a C or greater or equivalent

Practice in writing, with an emphasis on academic forms. Students will focus on analysis, argumentation, research, and documentation writing. Final course grades are A, B, C, or NC.

Course Title: College Algebra

Course/Unit Credit: 1

Course Number: 539900

Grades: 11-12

Prerequisite: 21 ACT Math score

This college level course is a study of functions including but not limited to, absolute value, quadratic, polynomial, rational, logarithmic, and exponential; systems of equations and matrices.

Course Title: College Trigonometry

Course/Unit Credit: 1

Course Number: 539960

Grades: 11-12

Prerequisite: Completion of College Algebra - 21 ACT Math score

This college level course will include Circular functions and their graphs, identities, angles and their measure, functions of angles, right angles, right triangles, Law of Sines, Law of Cosines, inverses of circular functions, solutions of trigonometric equations, complex numbers, and DeMoivre's Theorem.

Course Title: History of Civilization I

Course Number: 579910

Grades: 10-12

Prerequisite: 19 ACT Composite Score & 19 in ACT Reading

Part one focuses on the history of the world's significant civilizations from their beginnings to approximately AD 1600: the development of integrated political, social, economic, religious, intellectual,

and artistic traditions and institutions within each of those cultures; significant intercultural exchanges.

Course Title: History of Civilization II
Course Number: 579900
Grades: 10-12
Prerequisite: 19 ACT Composite Score & 19 in ACT Reading

Part two focuses on the history of the world's significant civilizations since approximately AD 1600: examination of the persistence of traditional civilizations and the changes in the world order due to the development of modern industrial society, modern science, and the nation state.

Courses offered at University of Arkansas at Pulaski Tech

Course Title: Orientation to Teaching I
Course/Unit Credit: 1
Course Number: 493240/497100
Grades: 10-12
Prerequisite: Teacher Cadet - ACT Composite Score 19, Eng -19, Reading - 19

Orientation to Teaching provides students with knowledge that will help prepare them as future teachers. Upon completion of this course, a student should have a better understanding of the roles of the teacher in the profession, understand developmental characteristics of learners, identify teaching strategies, be creative in lesson delivery, and understand historical and current educational issues, policies, and practices.

Course Title: Orientation to Teaching II
Course/Unit Credit: 1
Course Number: 493240/497100
Grades: 11-12
Prerequisite: Orientation to Teaching I

A continuation of Orientation to Teaching I

Course Title: Culinary Arts I
Course/Unit Credit: 3
Course Number: 493260/592150
Grades: 10-12
Prerequisite:

Culinary Arts I is designed to provide students with an in-depth study of the professional kitchen and culinary applications. Culinary Arts develops skills in customer service, nutrition, food preparation, preservation of foods, purchasing, health and safety in food handling, public and institutional food service, storage preparation, menu planning, and management.

Course Title: Culinary Arts II
Course/Unit Credit: 3
Course Number: 493270/592160
Grades: 12
Prerequisite: Culinary Arts I

Culinary Arts II is designed to provide students with advanced culinary applications, service, and presentation.

Course Title: Metal Fabrication/Welding I
Course/Unit Credit: 3
Course Number: 590860
Grades: 11-12
Prerequisite: None

Metal Fabrication-Welding includes classroom instruction and hands-on skill development in electric arc, plasma arc, Metal Inert Gas (MIG), Tungsten Inert Gas (TIG), and oxy-acetylene welding. Other instruction

includes blueprint reading, related mathematics, and metal fabrication processes and techniques.

Course Title: Metal Fabrication/Welding II
Course/Unit Credit: 3
Course Number: 590870
Grades: 12
Prerequisite: Metal Fabrication/Welding

This course is a continuation of Metal Fabrication I.

CAREER FOCUS ELECTIVES COURSE DESCRIPTIONS

BUSINESS TECHNOLOGY

Course Title: Business Law I
Course/Unit Credit: ½
Course Number: 492070
Grades: 9-12
Prerequisite: None

A one-semester course designed to acquaint the student with some of the legal problems and rights encountered in business transactions. This course will include the judicial systems; laws relating to minors, consumers, and the business firm; elements of contracts, credit, sales contracts; employment laws, commercial paper; insurance and property rights.

Course Title: Business Law II
Course/Unit Credit: ½
Course Number: 492080
Grades: 10-12
Prerequisite: Business Law I

A one-semester course designed to acquaint the student with some of the legal problems and rights encountered in business transactions. This course will continue the study of the judicial systems; laws relating to minors, consumers, and the business firm; elements of contracts, credit, sales contracts, employment laws, commercial paper; insurance and property rights.

Course Title: Computerized Business Applications Blended
Course/Unit Credit: 1
Course Number: 492120
Grades: 9-12
Prerequisite: Keyboarding or equivalent

A two-semester course designed to prepare students with an introduction to business applications, which are needed to live and work in the 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. **Fulfills ACT 1280**

CAREER GUIDANCE, EXPLORATION, AND PREPARATION WORK BASED LEARNING

Course Title: Jobs for Arkansas Graduates I (JAG)
Course/Unit Credit: 1
Course Number: 493780
Grades: 11-12
Prerequisite: Consent of Specialist and Teacher Recommendation & Previous or concurrent enrollment in a CTE class

JAG utilizes the National Jobs for America's Graduates model. It is designed to assist career and technical students whose ability to successfully graduate from high school and obtain meaningful employment is in jeopardy. JAG is designed to help students graduate from high school, obtain successful employment after graduation and/or attend post-secondary institutions. Students enrolled in this program agree to a one-year follow-up after graduation.

Course Title: Jobs for Arkansas Graduates II (JAG)
Course/Unit Credit: 1
Course Number: 493790
Grades: 12
Prerequisite: Jobs for Arkansas Graduates I

JAG II is a program designed to help students graduate from high school, obtain successful employment after graduation and/or attend post-secondary institutions. Students will complete the core competencies that were established in JAG I. Students enrolled in this program agree to a one-year follow up after graduation.

Course Title: Jobs for Arkansas Graduates Work Lab (JAG WK)
Course/Unit Credit: up to 2 per year
Course Number: 493801, 493802
Grades: 11-12
Prerequisite: Placement/Consent of Specialist
Co-requisite: JAG I (493780) or JAG II (493790)

Off-campus training stations are utilized to provide students beginning work experiences in an occupational area. Such work experiences may be unpaid training or paid employment.

Course Title: Internship
Course/Unit Credit: 1
Course Number: 493860
Grades: 11-12
Prerequisite: Completion of 2 CTE courses in a program of study and teacher approval

Internship is a capstone course for all students in programs of study leading to a career goal. Internships rely on well-defined partnerships between high schools, business communities, and post-secondary institutions and apprenticeship programs. The purpose of the program is to help students successfully transition from a high school environment to the environment of their chosen career field.

Course Title: Internship Work-Based Learning
Course/Unit Credit: up to 2 per year
Course Number: 493861, 493862, 493863
Grades: 11-12
Prerequisite: Placement/Consent of Specialist
Co-requisite: Internship (493860)

Off-campus training stations are utilized to provide students beginning work experiences in an occupational area. The student's job must relate to his/her career objective, and the work-site trainer

must develop a list of competencies to be taught on the job that coordinates with classroom competencies and career objectives. A minimum of 135 hours during each semester on the job is required for the work experience credit of 1/2.

CERTIFIED NURSING ASSISTANT - CNA

Course Title: Foundation of Health Care

Course/Unit Credit: 1

Course Number: 495350

Grades: 9-12

Foundations of Health Care is a course that introduces students to a wide range of health careers. Integrated academics combined with health care knowledge and skills provide the framework for a strong health care delivery system in the twenty-first century.

Course Title: Medical Terminology

Course/Unit Credit: ½

Course Number: 495360/590260

Grades: 10-12

Medical terminology is the study of the principles of medical word building to help the student develop the extensive medical vocabulary used in health care occupations. Students receive a thorough grounding in basic medical terminology through a study of root words, prefixes and suffixes.

Course Title: Med Clinic CNA

Course/Unit Credit: 3

Course Number: 495310

Grades: 11-12

Prerequisite: Foundation of Health Care, Medical Terminology, Anatomy & Physiology, TB test, and background check

This course follows the requirements and guidelines set forth by the Department of Health and Human Services, a division of the Office of Long-Term Care. Students develop patient care skills such as bathing, dressing, toileting, and feeding. Instruction is done through theory; classroom, lab and 16 hours of clinical training in a long-term care facility. Upon completion of the course, a certification exam will be offered to eligible students through the Office of Long-Term Care. Good attendance is absolutely necessary. Professionalism is a must.

Course Title: Home Health/Phlebotomy

Course/Unit Credit: 3

Course Number: 495312

Grades: 11-12

Prerequisite: Foundation of Health Care, Medical Terminology, Anatomy & Physiology, TB test, and background check

This course teaches common phlebotomy practices for adults and children and skills required to provide Home Health Care. Students learn how to safely and effectively draw blood using venipuncture and capillary puncture methods for adults and children, plus finger sticks or heel sticks for young children and infants. Home Health Care skills include but not limited to first aid, light house work, food preparation, and assisting clients in home.

CRIMINAL JUSTICE

Course Title: Intro to Criminal Justice
Course/Unit Credit: 1
Course Number: 494620
Grades: 9-12
Prerequisite: None

This course includes the following topics: criminal justice system, criminal justice professions, communicating with others, interpreting criminal and civil laws, legal use of force, and VICA activities. This program will prepare students to perform the duties of police and public security officers, including patrol and investigative activities, traffic control, crowd control and public relations, witness interviewing, evidence collection and management, basic crime prevention methods, weapon and equipment operation and maintenance, report preparation, and other routine law enforcement responsibilities.

Course Title: Foundation of Law Enforcement
Course/Unit Credit: 1
Course Number: 494630
Grades: 10-12
Prerequisite: Intro to Criminal Justice

A study of the history and philosophy of local, state, and federal law enforcement entities in the U.S. with emphasis on the interdependence of law enforcement and other components of the criminal justice system. The course also examines the roles of the police in the administration of justice and the critical issues that affect law enforcement in contemporary society.

Course Title: Criminal Law
Course/Unit Credit: 1
Course Number: 494610
Grades: 10-12
Prerequisite: Intro to Criminal Justice

An involved philosophical analysis of criminal law principles and concepts focusing on both the procedural aspects and the substantive elements of the various crimes, criminal court decisions, and the practical application of such principles and concepts in the courtroom

Course Title: Crime Scene Investigation
Course/Unit Credit: 1
Course Number: 494600
Grades: 9-12
Prerequisite: Intro to Criminal Justice

A course focusing on the various types of evidence used in both civil and criminal proceedings with emphasis on the rules governing the admissibility of evidence and the procedures for handling evidentiary issues in the courtroom.

CYBERSECURITY

Course Title: Comp Science w/ Info Security Level I
Course/Unit Credit: ½
Course Number: 465210
Grades: 9-12
Prerequisite:

Computer Science w/ an Emphasis on Information Security is a introductory course to computer science and programming. This course will cover a wide range of topics including hardware configuration, IT troubleshooting fundamentals, networking and security principles, and beginning programming skills.

Students who complete both courses (Level 1 and 2) have the option to take the A+ Certification Test.

Course Title: **Comp Science w/ Info Security Level 2**

Course/Unit Credit: $\frac{1}{2}$

Course Number: **465220**

Grades: **9-12**

Prerequisite: **Comp Science w/ Info Security Level 1**

Computer Science w/ an Emphasis on Information Security Level 2 is a continuation of the Level 1 course and covers the same topics listed above. Students who complete both courses have the option to take the A+ Certification Test.

Course Title: **Comp Science w/ Info Security Level 3**

Course/Unit Credit: $\frac{1}{2}$

Course Number: **465230**

Grades: **10-12**

Prerequisite: **Comp Science w/ Info Security Level 2**

Computer Science w/ an Emphasis on Information Security Level 3 is an intermediate course diving deeper into the principles of Computer Science. Topics include advance troubleshooting, advance networking, basic router and switch configuration, basic server configuration, advance programming, and advance security principles. Students who complete both courses (Level 3 and 4) have the option to take the Network+ Certification Test.

Course Title: **Comp Science w/ Info Security Level 4**

Course/Unit Credit: $\frac{1}{2}$

Course Number: **465240**

Grades: **10-12**

Prerequisite: **Comp Science w/ Info Security Level 3**

Computer Science w/ an Emphasis on Information Security Level 4 is a continuation of the Level 3 course and covers the same topics listed above. Students who complete both courses have the option to take the Network+ Certification Test.

Course Title: **Advanced Information Security - Level 1**

Course/Unit Credit: $\frac{1}{2}$

Course Number: **465250**

Grades: **11-12**

Prerequisite: **Comp Science Level 1-4**

Advanced Information Security Level 1 is an advance computer science course that covers topic dealing with Cybersecurity. Topics include Cryptography (encryption), securing networks, securing servers, digital forensics, penetration testing, and other security principles. This is class will include hands-on workshops and labs. Students who complete both courses (Level 1 and 2), have the option to take the Security+ Certification Exam.

Course Title: **Advanced Information Security - Level 2**

Course/Unit Credit: $\frac{1}{2}$

Course Number: **465260**

Grades: **11-12**

Prerequisite: **Advanced Information Security Level 1**

Advanced Information Security Level 2 is a continuation of the Level 1 course and covers the same topics listed above. Students who complete both courses have the option to take the Security+ Certification Exam.

Course Title: Advanced Penetration Testing 1/Internship
Course/Unit Credit: ½
Course Number: 465950
Grades: 12

Prerequisite: Advanced Information Security Level 1-2

Advanced Penetration Testing 1/ Internship is a project based advanced security course. Students will be focusing on advance security concepts including but not limited to securing industrial control systems, Internet of Things devices, and mobile devices. Students will spend the majority of the time working in the cyber range with various information security tools. Students will also have the option to participate in internships and mentorships with companies around the Central Arkansas area, based on availability.

Course Title: Advanced Penetration Testing 2/Internship
Course/Unit Credit: ½
Course Number: 465950
Grades: 12

Prerequisite: Advanced Penetration Testing 1

Advanced Penetration Testing 2/ Internship is a continuation of the Level 1 course and includes the same topics as stated above.

EDUCATION FOR STUDENTS WITH DISABILITIES

Course Title: Curriculum for Visually Impaired
Course/Unit Credit: 1
Course Number: 971520
Grades: 9-12
Prerequisite: Vision Consultant must make Recommendation

This course is designed to provide an opportunity during the school day for direct skill instruction to secondary students with visual impairments. Skills are those unique skills, which equip the visually impaired student with the ability to perform and compete equally with his or her peers in a public school setting. Goals and objectives are based on an individual student's needs. This course is limited to students with visual impairment and enrollment is determined by a vision specialist within the Pulaski County Special School District.

Course Title: CBI Special Education Self-Contained
Course/Unit Credit: 1
Course Number: 971540
Grades: 9-12
Prerequisite: Placement

This course emphasizes functional instructional activities, which will enable students to become more independently in domestic, vocational, community and recreational leisure environments.

Course Title: Curriculum Lab English
Course/Unit Credit: 1
Course Number: 97154E
Grades: 9-12
Prerequisite: Placement

This course is designed for the special education student who exhibits severe academic and cognitive deficits. The student requires individualized instruction to develop basic skills and practical application in English in order to acquire skills essential for end of course mastery criteria established by grade level standards.

Course Title: Curriculum Lab Social Studies
Course/Unit Credit: 1

Course Number: 97154H
Grades: 9-12
Prerequisite: Placement

This course is designed for the special education student who exhibits severe academic cognitive deficits. The student requires individualized instruction to develop basic skills and practical application in Social Studies in order to acquire skills essential for end of course mastery criteria established by grade level standards.

Course Title: Curriculum Lab Mathematics
Course/Unit Credit: 1
Course Number: 97154M
Grades: 9-12
Prerequisite: Placement

This course is designed for the special education student who exhibits severe academic and cognitive deficits. The student requires individualized instruction to develop basic skills and practical application in Mathematics in order to acquire skills essential for end of course mastery criteria established by grade level standards.

Course Title: Curriculum Lab Science
Course/Unit Credit: 1
Course Number: 97154N
Grades: 9-12
Prerequisite: Placement

This course is designed for the special education student who exhibits severe academic and cognitive deficits. The student requires individualized instruction to develop basic skills and practical application in Science in order to acquire skills essential for end of course mastery criteria established by grade level standards.

Course Title: Social Skills
Course/Unit Credit: 1
Course Number: 97154S
Grades: 9-12
Prerequisite: Placement

The emphasis of this course focuses on training students to demonstrate appropriate social behavior and develop social problem solving skills through teacher directed activities, modeling, role-playing, group discussion and systematic instruction.

Course Title: Transition and Career Exploration
Course/Unit Credit: 1
Course Number: 971560
Grades: 9-12
Prerequisite: Placement

This course is designed to provide the student with knowledge in transition and career opportunities. This is a vocationally based course appropriate for students who plan to enroll in a regular vocational work/training program in the 11th or 12th grade or for students who plan to work after graduation.

FAMILY AND CONSUMER SCIENCES

Course Title: Child Development and Parenting
Course/Unit Credit: 1
Course Number: 493020
Grades: 10-12

Child Development focuses on skills needed to guide the physical, intellectual, emotional, and social development of children. Upon completion of this course, the student should be prepared to care for and guide the development of a child through all stages of growth—within a family, as a child-care professional, or in other experiences with children. Parenting is designed to assist students in developing an understanding of the parenting process and of parenting skills. Upon completion of this course, a student

should possess skills necessary to provide quality care for children—as a parent, as one employed to care for children, or as one who interacts with children in other settings.

Course Title: Family and Consumer Science
Course/Unit Credit: 1
Course Number: 493080
Grades: 9-12

Family and Consumer Science is designed to provide students with basic information and skills needed to function effectively with 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.

Course Title: Food Safety and Nutrition
Course/Unit Credit: 1
Course Number: 493110
Grades: 10-12

Experiences in the Food and Nutrition course focus on the development of skills needed to select, prepare, and serve food which meets nutritional needs of individuals and families. Upon completion of this course, students should be able to apply sound nutritional practices, which will have a positive effect on their health.

Course Title: Human Relations
Course/Unit Credit: ½
Course Number: 493150
Grades: 10-12

Human Relations focuses on the development of skills needed in order to build and maintain successful relationships in the home, community, and workplace. Upon completion of this course, the student should have a better understanding of self; know how to communicate effectively; and be able to establish and maintain effective relationships with family members, peers, and others.

Course Title: Financial Literacy
Course/Unit Credit: ½
Course Number: 491990
Grades: 10-12

Financial literacy is the ability to use knowledge and skills to manage one's financial resources effectively for lifetime financial security.

FINE ARTS

Course Title: Art I
Course/Unit Credit: 1
Course Number: 450000
Grades: 9-12
Prerequisite: 450000

This is a comprehensive, basic art course at the high school level. Emphasis is placed on the study and application of the fundamentals of art. The opportunity to explore a variety of media is provided through hands-on art experiences. The course includes drawing and design in two and three dimensional forms, commercial art, ceramics, painting, and art. The language of art is stressed through vocabulary study.

This course is required before taking advanced or specialized courses.

Course Title: Drawing I

Course/Unit Credit: 1
Course Number: 450200
Grades: 9-12

Prerequisite: Art I or Recommendation of Teacher for Skill Level

Drawing I is designed for the students interested in developing drawing skills and exploring a variety of media, techniques, and styles in the basic language of art. The emphasis is upon drawing to reflect visual perception and to develop ideas graphically while improving skills in a variety of drawing media. This course is built on the Fine Art Framework.

Course Title: Drawing II
Course/Unit Credit: 1
Course Number: 450210
Grades: 9-12

Prerequisite: Drawing and Design I or Recommendation of Teacher for Skill Level

Drawing II is designed for the students interested in developing drawing skills and exploring a variety of media, techniques, and styles in the basic language of art. The emphasis is upon drawing to reflect visual perception and to develop ideas graphically while improving skills in a variety of drawing media. The course will include surrealism drawing, problem solving activities, contour drawing of figure, still life value drawing, perspective drawing, collage drawing, portrait, landscape drawing, scratch board drawing, drawing using a color medium and self-portrait. This course is built on the Fine Art Framework.

Course Title: Drawing III
Course/Unit Credit: 1
Course Number: 450220
Grades: 11-12

Prerequisite: Drawing and Design II or Recommendation of Teacher for Skill Level

Drawing III is designed for the students interested in developing drawing skills and exploring a variety of media, techniques, and styles in the basic language of art. The emphasis is upon drawing to reflect visual perception and to develop ideas graphically while improving skills in a variety of drawing media. The course will include study in portfolios, exhibition, critique/analysis, art production, and visual journal/sketch pad. This course is built on the Fine Art Framework.

Course Title: Music Appreciation
Course/Unit Credit: ½
Course Number: 453030
Grades: 9-12

Music Appreciation is an introductory course to music. Students will explore music's various functionalities in order to gain a deeper understanding and appreciation for all types of music. The course begins by examining basic music literacy and core musical elements such as melody, rhythm, harmony, form, and texture.

Course Title: PIANO 1 Beginning Piano
Course/Unit Credit: 1
Course Number: 451600
Grades: 9-12

Prerequisites: There is no prerequisite for Music Lab I.

This course content consists of basic piano playing techniques. Technology will be incorporated into the course through pre-loaded software. This course will meet the state fine arts requirement for graduation.

Course Title: PIANO 2 Intermediate Piano
Course/Unit Credit: 1
Course Number: 451610
Grades: 10-12
Prerequisites: Piano 1 or Teacher Recommendation
A continuation of Piano 1.

Course Title: PIANO 3 Advanced Piano
Course/Unit Credit: 1
Course Number: 451620
Grades: 11-12
Prerequisites: Piano 2 or Teacher Recommendation
A continuation of Piano 2.

FOREIGN LANGUAGE

Course Title: Spanish I
Course/Unit Credit: 1
Course Number: 440000
Grades: 9-12
Prerequisite: None

This course provides the student with beginning listening, speaking, reading, and writing skills necessary to communicate in Spanish. The study of Hispanic culture includes daily life, customs, and a brief study of significant historical events.

Course Title: Spanish II
Course/Unit Credit: 1
Course Number: 440020
Grades: 9-12
Prerequisite: Spanish I or Spanish 7 and 8

Improves the skills acquired in Spanish I or (Spanish 7 and 8). This course provides further development of vocabulary, grammar skills, and oral proficiency. The study of Hispanic culture, customs, and history continues

Course Title: Spanish III
Course/Unit Credit: 1
Course Number: 440030
Grades: 9-12
Prerequisite: Spanish II or Spanish II PAP

This course continues to build upon the vocabulary and structure introduced in Spanish I and II PAP. The purpose of this course is to prepare students for the mastery skills necessary for success on the AP Language Exam. This course emphasizes the goal of authentic communication in each of the four language skills: listening, speaking, reading, and writing. These skills will be developed and evaluated through exposure to real French language in various contexts.

Course Title: Advanced Placement Spanish Language
Course/Unit Credit: 1
Course Number: 540070
Grades: 10-12
Prerequisite: Spanish II

This course is for the advanced high school student interested in completing Spanish studies comparable to the third year college level. The course encompasses aural/oral skills, reading comprehension, grammar, composition, and active communication. The course content is designed to prepare the advanced Spanish student for the Advanced Placement Spanish Language Exam. If the AP exam is

taken, this course is weighted on a five-point grading scale.

Course Title: French I
Course/Unit Credit: 1
Course Number: 441000
Grades: 9-12
Prerequisite: None

This course is designed to provide an introduction to the study of the French language. The emphasis is on the development of basic speaking, listening, reading, writing, and grammar skills. Course content concerns situations encountered in daily living with an introduction to culture.

Course Title: French II
Course/Unit Credit: 1
Course Number: 441010
Grades: 9-12
Prerequisite: French I

This second-year course emphasizes conversational usage with concentration on increasing comprehension of the language vocabulary, both spoken and written. The study of grammar and culture is continued at this level.

Course Title: French III
Course/Unit Credit: 1
Course Number: 441030
Grades: 10-12
Prerequisite: French II

This course continues to build upon the vocabulary and structure introduced in French I and II. This course emphasizes the goal of authentic communication in each of the four language skills: listening, speaking, reading, and writing. These skills will be developed and evaluated through exposure to real French language in various contexts.

Course Title: Advanced Placement French Language and Culture
Course/Unit Credit: 1
Course Number: 541060
Grades: 11-12
Prerequisite: French II

This advanced French course seeks to develop language skills that are useful in themselves. Students will polish their competence in listening, reading, speaking, and writing. Extensive training in the organization and writing of compositions is an integral part of the preparation for the AP French Language and Culture Exam. This course is for the advanced high school student interested in completing French studies comparable to the third year college level. If the AP exam is taken, this course is weighted on a five-point grading scale.

HEALTH/PHYSICAL EDUCATION

Course Title: Health Education
Course/Unit Credit: ½
Course Number: 480000
Grades: 9-12
Prerequisite: None

This is a comprehensive course that teaches students to take responsibility for their health and well-being. The physical, mental, and social well-being which affects their overall level of health is emphasized. Units in Drug Education, Family Life, Standard First Aid/CPR, and Cancer complete the

course.

Course Title: Personal Fitness for Life
Course/Unit Credit: ½
Course Number: 485010
Grades: 9-12
Prerequisite: None

This course helps students acquire knowledge, skills, and values that nurture an interest and desire to participate both now and throughout life in health-related fitness, skill-related fitness, racquet sports, volleyball, softball, and basketball.

Course Title: Recreational Sports and Activities
Course/Unit Credit: ½
Course Number: 485020
Grades: 9-12
Prerequisite: Personal Fitness for Life

Planned curriculum that provides content and learning experiences in basic motor skills and movement concepts as they apply to physical activity, lifetime sports, and recreational activities.

Course Title: AFJROTC Health
Course/Unit Credit: ½
Course Number: 480950
Grades: 9-12
Prerequisite: None

AFJROTC Health is for cadets who want to receive health credit while taking one semester of AFJROTC. The AFJROTC program is a citizenship, character development, and leadership program designed to teach life skills. It is a cadet-led organization that offers many opportunities to develop leadership and followership skills. There is no military commitment required for cadets who join AFJROTC. The program offers co-curricular activities (Drill Team, Color Guard, Marksmanship, fitness Team, etc.) and various field trips to enhance the curriculum. **AFJROTC satisfies the ADE requirement for health and safety education.**

Course Title: AFJROTC Physical Education
Course/Unit Credit: ½
Course Number: 485950
Grades: 9-12
Prerequisite: None

AFJROTC Physical Education is for cadets who want to receive health credit while taking one semester of AFJROTC. The AFJROTC program is a citizenship, character development, and leadership program designed to teach life skills. It is a cadet-led organization that offers many opportunities to develop leadership and followership skills. There is no military commitment required for cadets who join AFJROTC. The program offers co-curricular activities (Drill Team, Color Guard, Marksmanship, fitness Team, etc.) and various field trips to enhance the curriculum. **AFJROTC satisfies the ADE requirement for physical education.**

HEALTH/PHYSICAL EDUCATION: ATHLETICS

Course Title: Athletics (Boys)
Course/Unit Credit: 0
Course Number: 99981B
Grades: 9

Prerequisite: Recommendation of Coaching Staff

Emphasis is on advanced athletic techniques, skills, and team success. Athletics will be required to follow a more disciplined training and off-season program than is required in the lower grades. Interscholastic competition is offered in volleyball, basketball, and track and field. ***Students are required to furnish proof of a current physical examination and pay a participation fee.***

Course Title: Athletics (Girls)

Course/Unit Credit: 0

Course Number: 99981G

Grades: 9

Prerequisite: Recommendation of Coaching Staff

Emphasis is on advanced athletic techniques, skills, and team success. Athletics will be required to follow a more disciplined training and off-season program than is required in the lower grades. Interscholastic competition is offered in volleyball, basketball, and track and field. ***Students are required to furnish proof of a current physical examination and pay a participation fee.***

Course Title: Football (Boys)

Course/Unit Credit: 1

Course Number: 99981F

Grades: 10-12

Prerequisite: Recommendation of Coaching Staff

Football season begins in mid-August and ends in mid-November. It consists of interscholastic competition and participants must meet all eligibility rules and regulations of the Arkansas Activities Association. ***Students are required to furnish proof of a current physical examination and pay a participation fee.***

Course Title: Basketball (Boys)

Course/Unit Credit: 0

Course Number: 999813

Grades: 10-12

Prerequisite: Recommendation of Coaching Staff

Basketball season begins approximately November 1, and ends in mid-March. It consists of interscholastic competition and participants must meet all eligibility rules and regulations of the Arkansas Activities Association. ***Students are required to furnish proof of a current physical examination and pay a participation fee.***

Course Title: Basketball (Girls)

Course/Unit Credit: 0

Course Number: 999814

Grades: 9-12

Prerequisite: Recommendation of Coaching Staff

Basketball season begins approximately November 1, and ends in mid-March. It consists of interscholastic competition and participants must meet all eligibility rules and regulations of the Arkansas Activities Association. ***Students are required to furnish proof of a current physical examination and pay a participation fee.***

Course Title: Baseball (Boys)

Course/Unit Credit: 0

Course Number: 99982B

Grades: 10-12

Prerequisite: Recommendation of Coaching Staff

Baseball season begins in mid-February and ends in mid-May. Baseball is a second semester course and students who specialize in baseball may not be placed in the athletic period until the second semester begins. It consists of interscholastic competition and participants must meet all eligibility rules and regulations of the Arkansas Activities Association. ***Students are required to furnish proof of a current physical examination and pay a participation fee.***

Course Title: Softball (Girls)

Course/Unit Credit: 0

Course Number: 99982S

Grades: 10-12

Prerequisite: Recommendation of Coaching Staff

Softball season begins in mid-February and ends in mid-May. Softball is a second semester course. Students who specialize in softball may not be placed in the athletic period until the second semester begins. It consists of interscholastic competition and participants must meet all eligibility rules and regulations of the Arkansas Activities Association. ***Students are required to furnish proof of a current physical examination and pay a participation fee.***

Course Title: Volleyball 10-12 (Girls)

Course/Unit Credit: 0

Course Number: 99982V

Grades: 10-12

Prerequisite: Recommendation of Coaching Staff

Volleyball begins in early September and ends in early November. Interscholastic competition is offered in volleyball. It consists of interscholastic competition and participants must meet all eligibility rules and regulations of the Arkansas Activities Association. ***Students are required to furnish proof of a current physical examination and pay a participation fee.***

LANGUAGE ARTS ELECTIVES

Course Title: Oral Communication

Course/Unit Credit: ½

Course Number: 414000

Grades: 9-12

Prerequisite: None

The one-semester Oral Communication course will provide students with an understanding of the dynamics of effective communication when speaking, listening, and responding. Students will express ideas and present information in a variety of communication tasks including small group discussion, formal and informal presentations, and oral interpretation of literature. Students will develop basic communication competencies including ethical practices in communication; recognition of communication barriers; and effective use of interpersonal communication, listening, verbal and nonverbal messages, and use of digital media. The one-semester Oral Communication course **fulfills the ½ unit of Oral Communication required for graduation.**

Course Title: Forensics I

Course/Unit Credit: 1

Course Number: 414020

Grades: 9-12

Forensics I is a two-semester course which will provide students with an understanding of the dynamics of effective oral communication when speaking, listening, and responding. Students will develop basic communication competencies including ethical practices in communication; recognition of communication barriers; and effective use of interpersonal communication, listening, verbal and nonverbal messages, and use of digital media. In Forensics I, students will develop research skills to prepare for a variety of public speaking formats, including debate, public address, and oral interpretation of literature. Furthermore, students will organize research and analysis into presentations delivered in a variety of formats and for a variety of audiences. **Forensics I fulfills the ½ unit of Oral Communication required for graduation.**

Course Title: Forensics II

Course/Unit Credit: 1

Course Number: 414030

Grades: 9-12

Prerequisite: Forensics I

Forensics II is a two-semester course which will provide students with an opportunity to demonstrate communication skills at an intermediate level. Students will cultivate effective vocal delivery, emphasizing articulation, projection, and inflection. They will cultivate appropriate movement and gesture to accentuate meaning. These communication skills, which will serve students well throughout their lives, will be embedded throughout the course. Students will acquire skills necessary to make aesthetic choices in the selection, preparation, and presentation of literature from a wide variety of genres. Students will practice persuasive techniques in both extemporaneous and prepared formats.

Course Title: Forensics III

Course/Unit Credit: 1

Course Number: 414040

Grades: 9-12

Prerequisite: Forensics I, Forensics II

Forensics III is a two-semester course. In this course students will master research, organization, and presentation skills through a variety of public speaking situations. Research activities will include analyzing literary elements and current events, framing a selection or topic around historical context or cultural influences, and maintaining a portfolio of selections and topics. Organization skills will be enhanced by cutting and introducing selections and synthesizing information from complex texts. Peer critique will be utilized to enhance presentation skills.

Course Title: Journalism I

Course/Unit Credit: 1

Course Number: 415000

Grades: 9-12

Prerequisite: None

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

Course Title: Newspaper Journalism II

Course/Unit Credit: 1

Course Number: 415010

Grades: 10-12

Prerequisite: Journalism I and Approval of Advisor

This is a course in which the students learn the fundamentals of planning and producing the school newspaper including financial planning, layout and design, copy editing and writing, photography, business management, and advertising sales and techniques.

Course Title: Newspaper Journalism III

Course/Unit Credit: 1

Course Number: 415020

Grades: 11-12

Prerequisite: Journalism II and Approval of Advisor

This is a course in which the students learn by hands-on instruction. The newspaper staff will plan, coordinate, write and design school publications in this class. Students will apply the attitudes and skills learned in Newspaper Journalism II to various positions of responsibility on the newspaper staff. By working on the publication, students gain practical experience.

Course Title: Newspaper Journalism IV

Course/Unit Credit: 1
Course Number: 415030
Grades: 11-12
Prerequisite: Newspaper Journalism II & III and Approval of Advisor

In this course, students assume staff positions of leadership. Working with the printer, the administration, and the public is an important area of this level. These third year newspaper journalism students share the responsibility for the decisions and policies of the school publication.

Course Title: Yearbook Journalism II
Course/Unit Credit: 1
Course Number: 515030
Grades: 10-12
Prerequisite: Journalism I and Advisor Approval

This laboratory course is designed to develop background skills and attitudes involved in the art of publication. Emphasis is placed on the history of journalism, writing in journalistic style, layout and make-up, basic photography, management, copy writing and editing, journalistic ethics, and public relations.

Course Title: Yearbook Journalism III
Course/Unit Credit: 1
Course Number: 515040
Grades: 9-12
Prerequisite: Yearbook Journalism II and Advisor Approval

In this course, students assume staff positions of leadership. Working with the publisher, the administration, and the public is an important area of work. These third year yearbook journalism students share responsibility for the decisions and policies of the school yearbook. Students will design the yearbook on the computer and will start developing a career toward a journalism degree in college.

Course Title: Yearbook Journalism IV
Course/Unit Credit: 1
Course Number: 515050
Grades: 9-12
Prerequisite: Yearbook Journalism III and Advisor Approval

In this course, students assume staff positions of leadership. Working with the publisher, the administration, and the public is an important area of work. These fourth year yearbook journalism students share responsibility for the decisions and policies of the school yearbook. Students will design the yearbook on the computer and will start developing a career toward a journalism degree in college.

Course Title: Creative Writing I
Course/Unit Credit: 1
Course Number: 519060
Grades: 9-12
Prerequisite: None

This course enables students to develop skill in writing several kinds of prose and poetry. Writing experiences that draw on the students' imaginative and creative abilities are offered, and students are encouraged to compete in a variety of writing contents. Most writing is shared and critiqued by other students in the class as well as by the teacher. This class produces a literary magazine.

Course Title: English Language Learner
Course/Unit Credit: 1
Course Number: 971601
Grades: 9
Prerequisite: Identification

This course is designed to meet the needs of English Language Learners through a comprehensive sheltered literacy curriculum. Emphasis will be on building basic interpersonal communication, language

acquisition and development, and cognitive/academic language proficiency through specialized materials, activities and scaffolded lessons to address CCSS ELP/ELA standards in all four domains of language.

Course Title: English Language Learner
Course/Unit Credit: 1
Course Number: 971602
Grades: 10
Prerequisite: Identification

This course is designed to meet the needs of English Language Learners through a comprehensive sheltered literacy curriculum. Emphasis will be on building basic interpersonal communication, language acquisition and development, and cognitive/academic language proficiency through specialized materials, activities and scaffolded lessons to address CCSS ELP/ELA standards in all four domains of language.

Course Title: English Language Learner
Course/Unit Credit: 1
Course Number: 971603
Grades: 11
Prerequisite: Identification

This course is designed to meet the needs of English Language Learners through a comprehensive sheltered literacy curriculum. Emphasis will be on building basic interpersonal communication, language acquisition and development, and cognitive/academic language proficiency through specialized materials, activities and scaffolded lessons to address CCSS ELP/ELA standards in all four domains of language.

Course Title: English Language Learner
Course/Unit Credit: 1
Course Number: 971604
Grades: 12
Prerequisite: Identification

This course is designed to meet the needs of English Language Learners through a comprehensive sheltered literacy curriculum. Emphasis will be on building basic interpersonal communication, language acquisition and development, and cognitive/academic language proficiency through specialized materials, activities and scaffolded lessons to address CCSS ELP/ELA standards in all four domains of language.

MARKETING

Course Title: Marketing
Course/Unit Credit: 1
Course Number: 492330
Grades: 11-12
Prerequisite: None

A two-semester course designed to provide students with the fundamental concepts, principles, skills, and attitudes common to the field of marketing. Instruction focuses on market types, market analysis, consumer types, planning, promotion, buying, pricing, distribution, finance, trends, and careers. Although it is not mandatory, many students can benefit from the on-the-job training component (cooperative education) of this course. The student's job must relate to his/her career objective.

Course Title: Marketing/Marketing Management Work-Based Learning
Course/Unit Credit: 1 (Maximum of 2 credits for work per year)

Course Number: 492341 or 492343

Grades: 11-12

Prerequisite: Marketing (492330) or Marketing Management (492350)

Although not mandatory, many students can benefit from the on-the-job training component (cooperative education) of Marketing and Marketing Management. The student's job just relate to his/her career objective, and the work-site trainer must develop a list of competencies to be taught on the job that coordinate with classroom competencies and career objectives. All aspects of the industry must be taught. Students attend school part of the day and work in a marketing position for the remainder. A minimum of 135 hours during each semester on the job is required for the work experience credit of 1/2.

Course Title: Small Business Operations

Course/Unit Credit: 1

Course Number: 492700

Grades: 10-12

Prerequisite: Computerized Business Applications

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

MUSIC: INSTRUMENTAL

Course Title: Band I Concert

Course/Unit Credit: 1

Course Number: 45100C

Grades: 9-12

Prerequisite: Recommendation of Teacher for Level Placement

This class is for band students that have successfully completed Cadet Band and are interested in continued development of instrumental skills. Performances are required throughout the year which include but are not limited to the following: football games, parades, concerts, and contest. Outside practices are required which include summer band activities.

Course Title: Band II Concert

Course/Unit Credit: 1

Course Number: 451040

Grades: 10

Prerequisite: Recommendation of Teacher for Level Placement

This class is for band students that have successfully completed Concert Band I and are interested in continued development of instrumental skills. Performances are required throughout the year which include but are not limited to the following: football games, parades, concerts, and contest. Outside practices are required which include summer band activities.

Course Title: Band III Concert

Course/Unit Credit: 1

Course Number: 451050

Grades: 11

Prerequisite: Recommendation of Teacher for Level Placement

This class is for band students that have successfully completed Concert Band II and are interested in continued development of instrumental skills. Performances are required throughout the year which include but are not limited to the following: football games, parades, concerts, and

contest. Outside practices are required which include summer band activities.

Course Title: Band IV Concert

Course/Unit Credit: 1

Course Number: 451060

Grades: 12

Prerequisite: Recommendation of Teacher for Level Placement

This class is for band students that have successfully completed Concert Band III and are interested in continued development of instrumental skills. Performances are required throughout the year which include but are not limited to the following: football games, parades, concerts, and contest. Outside practices are required which include summer band activities.

Course Title: Band I Jazz

Course/Unit Credit: 1

Course Number: 451200

Grades: 9-12

Prerequisite: Enrollment in Concert Band or Recommendation of Teacher for Skill Evaluation for Piano, Bass, and Guitar

Students play and perform to the instrumental ensemble styles of jazz, blues, rock, and stage band. Emphasis is placed on each student's playing and musical skills. Students develop their skills in the art of improvisation. Members must be available to perform frequently for school and civic functions.

Course Title: Band II Jazz

Course/Unit Credit: 1

Course Number: 451210

Grades: 10-12

Prerequisite: Jazz Band I, Enrollment in Concert Band or Recommendation of Teacher for Skill Level

Students play and perform to the instrumental ensemble styles of jazz, blues, rock, and stage band.

Emphasis is placed on each student's playing and musical skills. Students develop their skills in the art of improvisation. Members must be available to perform frequently for school and civic functions.

Course Title: Band III Jazz

Course/Unit Credit: 1

Course Number: 451220

Grades: 11-12

Prerequisite: Jazz Band II, Enrollment in Concert Band or Recommendation of Teacher for Skill Level

Students play and perform to the instrumental ensemble styles of jazz, blues, rock, and stage band. Emphasis is placed on each student's playing and musical skills. Students develop their skills in the art of improvisation. Members must be available to perform frequently for school and civic functions.

Course Title: Band IV Jazz

Course/Unit Credit: 1

Course Number: 451230

Grades: 12

Prerequisite: Jazz Band III, Enrollment in Concert Band or Recommendation of Teacher for Skill Level

Students play and perform to the instrumental ensemble styles of jazz, blues, rock, and stage band.

Emphasis is placed on each student's playing and musical skills. Students develop their skills in the art of improvisation. Members must be available to perform frequently for school and civic functions.

MUSIC: VOCAL

Course Title: Concert Girls I

Course/Unit Credit: 1

Course Number: 452004

Grades: 9-12

Prerequisite: Cadet Choir / Recommendation of Teacher for Vocal Placement

This course is for girls who have successfully completed Cadet Choir. This choir performs at concerts and contests.

Course Title: Concert Choir I

Course/Unit Credit: 1

Course Number: 55201C; Section 1

Grades: 9-12

Prerequisite: Recommendation of Teacher for Vocal Placement

This is for students interested in participating in a performance based choral program. This choir performs at concerts and contests.

Course Title: Concert Choir II

Course/Unit Credit: 1

Course Number: 55202C; Section 2

Grades: 10-12

Prerequisite: Concert Choir I / Recommendation of Teacher for Level Placement

This course is for students who have successfully completed Concert Choir I. This choir performs at concerts and contests.

Course Title: Concert Choir III

Course/Unit Credit: 1

Course Number: 55203C; Section 3

Grades: 11-12

Prerequisite: Concert Choir II / Recommendation of Teacher for Level Placement

This course is for students who have successfully completed Concert Choir II. This choir performs at concerts and contests.

Course Title: Concert Choir IV

Course/Unit Credit: 1

Course Number: 55204C; Section 4

Grades: 12

Prerequisite: Concert Choir III / Recommendation of Teacher for Level Placement

This course is for students who have successfully completed Concert Choir III. This choir performs at concerts and contests.

Choir #2-Honors Chorus:

Honors Chorus Mixed Chorus (male & female voices) is an auditioned choir comprised of freshman males and upperclassmen men and women with a well-developed vocal production, a high level of sight-reading skill and an outstanding academic record. Music will include mixed choir literature. Membership requires attendance at some rehearsals held outside of regular class time.

Course Title: Concert Boys I

Course/Unit Credit: 1
Course Number: 452003; Section 2
Grades: 9-12
Prerequisite: Cadet Choir / Recommendation of Teacher for Vocal Placement

This course is for boys who have successfully completed Cadet Choir. This choir performs at concerts and contests.

Course Title: Concert Choir I
Course/Unit Credit: 1
Course Number: 55201C; Section 2
Grades: 9-12
Prerequisite: Recommendation of Teacher for Vocal Placement

This is for students interested in participating in a performance based choral program. This choir performs at concerts and contests.

Course Title: Concert Choir II
Course/Unit Credit: 1
Course Number: 55202C; Section 2
Grades: 10-12
Prerequisite: Concert Choir I / Recommendation of Teacher for Level Placement

This course is for students who have successfully completed Concert Choir I. This choir performs at concerts and contests.

Course Title: Concert Choir III
Course/Unit Credit: 1
Course Number: 55203C Section 2
Grades: 11-12
Prerequisite: Concert Choir II / Recommendation of Teacher for Level Placement

This course is for students who have successfully completed Concert Choir II. This choir performs at concerts and contests.

Course Title: Concert Choir IV
Course/Unit Credit: 1
Course Number: 55204C; Section 2
Grades: 12
Prerequisite: Concert Choir III / Recommendation of Teacher for Level Placement

This course is for students who have successfully completed Concert Choir III. This choir performs at concerts and contests.

Choir #3 Chamber singers/Vocal Jazz

Chamber Singers/Vocal Jazz is an auditioned & select ensemble of primarily juniors and seniors who specialize in chamber music and acapella jazz. This ensemble is active throughout the year with many performances in the community, including the Christmas Madrigal Feast. Membership in this group requires an audition, as well as being a member of Mixed Chorus.

Advanced Choirs are performing groups designed for the advanced choir students. Members must possess the necessary skills and self-discipline to explore challenging choral literature. Advanced Mixed Choir members are required to participate in vocal performances throughout the year.

Course Title: Advanced Choir I, Part 1
Course/Unit Credit: 1
Course Number: 452000
Grades: 9-12

Prerequisite: Audition / Recommendation of Teacher for Level Placement

Course Title: Advanced Choir I, Part II

Course/Unit Credit: 1

Course Number: 452001

Grades: 9-12

Prerequisite: Audition/Recommendation of Teacher for Level Placement

Course Title: Advanced Choir II

Course/Unit Credit: 1

Course Number: 452040

Grades: 10-12

Prerequisite: Advanced Choir I / Recommendation of Teacher for Level Placement

Course Title: Advanced Choir III

Course/Unit Credit: 1

Course Number: 452050

Grades: 11-12

Prerequisite: Advanced Choir II / Recommendation of Teacher for Level Placement

Course Title: Advanced Choir IV

Course/Unit Credit: 1

Course Number: 452060

Grades: 12

Prerequisite: Advanced Choir III / Recommendation of Teacher for Level Placement

SKILLED AND TECHNICAL SCIENCES

Course Title: Brakes

Course/Unit Credit: 1

Course Number: 494180

Grades: 10-12

Prerequisite: None

This course prepares individuals to engage in the diagnosis and repair of Brakes. Instruction will include units on hydraulic system diagnosis and repair, drum brake diagnosis and repair, and disc brake diagnosis and repair.

Course Title: Automotive I Lab

Course/Unit Credit: 1

Course Number: 49418L

Grades: 10-12

Prerequisite: Electrical Systems

Course Title: Electrical Systems

Course/Unit Credit: 1

Course Number: 494190

Grades: 10-12

Prerequisite: Automotive I Lab

This course prepares individuals to engage in the diagnosis and repair of Electrical/Electronic Systems. Instruction will include units on general electrical system diagnosis and service.

Course Title: Automotive II Lab
Course/Unit Credit: 1
Course Number: 49419L
Grades: 10-12
Prerequisite:
Co-requisite: Engine Performance

Course Title: Engine Performance
Course/Unit Credit: 1
Course Number: 494200
Grades: 10-12
Prerequisite:
Co-requisite: Automotive II Lab

This course prepares individuals to engage in the diagnosis and repair of Engine Performance. Instruction will include units on general engine diagnosis and computerized engine controls diagnosis and repair.

Course Title: Suspension and Steering
Course/Unit Credit: 1
Course Number: 494210
Grades: 10-12
Prerequisite: None

This course prepares individuals to engage in the diagnosis and repair of Suspension and Steering. Instruction will include units on steering systems diagnosis and repair; wheel alignment diagnosis, adjustment, and repair; and wheel and tire diagnosis and repair.

Course Title: Drafting and Design
Course/Unit Credit: 1
Course Number: 494700
Grades: 9-12
Prerequisite: None

Drafting and Designing focuses on the basic knowledge and skills required to produce engineering and architectural drawings. Emphasis is given to the development of competencies related to the use of drafting equipment, the production of beginning level engineering drawings and the production of beginning level architectural drawing.

Course Title: Architectural CAD I
Course/Unit Credit: 1
Course Number: 494710
Grades: 10-12
Prerequisite: Drafting and Design

Architectural/CAD I focuses on the knowledge and skills required to plan and prepare scale pictorial interpretations of plans and design concepts for residential buildings. Emphasis is given to the development of competencies related to solving drafting and design problems that require the individual to understand and apply a wide range of technical knowledge and critical thinking skills. The course is designed to allow the student to produce drawings as traditional drawings or as computer-aided drawings.

Course Title: Architectural/CAD II

Course/Unit Credit: 1

Course Number: 494730

Grades: 11-12

Prerequisite: Architectural Drafting

Architectural/CAD II focuses on the knowledge and skills required to plan and prepare scale pictorial interpretations of plans and design concepts for residential buildings. Emphasis is given to the development of competencies related to solving drafting and design problems that require the individual to understand and apply a wide range of technical knowledge and critical thinking skills. The course is designed to allow the student to produce drawings as traditional drawings or as computer-aided drawings.

Course Title: Engineering Drafting I

Course/Unit Credit: 1

Course Number: 494740

Grades: 10-12

Prerequisite: Drafting and Design

Engineering/CAD I focuses on the knowledge and skills required to produce advanced level engineering drawings. Emphasis is given to the development of competencies related to solving drafting and design problems that require the individual to understand and apply a wide range of technical knowledge and critical-thinking skills. The course is designed to allow the student to produce drawings as traditional drawings or as computer aided drawings.

Course Title: Engineering Drafting II

Course/Unit Credit: 1

Course Number: 494760

Grades: 11-12

Prerequisite: Architectural or Engineering Drafting I

Engineering/CAD II focuses on the knowledge and skills required to produce advanced level engineering drawings. Emphasis is given to the development of competencies related to solving drafting and design problems that require the individual to understand and apply a wide range of technical knowledge and critical-thinking skills. The course is designed to allow the student to produce drawings as traditional drawings or computer-aided drawings.

Course Title: Air Force JROTC I

Course/Unit Credit: 1

Course Number: 495760

Grades: 9-12

Prerequisite: None

AFJROTC I is for first year cadets. The AFJROTC program is a citizenship, character development, and leadership program designed to teach life skills. It is a cadet-led organization that offers many opportunities to develop leadership and followership skills. There is no military commitment required for cadets who join AFJROTC. The program offers co-curricular activities (Drill Team, Color Guard, Marksmanship, fitness Team, etc.) and various field trips to enhance the curriculum. Cadets who successfully complete one semester of AFJROTC can receive credit for Health or Physical Education. (Refer to the HEALTH/PHYSICAL EDUCATION section of this catalog). Counselors can provide more details concerning that options.

Course Title: Air Force JROTC II

Course/Unit Credit: 1

Course Number: 495770

Grades: 10-12

Prerequisite: Air Force JROTC I

AFJROTC II is for second year cadets. The AFJROTC program is a citizenship, character development, and leadership program designed to teach life skills. It is a cadet-led organization that offers many

opportunities to develop leadership and followership skills. There is no military commitment required for cadets who join AFJROTC. The program offers co-curricular activities (Drill Team, Color Guard, Marksmanship, fitness Team, etc.) and various field trips to enhance the curriculum. Cadets who successfully complete one semester of AFJROTC can receive credit for Health or Physical Education. (Refer to the HEALTH/PHYSICAL EDUCATION section of this catalog). Counselors can provide more details concerning that options.

Course Title: Air Force JROTC III
Course/Unit Credit: 1
Course Number: 495760
Grades: 11-12
Prerequisite: Air Force JROTC II

AFJROTC III is for third year cadets. The AFJROTC program is a citizenship, character development, and leadership program designed to teach life skills. It is a cadet-led organization that offers many opportunities to develop leadership and followership skills. There is no military commitment required for cadets who join AFJROTC. The program offers co-curricular activities (Drill Team, Color Guard, Marksmanship, fitness Team, etc.) and various field trips to enhance the curriculum. Cadets who successfully complete one semester of AFJROTC can receive credit for Health or Physical Education. (Refer to the HEALTH/PHYSICAL EDUCATION section of this catalog). Counselors can provide more details concerning that options.

Course Title: Air Force JROTC IV
Course/Unit Credit: 1
Course Number: 495880
Grades: 12
Prerequisite: Air Force JROTC

AFJROTC I is for fourth year cadets. The AFJROTC program is a citizenship, character development, and leadership program designed to teach life skills. It is a cadet-led organization that offers many opportunities to develop leadership and followership skills. There is no military commitment required for cadets who join AFJROTC. The program offers co-curricular activities (Drill Team, Color Guard, Marksmanship, fitness Team, etc.) and various field trips to enhance the curriculum. Cadets who successfully complete one semester of AFJROTC can receive credit for Health or Physical Education. (Refer to the HEALTH/PHYSICAL EDUCATION section of this catalog). Counselors can provide more details concerning that options.

SCIENCE ELECTIVES

Course Title: Environmental Science
Course/Unit Credit: 1
Course Number: 424020
Grades: 10-12
Prerequisite: Biology

Environmental Science is a full year course that combines ideas and concepts of the natural sciences (chemistry, biology, ecology, and geology) with the broad concepts of economics, politics, and ethics. The structure of the course is such that scientific laws, principles, models and concepts are used to understand both environmental problems and their possible solutions. Local, state and global issues will be addressed. Students will be expected to apply basic math skills as well as science process skills in solving real-world problems. **This is a career focus course and does not meet the SMART Core Science Requirement.**

Course Title: Anatomy/Physiology
Course/Unit Credit: 1
Course Number: 424030
Grades: 10-12
Prerequisite: Biology

This course examines the structure and functions of the human body. Concepts covered in the course provide a foundation in the systems of the human body with regard to the interdependence of structure and function. Cellular biology, histology, and embryology will be important parts of this course. This course would be very beneficial for students interested in pursuing careers in health and medicine. **This is a career focus course and does not meet the SMART Core Science Requirement**

Course Title: Advanced Placement Environmental Science
Course/Unit Credit: 1
Course Number: 523030
Grades: 11-12
Prerequisite: Teacher Recommendation

This course is the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. **This is a career focus course and does not meet the SMART Core Science Requirement**

SOCIAL STUDIES ELECTIVES

Course Title: Advanced Placement Psychology
Course/Unit Credit: 1
Course Number: 579120
Grades: 11-12
Prerequisite: Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

This course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. .

Course Title: Psychology
Course/Unit Credit: ½
Course Number: 474400
Grades: 11-12
Prerequisite: None

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

Course Title: Sociology
Course/Unit Credit: ½

Course Number: 474400
Grades: 11-12
Prerequisite: None

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

Course Title: Abnormal Psychology
Course/Unit Credit: ½
Course Number: 495370
Grades: 10-12

This course provides an examination of the various psychological disorders as well as theoretical, clinical, and experimental perspectives of the study of psychopathology. Emphasis is on terminology, classification, etiology, assessment, and treatment of the major disorders.

SUPPLEMENTAL INSTRUCTION

Course Title: Community Service Learning I
Course/Unit Credit: ½
Course Number: 496010
Grades: 9-12
Prerequisite: None

Service-learning is a form of experiential learning where students apply academic knowledge and critical thinking skills to address genuine community needs. Through direct human service activities, students gain an understanding of human psychology, community life civic responsibility, government, career options and human diversity. The structured time provided in this course allows the student the opportunity to think, talk, and write about the actual service activity. Students select an agency or organization where they provide services by volunteering their time. 75 hours of satisfactory service must be completed to earn one-half credit.

The volunteer service can be performed after school or on weekends. Students are responsible for providing their own transportation to and from the volunteer site. The Service Learning Coordinator at the school will monitor volunteer hours. Students will meet with the Service Learning Coordinator during their lunch period on a regular basis (not daily) to prepare for the volunteer service and to reflect on the learning taking place at the volunteer site.

Course Title: Service Learning II
Course/Unit Credit: ½
Course Number: 49601E
Grades: 10-12
Prerequisite: Service Learning I

Service Learning II is a second opportunity for students to complete sixty hours of volunteer service to the community. The same criteria apply to this course as in Service Learning I.

Course Title: AVID 9
Course/Unit Credit: 1
Course Number: 591010
Grades: 9
Prerequisite: Teacher Recommendation and Interview

AVID, which stands for Advancement Via Individual Determination, is a college readiness program designed to help students develop the skills they need to be successful in college. The program places special emphasis on growing writing, critical thinking, teamwork, organization and reading skills.

Course Title: AVID 10
Course/Unit Credit: 1
Course Number: 591020
Grades: 10
Prerequisite: Teacher Recommendation and Interview
A continuation of AVID 9

Course Title: AVID 11
Course/Unit Credit: 1
Course Number: 501030
Grades: 11
Prerequisite: Teacher Recommendation and Interview
A continuation of AVID 10

Course Title: AVID 12
Course/Unit Credit: 1
Course Number: 519140
Grades: 12
Prerequisite: Teacher Recommendation and Interview
A continuation of AVID 11

Course Title: Credit Recovery Study Center
Course/Unit Credit: 0
Course Number: 999000
Grades: 12
Prerequisite: Zero Hour or Summer School prior to placement
Study Center is a class for student to prepare for class and receive remediation/enrichment if needed.

Course Title: Student Aides
Course/Unit Credit: 0
Course Number: 99983F (Office)
99983G (Counselor)
99983L (Cafeteria)
99983M (Media)
99983R (Registrar)
Grades: 10-12
Prerequisite: Approval of Supervisor
The goal for this course is to help students develop into mature, productive, responsible members of the community. Working within the school setting helps students form good work habits, improve communication skills, and develop a sense of responsibility.

Course Title: ACT Test Preparation
Course/Unit Credit: ½
Course Number: 596400
Grades: 10-12
ACT Prep is a course that allows students to prepare for the ACT test. This class is designed for students who want to score well on their ACT test or to improve their ACT scores.

Course Title: Driver's Education
Course/Unit Credit: ½
Course Number: 690040

Grades: 10-12

Prerequisite: Must have driver's permit

Driver's education focuses on defensive, safe driving. All students must have a valid driver's permit. Successful completion offers opportunities for discounts with your insurance company.

TECHNOLOGY

Course Title: Environmental and Spatial Technology (EAST) I

Course/Unit Credit: 1

Course Number: 560010

Grades: 9-12

Prerequisite: Consent of Instructor

EAST is a project-based, service-oriented course that blends high-end technology with service projects.

Students in EAST I will spend much of their time self-directed and working at their own pace as they use technology available in the EAST classroom (CAD, GIS/GPS, computer aided modeling and design, animation, programming, network design and maintenance, etc.) and the basics of project-based learning to solve problems in their local communities.

Course Title: EAST II

Course/Unit Credit: 1

Course Number: 560020

Grades: 10-12

Prerequisite: EAST 1

EAST II is a continuation of EAST I with greater emphasis on project solving learning.

Course Title: EAST III

Course/Unit Credit: 1

Course Number: 560030

Grades: 11-12

Prerequisite: EAST II

EAST III is a continuation of EAST methodology. The focus in this course is peer group leadership and service-based projects, with greater emphasis in reaching out to community and organizational leaders to identify problems that students can help solve.

Course Title: EAST IV

Course/Unit Credit: 1

Course Number: 560040

Grades: 12

Prerequisite: EAST III

EAST IV is a continuation of EAST methodology with an added emphasis on leadership, mentoring and the archiving of projects for the continued success of the program.

THEATRE

Course Title: Theatre 1

Course/Unit Credit: 1

Course Number: 459100

Grades: 9-12

Students will apply basic knowledge gained in Drama 1 Pt 1 or Pt 2 to create, analyze, and produce a

play, coordinating all aspects of theatre arts. Emphasis is on performance standards.

Course Title: Theatre II
Course/Unit Credit: 1
Course Number: 459110
Grades: 10-12
Prerequisite: Theatre 1 or Recommendation of Teacher

In Theatre II students will apply basic knowledge gained in Theatre I. Students will create, analyze, and produce a play, coordinating all aspects of theater arts. Emphasis is on performance.

Course Title: Theatre III
Course/Unit Credit: 1
Course Number: 459120
Grades: 11-12
Prerequisite: Theatre II or Recommendation of Teacher

In Theatre III students will apply basic knowledge gained in Theatre II. Students will create, analyze, and produce a play, coordinating all aspects of theater arts. Emphasis is on performance.

Course Title: Stagecraft I
Course/Unit Credit: 1
Course Number: 459240
Grades: 9-12
Prerequisite: Theater I and Teacher Recommendation

Stagecraft I has the proper application of technical skills utilized for theater production as its foundation. Students must be able to identify problems and derive creative, functional solutions which require the use of analytical and synthesis skills. Students will be using power tools and learn appropriate safety requirements. Class size must be limited to 22 for safety reasons. Emphasis is on technical theatre skills.

Course Title: Stagecraft II
Course/Unit Credit: 1
Course Number: 459250
Grades: 11-12
Prerequisite: Stagecraft I/ Teacher Recommendation

Stagecraft II is constructed on technical skills utilized for theatre production in Stagecraft I. Students must be able to identify problems and derive creative, functional solutions which require the use of analytical and synthesis skills. Class size must be limited to 22 for safety reasons. Emphasis is on technical theatre skills.

Course Title: Stagecraft III
Course/Unit Credit: 1
Course Number: 459260
Grades: 12
Prerequisite: Stagecraft II/Teacher Recommendation

Stagecraft III is constructed on technical skill utilized for theater production in Stagecraft II. Students must be able to identify problems and derive creative, functional solutions which require the use of analytical and synthesis skills. Class size must be limited to 22 for safety reasons. Emphasis is on technical theatre skills.

