

North Little Rock



2019 - 2020 Course Guide

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Dear Student,

Have you ever thought about what you want to do after high school? Imagine yourself walking across the stage in front of family and friends, receiving your high school diploma, stopping for pictures, and then ...what? What will you do with the rest of your life once you get off the stage with your high school diploma in hand? That is the question that we in the Center of Excellence hope to help you answer. As the principal of the Center of Excellence, my highly qualified faculty and staff want to assist you in developing skills and earning certifications that will give you opportunities and assist you in immediately putting a plan into action once you cross that stage on graduation night.

The North Little Rock Center of Excellence gives students and families a voice and choice in their child's education. Students choose from traditional, blended or digital learning for their classes and enjoy personalized learning plans that are tailored to their specific learning needs. We are expanding our digital offerings to include eDynamic Learning classes, all of which were approved by the Arkansas Department of Education.

The North Little Rock Center of Excellence offers project-based personalized learning. Additionally, the Center of Excellence offers instruction in five career pathways: Engineering, Medical Professions, Computer Science, Transportation, Distribution, Logistics, and Advanced Manufacturing. Lucrative careers will be available to many in these pathways who have the training and qualifications. The faculty and staff at the Center of Excellence are dedicated to assisting students in finding their passions and obtaining the skills required to be successful in these jobs. Not only will we focus on assisting students with getting a job but we also will provide explicit instruction in soft skills, customer service, and lean principles that will help them keep a job. If you have an interest in one of these pathways, the Center of Excellence is for you!

We look forward to getting to know you and assisting you in setting and achieving your goals for after graduation from North Little Rock School District.

Yours in education,

Karla Whisnant
Principal
North Little Rock Center of Excellence

Student Curriculum Options

Graduation Requirements

Subject Area	Units Req'd	Additional Info
English	4	1-English 9 1-English 10 1-English 11 1-English 12
Math	4	1-Algebra I 1-Geometry +2 Additional Units
Science	3	1-Physical Sci 1-Biology +1 Additional Unit
Social Studies	3	½-Civics ½-Economics 1-American History 1-World Hist
Physical Ed	0.5	
Health	0.5	
Fine Arts	0.5	
Oral Comm	0.5	
Electives	7	
Total	23	

Smart Core Requirements

Subject Area	Units Req'd	Additional Info
English	4	1-English 9 1-English 10 1-English 11 1-English 12
Math	4	1-Algebra I 1-Geometry +2 Additional Units Math beyond Algebra II
Science	3	1-Physical Sci 1-Biology +1 Additional Unit Chemistry or Physics
Social Studies	3	½-Civics ½-Economics 1-American History 1-World History
Physical Ed	0.5	
Health	0.5	
Fine Arts	0.5	
Oral Comm	0.5	
Electives	7	
Total	23	

College Core Requirements

Subject Area	Units Req'd	Additional Info
English	4	1-English 9 1-English 10 1-English 11 1-English 12
Math	4	1-Algebra I 1-Geometry +2 Additional Units Math beyond Algebra II
Science	3	1-Physical Sci 1-Biology ¹ +1 Additional Unit Chemistry or Physics
Social Studies	3	½-Civics ½-Economics 1-American History 1-World History
Foreign Language	2	2 years of same language
Physical Ed	0.5	
Health	0.5	
Fine Arts	0.5	
Oral Comm	0.5	
Electives	7	
Total	23	

*Beginning with the senior class of 2018-19 and every graduating class after it will be required to take the Arkansas Civics Exam and score 60% or higher to be able to graduate from an Arkansas Public School. Preparation for this test will be done prior to testing.

*The freshman class of 2018-19 will be the first class to take Civics and Economics in their senior year to prepare for the Arkansas Civics Exam. They must score a 60% or higher to be able to graduate from any Arkansas Public School.

The above requirements exceed the Arkansas Standards for Accreditation. However, all college applicants are encouraged to check with their specific college/university for admission requirements.

GRADE CLASSIFICATION

Classification is based on the number of years a student has attended high school. The following minimum number of units of credit is suggested for a student to **stay on track for graduation in four years:**

Entering 10th grade
5.5 units of credit

Entering 11th grade
11 units of credit

Entering 12th grade
16.5 units of credit required to participate in senior activities

Students can earn additional credits (above 23) by taking courses related to their interests. It is recommended that students take a math and science course during their senior year. Students can recover credits during the school year and summer school through our web-based credit recovery program.

GENERAL SCHEDULING INFORMATION

Course Cancellations

Courses listed in this guide are the identified courses the district high school offers to students for the coming school year. After students make their course requests, some courses may be cancelled if there are insufficient requests.

Summer School

Students who are credit deficient will be expected to participate in the summer school APEX computer program. Dates, location, and tuition rates for summer school will be announced.

Grade Weighting

Required by the Standards for Accreditation of Arkansas Public Schools as adopted in December 2003, weighted credit for AP and IB courses will be contingent upon the student successfully completing the full year of the course and taking the applicable AP or IB exam.

Career Focus

The Arkansas Standards for Accreditation requires public school graduates to earn 6 units in a career focus area based on the student's contemplated work aspirations. A variety of courses can qualify for this designation including English, math, science, and social studies courses.

“Local Credit Only” Enrollment Limit

Non-Academic Credit Activity courses cannot be used to satisfy the 22 units of credit required for graduation by the State of Arkansas. Because District requirements exceed State requirements, some non-academic courses can be used to meet the District requirements of 23 units. Only one unit of credit may be taken/earned per year in non-academic activity courses and these grades are not calculated in the GPA.

Early Graduation

Students who choose to graduate early are also choosing to forgo all or part of their senior year. Therefore, early graduates are ineligible for senior activities with the exception of honor societies and the graduation ceremony.

Graduation Participation

Seniors must earn all 23 **required** graduation credits by the date of graduation to be eligible to participate in the commencement ceremony. Additionally, all financial obligations to the district must be satisfied before a diploma is awarded.

Eligibility to Participate in Interscholastic Competition

(Band, Speech & Drama, Athletics, Choir, Spirit Groups, JROTC, Workforce Education Student Organizations)

Participation is governed by the rules of the Arkansas Activities Association (AAA). AAA regulations state that students in grades 10-12 must pass four subjects and attain a 2.0 GPA. *“Students passing four subjects but failing to meet the 2.0 GPA requirement must be enrolled in and attending 100 minutes per week in a Supplemental Instruction Program (SIP) in order to be eligible to participate. Students in the SIP will have one semester to improve their GPA a minimum of one tenth of a point (.1) to maintain eligibility for a second consecutive semester”*. Students in 9th grade are eligible if they successfully passed four academic courses the previous semester, three of which shall be in the core curriculum areas (math, science, English, social studies). Ninth grade students must pass four academic classes to be eligible the second semester of the 9th grade year, and must meet senior high academic eligibility by the end of the second semester of 9th grade in order to play in the fall of the 10th grade year. See your coach or counselor for more information concerning eligibility.

North Little Rock Academy

North Little Rock Academy is the district’s Alternative Learning Environment (ALE) which services North Little Middle and North Little Rock High schools. The program is designed to serve the needs of students having difficulty performing in the regular school environment. Student placement at The Academy must meet Arkansas Department of Education guidelines for Alternative Education and must be referred by the student’s school of attendance. Students referred must go through the North Little Rock School District’s Case Review Committee to determine placement. Not all students recommended for placement to The Academy are placed (due to not meeting placement criteria). Placement at The Academy is based on a referral process and students/parents **may not** choose to transfer to The Academy. Students being referred for placement at North Little Rock Academy will continue to attend their home school until the committee determines placement and the appropriate time for transition.

Academic Honors

Academic honors are based on grade weighting criteria established by the Arkansas Department of Education.

<p>Distinguished Honor Graduate:</p> <p>Graduate in the top 1% with a minimum GPA of 3.5 in the college core curriculum</p> <p>Determined at the end of 8 semesters</p>	<p>Honor Graduate:</p> <p>Graduate with a minimum GPA of 3.5 in the college core curriculum</p> <p>Determined at the end of 8 semesters</p>	<p>National Honor Society:</p> <p>Requires a 3.5 GPA in the college core curriculum</p> <p>Determined at the end of 6 semesters</p>	<p>Arkansas Department of Education Diploma Seal:</p> <p>2.75 GPA in the core curriculum</p>
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COLLEGE CORE CURRICULUM	
4 units English	
4 units Math	Algebra I, Geometry, Algebra II, 4th high level math
3 units Science	Physical Science, Biology, Chemistry or Physics
3 units Social Studies	½ unit Civics, ½ unit Economics, World History, American History
2 units Foreign Language	(2 years of same language)

ARKANSAS ACADEMIC CHALLENGE SCHOLARSHIP (*Legislature updates annually*)

- Graduated from an AR public high school
- Score a composite of 19 on the ACT
- Complete and submit the FAFSA financial aid application separately
- Apply between October 1 and May 31 of the senior year
- Up to \$14,000 over four years

ARKANSAS GOVERNOR’S SCHOLARSHIP

- Must be an Arkansas resident
- Score a composite of 32 on the ACT or 1410 on the SAT and earn a 3.5 cumulative GPA
- National Merit Finalists are also eligible
- Up to \$10,000 annually

TO APPLY FOR ALL STATE AID PROGRAMS, go to: Scholarships.adhe.edu

Arkansas Scholars™

A program of the Arkansas Business and Education Alliance

Local business leaders want you to do well in school. Many businesses have agreed to recognize the achievement of Arkansas Scholars™ status as a symbol of high quality education. If you, as a student, meet the Arkansas Scholars™ criteria over the next four years (grades 9-12), you will be designated as an Arkansas Scholar™. Business leaders will hold an event for you and your parents at the end of your senior year. An Arkansas Scholars™ seal will be placed on the transcript. The Arkansas Scholars™ seal improves your chances for employment and may result in some financial assistance for college since many Arkansas colleges give scholarships to Arkansas Scholars™.

Note to Parents: **Algebra I** and **Geometry** in Grades 7 – 8 are considered high school credits. Students making a grade below “C” in these courses may lose their Arkansas Scholars™ status prior to entering the 9th grade. Since students are required to repeat these courses if they do not score “**proficient or advanced**” on the End of Course exam in grades 7 or 8, students may retain their Arkansas Scholars™ status by retaking the course during the regular school year.

Special Note to Parents: *Encourage your student(s) to make good grades, take challenging courses and attend school regularly. This encouragement will send a positive message about the important value of their education.*

Course Levels Descriptors

What level of instruction is right for you in preparing for your future?

Regular – Course instruction is designed for students who are seeking a high school diploma or beyond. Rigor and pacing of instruction is geared toward state standards.

Honors/Pre-AP/IB Designed for students who desire more challenge and want to cover material at a faster pace so they are more prepared for the college experience. Teachers have higher expectations of the quality of student work so grading guidelines are more rigorous. These courses prepare students academically for either AP or IB courses at the next level.

AP® (Advanced Placement®) Courses

What are Advanced Placement (AP) Courses?

Advanced Placement™ (AP) is a program of college-level courses offered at North Little Rock High School, and many other high schools across the country. Courses are available in many subject areas, including English, history, languages, math, psychology, art, and science. The focus is not on memorizing facts and figures. It's on engaging discussions, approaching and solving problems together and learning to write well. You'll get to study fascinating topics and ideas. ***The purpose of these courses is to prepare students to pass the AP Exam in May and to expose them to college-level work.*** Students will also be scored with weighted credit when they complete the course and take the exam (on a 5 point scale).

We offer many AP courses. Please review the course guide for listings and descriptions.

Concurrent Credit for College

Concurrent enrollment courses offer students the opportunity to earn college credits early, familiarize themselves with the rigor of college courses, and earn college credit.

Pulaski Tech Offerings

- Freshman Comp I and II
- College Algebra/Trigonometry
- Public Speaking
- American Sign Language
- Welding
- **All classes are one semester each**

The Center of Excellence students who choose to take classes through Pulaski Tech will not be charged any tuition.

The cost of the courses is dependent upon the instructor. For the more expensive courses, the instructor is provided by the college.

BASIC Qualifying Requirements:

Pulaski Tech –

For College English Courses an ACT of 19 in English and 19 in Reading

For all other College courses an ACT of 19 in Reading

For WELDING Courses the student must have a 13 or above on the Reading component of the ACT

Based upon the evolving requirements of the college and student interest, all information is subject to change!

LANGUAGE ARTS - 4 Units Required for Graduation

English 9

Grade 9

Students study various forms of literature that deal with the universal problems of human nature. Students develop skills in reading, writing, analysis, critical thinking, communication, and organization while building understanding of vocabulary and literary terminology. The course introduces students to the requirements and expectations of essay writing and offers the opportunity to write in various test types and for a variety of purposes.

Pre-AP English 9

Grade 9

The primary purpose of this English class is to guide students in building the rigorous skills needed to succeed in AP Language, AP Literature and future classes.

English 10

Grade 10

This course emphasizes the development of core language arts components of reading, writing, speaking, and listening. Students analyze classic works of literature including plays, non-fiction, poetry, and short stories to understand the contexts in which the works were written. Class activities are designed to help students master the skills needed to meet standards as well as be successful in future endeavors.

Pre-AP English 10

Grade 10

The primary purpose of this English class is to guide students in building the rigorous skills needed to succeed in AP Language, AP Literature, future classes, ACT, ACT Aspire, college, career, and the real world. Furthermore, this class should assist students in discovering new things about themselves and the world around them through analytical reading (in and out of the classroom), writing, and discussion. Our diverse curriculum includes world literature, a variety of fiction and non-fiction prose, poetry, and will include etymology, vocabulary, grammar, and ACT prep.

English 11**Grade 11**

In English 11 students analyze works of poetry, short stories, drama, and speech from pre-colonial period to the present, emphasizing the philosophical, historical, political, and cultural movements of those eras. Students will study literary terminology as well as conventions of fiction and nonfiction.

AP Language & Composition

Course focus: analyzing non-fiction, including essays, speeches, and letters. Students will analyze rhetorical techniques an author uses to communicate themes; synthesize an argument and cite a variety of sources; establish a claim and anticipate counter-arguments. AP English is a college-level class.

English 12**Grade 12**

This course allows students to analyze the political, social, economic cultural messages of the time as well as the relevance of the literary works to the world students live in today. As they read, students will consider the work's structure, style, and themes as well as the use of elements such as figurative language, imagery, symbolism and tone.

AP Literature & Composition**Grade 12**

Course focus: intensive study of representative works from different genres, periods and cultures, all appearing on the AP Lit exam. Students will be reading deliberately and thoroughly to determine what textual details provoke a higher level of interpreting the text. Writing will include critical analysis of literature, argumentative and expository essays. Students will be expected to compose creative-writing assignments such as response and reaction papers, free-writing, and keeping a journal. The extensive writing is to increase students' ability to explain clearly and cogently what students understand about the literary works and how to interpret them.

Concurrent English 12 / Freshman Composition I & II - Pulaski Tech**Grade 12****Mathematics - 4 Units Required for Graduation****Algebra I****Grade 9**

The skills that you will acquire will contain the basic foundation students need for all high school math courses. Students develop algebraic fluency by learning the skills needed to solve equations and perform manipulations with numbers, variables, equations and inequalities.

Geometry**Grades 9-10**

Geometry has been used by man since the beginning of time. The ancient pyramids are based on geometrical design. Geometry is everywhere, not just in pyramids. Engineers use geometry to build highways and bridges. Artists use geometry to create perspective in their paintings and mapmakers help travelers to find things using the points located on a geometric grid. Throughout this course, students travel a mathematical highway illuminated by spatial relationships, reasoning, connections and problem solving.

Bridge to Alg II**Grades 10-12**

This math course picks up from the end of Algebra I and eases into the beginning of Algebra II helping to prepare students who will take Algebra II the following year.

Quantitative Literacy**Grades 11-12**

This course builds on Algebra I to explore mathematical topics and relationships. Emphasis will be placed on applying modeling as the process of choosing and using appropriate mathematics and statistics to analyze, to better understand, and to improve mathematical understanding in real world situations.

Algebra II**Grades 10-12**

The fundamental purpose of this course is to work with functions to include linear, quadratic, exponential, polynomial, rational and radical functions. Students will define functions, expand and model situations, and solve equations. Solutions to quadratic equations will include the set of complex numbers and properties of logarithms will be used to solve exponential equations. 9th grade students wanting to take this course will need administrator permission.

Pre-Calculus**Grades 11-12**

Students will use symbolic reasoning and analytical methods to represent mathematical situations, express generalizations, and study mathematical concepts and relationships among them. This course is intended for students that are interested in taking Calculus and studying a math-related profession such as engineering, computer sciences, and other technical related fields.

Concurrent College Algebra**Grades 11-12****Concurrent College Trigonometry****Grades 11-12****Concurrent College Calculus I****Grades 11-12****Concurrent College Calculus II****Grades 11-12**

SCIENCE - 3 Unit Required for Graduation

Physical Science - Integrated**Grade 9**

A study in the basic concepts of Physics and of the basic concepts of Chemistry.

Pre-AP Physical Science - Integrated

A study in the basic concepts of Physics and of the basic concepts of Chemistry. Students will use critical thinking skills to solve problems, read technical information, analyze data, calculate, measure, and identify the structure and behavior of matter, forces, and energy. In addition, students will participate in safe, structured laboratory investigations following the steps of the scientific method.

Biology - Integrated**Grade 10**

Biology is a laboratory science course covering the study of living things.

Pre-AP Biology - Integrated

Biology is a laboratory science course covering the study of living things. This course focuses on the study of life by examining the five fundamental concepts of cellular biology, genetics, ecology, evolution and physiology. The scientific process and laboratory skills are emphasized along with biology's connections to other scientific disciplines. Students learn scientific writing skills and examine current biological issues.

Environmental Science**Grades 11-12**

This course concentrates on ecology, man's relationship with the environment, pollution and natural cycles. It is a science class which will meet graduation requirements but is **not in the Smart Core**.

Chemistry - Integrated**Grades 11-12**

This course will explore the composition of matter through its properties, its atomic structure, and the manner in which it bonds and reacts with other substances.

Pre-AP Chemistry - Integrated**Grades 11-12**

This rigorous course will explore the composition of matter through its properties, its atomic structure, and the manner in which it bonds and reacts with other substances. Students will be expected to use algebraic mathematics and collect and analyze data. Instruction and assessment will include both appropriate technology and the safe use of laboratory equipment as well as independent research. In Pre-AP/IB, instruction will focus on the study of chemical measurements, formulas, equations, stoichiometry, atomic structure, the periodic table, gas laws, solutions, acids, bases, salts, carbon compounds and oxidation-reduction reactions. This course prepares students for AP Chemistry and is designed for the college bound student planning to major in science.

AP Biology**Grades 11-12**

Taught at the college level, AP Biology is a very challenging course that continues the in depth study of living organisms. Eight suggested lab topics are included.

AP Chemistry**Grade 12**

This course is designed to be the equivalent of the general Chemistry course usually taken during the first year of college and is as rigorous and fast-paced as a college class. Study will be focused on acid-based reactions, qualitative and quantitative analysis, molecular structure, chemical equilibrium, chemical kinetics, and thermodynamics. Basic concepts of organic chemistry will also be taught. Extensive independent inquiry lab work will be utilized in order to generate the skills and knowledge necessary for the Advanced Placement Exam.

SOCIAL STUDIES - 3 units required for graduation

Pre-AP World History

Grade 9

Only 9th grade students who intend on taking AP World History as 10th graders, are encouraged to take this course.

World History

Grade 10

Provides an in-depth study of the history of human society from the Emergence of the First Global Age 1450-1770 to the Contemporary World since 1945.

AP World History

Grade 10

AP World History is a rigorous course taught at the college level. It is designed to provide the student with analytical skills and factual knowledge necessary to deal critically with the problems and issues of World History. This course focuses on Asia, Europe, and Africa as well as the empires of China and Mesoamerica. *Prerequisite: For AP, successful completion of Pre-AP Civics/Econ is recommended*

American History

Grade 11

Students receive a strong foundation in United State History from pre-colonialism through the Progressive Era, allowing United State History since 1890 to focus in greater depth on the effects of changing culture, technology, world economy, and environment, as well as the impact of global conflicts on contemporary society in the United States.

AP US History

Grade 11

This is a rigorous course taught at the college level. It is designed to provide students the analytical skills and factual knowledge necessary to deal critically with the problems and issues of U.S. History. The course will emphasize college level reading and writing skills, including document analysis.

Civics/Economics

Grade 12

Civics is the study of American citizenship and government. Economics semester emphasizes economic fundamentals, microeconomics and macroeconomics. Students will explore the interrelationships among the roles played by consumers, producers, capital, land and labor. Starting in 2018-2019, all students will be required to take an Arkansas Civics Examination and must pass with at least a 60% or better.

Pre-AP Civics/Pre-AP Economics

Grade 12

Civics and Economics are both one semester classes that are required for graduation. Civics is the study of American citizenship and government and provides a basis for understanding the Constitution, the Bill of Rights, the election process as well as the function and structure of our national, state and local governments. The Economics semester emphasizes economic fundamentals, microeconomics and macroeconomics. Students will explore the interrelationships among the roles played by consumers, producers, capital, land and labor. Starting in 2018-2019, all students will be required to take an Arkansas Civics Examination and must pass with at least a 60% or better.

Psychology(semester)

Grades 9-12

This course is either one semester social studies elective introducing 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, motivation, emotion, adjustments to social environments and psychological disorders and treatments. This study stresses application, problem solving, and higher order thinking skills.

African American History – one semester

Grades 10-12

This social studies elective examines the contributions African Americans have made to the history of the United States. It is designed to assist students in understanding issues and events from multiple perspectives. This course helps students to develop an understanding of the historical roots of African American culture, especially as it pertains to social, economic, and political interactions.

AP Human Geography

The AP Human Geography course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications.

FINE ARTS - .5 credit required for graduation

Visual Art Appreciation – one semester

Grades 9-12

This course is designed to develop perceptual awareness and aesthetic sensitivity, as well as set a foundation for a lifelong relationship with the arts. Students will learn the elements of art through art history; explore the basic processes, materials, and inherent qualities of visual art; examine a broad range of methods; and reflect on the connections between society and visual art.

Art I

Grades 9-12

Art I is a full year introductory course designed to teach students to apply the elements of art and the principles of design. Students are expected to use a variety of media, techniques, processes, and tools to create original artwork that demonstrates understanding of aesthetic concerns and complex compositions. Students will create, critique, reflect, and make connections to art and society. Students will exhibit original artwork and develop portfolios that reflect their personal growth. Students may exempt Art I to move on to an upper level art class with a portfolio, previous art teacher recommendation and art instructor's approval.

Drawing I

Grades 10-12

Prerequisite: Art I

Drawing I is a one semester course designed to further teach students to apply the elements of art and the principles of design through drawing and mark making. Students will learn how to use different media, techniques, processes and tools to create original artwork. Students will create, critique, reflect works that express the student's personal voice.

Painting

Grades 10-12

Prerequisite: Art I

Painting is a two semester course designed to teach students to apply the elements of art and the principles of design using paint. Students are expected to use a variety of media, techniques, processes, and tools to create original artwork that demonstrates understanding of aesthetic concerns and complex compositions. Students will create, critique, reflect, and make connections to art.

SPEECH COMMUNICATIONS - .5 credit required for graduation

Oral Communication

Grades 10-12

This one semester course includes instruction on general communication theory as well as interpersonal communication, group discussion, listening, interviewing skills, and public speaking. It is designed to help students develop clear and logical expression of ideas, personal self-confidence, and conquering the fear of speaking in front of an audience and in a professional setting such as a job or school interview.

Concurrent Public Speaking

Grade 11-12

FOREIGN LANGUAGE

Spanish I

Grades 9-12

This course is designed to improve reading, writing, speaking and listening abilities in Spanish while examining and analyzing students' own and the Spanish culture and language. This course is intended to develop beginning language skills. Listening, speaking, writing, role-playing, and group activities are designed to instruct, reinforce, and connect language skills. This course includes applications, problem solving, higher-order thinking skills, and performance-based and project-based assessments.

Spanish II**Grades 10-12**

This course is designed to improve reading, writing, speaking and listening abilities in Spanish while examining and analyzing students' own and the Spanish culture and language. This course is intended for students with beginning to intermediate language skills. Listening, speaking, writing, role-playing, and group activities are designed to instruct, reinforce, and connect language skills. This course includes applications, problem solving, higher-order thinking skills, and performance-based and project-based assessments.

Spanish III**Grades 11-12**

This course is designed to improve reading, writing, speaking and listening abilities in Spanish while examining and analyzing students' own and the Spanish culture and language. This course is intended for students with intermediate language skills. Listening, speaking, writing, role-playing, and group activities are designed to instruct, reinforce, and connect language skills. This course includes applications, problem solving, higher-order thinking skills, and performance-based and project-based assessments.

AP Spanish**Grades 11-12**

This course is designed to improve reading, writing, speaking and listening abilities in Spanish while examining and analyzing students' own and the Spanish culture and language. This course is intended for students with high intermediate to advanced language skills. Listening, speaking, writing, role-playing, and group activities are designed to instruct, reinforce, and connect language skills. This course includes applications, problem solving, higher-order thinking skills, and performance-based and project-based assessments.

PHYSICAL EDUCATION AND HEALTH - .5 Health and .5 PE required for graduation

Digital Health and Safety**Grades 9-12**

Digital Health is a one semester course that consists of planned learning experiences which will assist students in achieving desirable understandings, attitudes and practices related to critical health issues. Areas of study will be emotional health, personal fitness, alcohol/tobacco/drug use and abuse, communicable and degenerative diseases including those sexually transmitted and ways to choose medical and health services. Curriculum incorporates the use of technology to satisfy the state-required digital learning course.

Physical Education – Personal Fitness for Life**Grades 9-12**

Physical Education is a one semester course designed to develop an appreciation of the history, rules, strategies and sportsmanship of selected team and individual sports. Cooperating activities and team sports will be volleyball, basketball and softball. Individual sports may include tennis, badminton, pickleball, aerobics and bowling. Each activity will last two to four weeks and will be introduced with emphasis placed on the history, strategies and rules. At the end of the activity, a written test will be administered. At the beginning of the semester each student will participate in physical conditioning ending with a Fitness Test. Students then will be allowed to choose an activity depending on the availability of staff, space and equipment.

Added Electives options for 2019-20 that will be offered in the COE depending on demand:

Career Readiness
College and Career Readiness
Intro to Criminal Justice
Creative Writing

Astronomy
Zoology
Photography
Journalism

Career Pathway Courses

Jobs for Arkansas Graduates

JAG I

Grades 11-12

Jobs for Arkansas Graduates (**JAG**) is a program preparing students for workplace success. This course involves classroom instruction and cooperative training on a job site as a wage earner. Students must have reliable transportation to leave campus during lab periods and will be required to show pay stubs to verify weekly work hours. Students must actively participate in an approved community service project each quarter.

JAG II

Grade 12

JAG 2 is for senior students. The course involves advanced methods in job finding techniques, attitude development, career planning, occupational guidance, functional living instruction and supervised work or training experience on an approved wage earning job site. Students must have reliable transportation to leave campus during lab periods and will be required to show pay stubs to verify weekly work hours. Students must actively participate in an approved community service project each quarter.

Required of All Pathways

Intro to COE (Local credit only)

Grade 9

An overview of all COE pathways, to help freshman make an informed decision about the pathway classes they choose as upperclassmen. It will be a 6 week rotation through our pathways while touching on social and emotional intelligence.

Biomedical Science - PLTW

Principles of Biomedical Science (Full year)

Grades 10-11

PBS is the foundational course for the Biomedical Science program pathway that allows students to explore the concepts of biology, medicine, and research processes to determine scientific factors that led to the death of a fictional person. While investigating the case, students begin with the mystery of a potential crime scene examining autopsy reports while investigating medical history and treatments that might have prolonged the person's life. Students explore many careers in the Biomedical Science field while designing their own experiments to learn about genetics, diabetes, sickle cell disease, heart disease, hypercholesterolemia, and infectious diseases. Students guide their own learning through collaborative research and hands-on laboratory exercises using the latest, most high-tech biomedical laboratory equipment. Expenses include the cost of scrubs, white leather shoes, and an active HOSA membership.

Human Body Systems (Full year)

Grades 11-12

HBS allows students to explore science in action by building tissues and organs on a personal skeleton throughout the course. Students determine the identity of their skeleton using both forensic anthropology and DNA analysis. Students examine interactions of human body systems applying knowledge gained and take on the roles of biomedical professionals to solve real-world medical cases. High-tech data acquisition software allows students to monitor the physiology of muscle movement, reflex and voluntary action, along with respiration in the human body. Through projects, students explore homeostasis via concepts related to identity, communication, power, and protection of the human body. Expenses include the cost of scrubs, white leather shoes, and an active HOSA membership.

Medical Interventions (Full year)

Grades 11-12

MI fosters student participation in activities such as designing a prosthetic arm along with following the life of a fictitious family investigating how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. Expenses include the cost of scrubs, white leather shoes, and an active HOSA membership.

Biomedical Innovations (Full year)

Grades 11- 12

BI is the capstone course for the Biomedical Science program of study and allows students to design their own innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. Students have the opportunity to work on an independent project with a mentor or advisor from a university, medical facility, or research institution. Expenses include the cost of scrubs, white leather shoes, and an active HOSA membership.

Computer Science

Computer Science with Programming/Coding Emphasis I & II (Full year)

Grades 10-12

This course is an introduction to the computer science pathway. The Java programming language will be introduced and explored using the BlueJ and Greenfoot integrated development environments. Students will explore, apply, and move toward mastery in skills and concepts related to computational thinking and problem-solving; data and information; algorithms and programs; computers, and communications; and community, global, and ethical impacts. Students will learn to accomplish tasks and solve problems independently and collaboratively.

Computer Science with Programming/Coding Emphasis III & IV (Full year)

Grades 10-12

This course is an intermediate course in the computer science pathway. The course will further develop students' skills using object-oriented programming. Students will further explore, apply, and move toward mastery in skills and concepts related to computational thinking and problem-solving; data and information; algorithms and programs; computers, and communications; and community, global, and ethical impacts. Students will learn to accomplish tasks and solve problems independently and collaboratively.

AP Computer Science A (Full year)

Grades 10-12

This course is equivalent to a first semester, college-level course in computer science. The course introduces students to fundamental topics including problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. The AP Computer Science A course curriculum is compatible with many CS1 courses in colleges and universities.

Computer Science Independent Study (Full year)

Grades 11-12

This course is designed to enrich the student's computer science educational experience. The student will exhibit proficiency in computer science through perseverance, collaboration, patterns, tools, communication, ethics and impact, and problem-solving. The student will be required to develop a plan and submit it to the course advisor who is responsible for reviewing, monitoring, and approving the plan. The student will produce a final product for presentation at the end of the course.

Robotics I/ II (semester courses)

Grades 10-12

These courses are designed to be an introduction to the designing, construction, programming, and testing of robotic mechanisms and sensors using the VEX EDR Robotics platform.

Engineering - PTLW

Introduction to Engineering Design (IED) (Full year)

Grades 10-12

Introduction to Engineering Design is an introductory course that develops students' problem-solving skills, with emphasis placed on the concept of developing a 3D model or solid rendering of an object. Students focus on the application of visualization processes and tools provided by modern, state-of-the-art computer hardware and software.

Principles of Engineering (POE) (Full year)

Grades 10-12

Principles of Engineering is a broad-based survey course designed to help students understand the field of engineering and engineering technology and its career possibilities. Students will develop engineering problem-solving skills that are involved in postsecondary education programs and engineering careers. They will explore various engineering systems and manufacturing processes and manufacturing processes.

Engineering Design and Development (Full year)

Grades 11-12

In this course, students will work in teams of two to four to design and construct the solution to an engineering problem, applying the principles developed in the preceding courses.

Manufacturing - Possible concurrent credit

Introduction to Manufacturing (Full year)

Grades 10-12

This course is designed to introduce the student to the world of advanced manufacturing and establish a foundation upon which further studies in manufacturing might rest. Students will explore basic manufacturing materials and processes, tools, techniques, and produce some simple products.

Design for Manufacturing (Full year)**Grades 10-12**

This course is designated to expand on the introductory manufacturing course and expose the student to basic design concepts, computer skills, and drawing skills used in product and process design within the field of manufacturing. Additionally, the course is designed to expose students to a number of interpersonal skills and competencies necessary for a sustained career in manufacturing.

Specialization Courses:**Grades 11-12****Manufacturing Production Processes****Manufacturing Power & Equipment Systems****Computer Integrated Manufacturing (PLTW)****Concurrent Welding through Pulaski Technical College****Grades 11-12**

Medical Professions

Medical Professions is a program offered to students who are interested in the medical field. It provides students with a solid medical foundation in the classroom and selective scheduled clinical days at local hospitals and nursing homes, plus employable skills and certifications. Descriptions of courses offered in this program are listed below.

Foundations of Health Care (Full year)**Grades 10-12**

This course is designed to introduce students to medical professions and the basic foundations skills for first aid and treatment of patients. Along with Anatomy and Physiology this is a foundation core course for subsequent education and training in health services. This course is a revised combination of introduction to Medical Professions and Medical Procedures.

Human Anatomy and Physiology (Full year)**Grades 10-12**

A study of the human body and how it works, with a focus on diseases and disabilities. The class will cover all 12 body systems. This class is primarily book work with independent research and some labs.

Medical Terminology (semester)**Grades 10-12****Prerequisite: Foundations of Health Care**

A study of words and abbreviations used in all medical professions. These words have Latin and Greek origins. Memorization is required and there are weekly quizzes. This class is all book work.

Medical Procedures (CNA) (Full year)**Grades 10-12****Prerequisite: Foundations of Health Care**

A study and practice of all the nursing skills required to attain a licensure as a CNA (Certified Nurse Assistant) This class is focused on hands-on skills but does require some book work.

First Responder (Full year)**Grades 10-12****Prerequisite: Foundations of Health Care**

(Community Preparedness) Training in FEMA's Community Emergency Response Team (CERT) program, basic first aid, CPR and AED. This class includes book work and hands-on skills.

Pharmacy Technician (Full year)**Grades 11-12****Prerequisite: Foundations of Health Care**

A study of all the pharmacy technician skills required to attain a licensure as a Pharm tech. It requires memorization of drug names and their effects and a good understanding of algebra. Algebra II is recommended before attempting Pharmacy Tech. This class is primarily book work with some hands-on skills.

Abnormal Psychology (1 semester)**Grades 11-12****Prerequisite: Foundations of Health Care**

This course provides a basic survey of maladaptive human behavior. Major psychological disorders, their causes, symptom behaviors, cultural influences, and relevant treatment approaches are discussed.

Human Behavior and Disorders (1 semester)**Grades 11-12****Prerequisite: Foundations of Health Care**

This course focuses on normal behavior and personality, abnormal behavior and personality, and behavior disorders and the therapies used to treat those disorders and abnormalities.

Foundations of Sports Medicine (Full Year)

Grades 11-12

Prerequisite: Foundations of Health Care

Introduction to Kinesiology and treatment of sport-related injuries.

Sports Medicine Year II (Full Year)

Grade 12

Prerequisite: Foundations of Sports Medicine

A continuation of the study of treatment of sport-related injuries.

Transportation, Distribution, and Logistics

Diesel Mechanics I/ Brakes (Full year)

Grades 10-12

This instructional program prepares individuals to diagnose and repair diesel equipment in on-road and off-road vehicles and machinery.

Diesel Mechanics II/Electrical Systems (Full year)

Grades 10-12

This instructional program prepares individuals to diagnose and repair diesel equipment in on-road and off-road vehicles and machinery. Advanced on-the-job training may be included.

Mobile Equipment Maintenance and Repair Lab (Full year)

Grades 10-12

This production-based program is designed to allow for the development of skills and knowledge needed to execute comprehensive power equipment repair.

Career Readiness and Local Credit

Apprenticeship (.5 credit)

Grades 11- 12

Students taking this course will participate in a paid job experience for at least a semester that is in a specific pathway offered in the Center of Excellence. Includes summer work experience.

Internship (.5 credit)

Grade 12

Students participating in the internship course will receive unpaid experience on a job site with a participating partner. Includes summer work experience.

COE students who take classes in the high school must abide by all high school policies and procedures regarding those classes.

****HIGH SCHOOL COURSES****

LANGUAGE ARTS

4 Units Required for Graduation

English 9

Grade 9

The primary purpose of this English class is to continue to guide students in building the skills listed in the Arkansas English Language Arts Standards for grade 9 toward success in future English classes, ACT, ACT Aspire, college, career, and the real world. Our diverse curriculum includes world literature, a variety of fiction and non-fiction prose, poetry, and will include reading, writing, critical thinking, and grammar.

Pre-AP English 9

Grade 9

Prerequisite for Pre-AP/IB: A record of achievement in middle school Honors English is recommended

The primary purpose of this **accelerated** English class is to continue to guide students in building the skills listed in the Arkansas English Language Arts Standards for grade 9 toward success in future English classes, ACT, ACT Aspire, college, career, and the real world. Our diverse curriculum includes world literature, a variety of fiction and non-fiction prose, poetry, and will include reading, writing, critical thinking, and grammar.

English 10

Grade 10

The primary purpose of this English class is to continue to guide students in building the skills listed in the Arkansas English Language Arts Standards for grades 9 and 10 toward success in future English classes, ACT, ACT Aspire, college, career, and the real world. Our diverse curriculum includes world literature, a variety of fiction and non-fiction prose, poetry, and will include reading, writing, critical thinking, and grammar.

Pre-AP English 10

Grade 10

Prerequisite for Pre-AP/IB: A record of achievement in Pre-AP/IB is recommended

The primary purpose of this **accelerated** English class is to guide students in building the rigorous skills needed to succeed in AP Language, AP Literature, IB English I/II, Honors English III, future classes in high school, ACT, ACT Aspire, college, career, and the real world. Furthermore, this class should assist students in discovering new things about themselves and the world around them through analytical reading (in and out of the classroom), writing, and discussion. Our diverse curriculum includes world literature, a variety of fiction and non-fiction prose, poetry, and will include etymology, vocabulary, grammar, and ACT prep.

English 11

Grade 11

Course focus : analyzing a variety of American and world literature texts, including poetry, short stories, and novels. Secondly, students may read a limited selection of non-fiction. Students will create a variety of texts including creative, self-expressive, argumentative, and analytical.

English 11 Honors**Grade 11**

Course focus : analyzing a variety of American and world literature texts, including poetry, short stories, and novels. Secondly, students may read a limited selection of non-fiction. Students will create a variety of texts including creative, self-expressive, argumentative, and analytical. Honors English is an **accelerated** college preparatory class.

AP Language & Composition**Grade 11**

Prerequisite for AP: A record of achievement in Pre-AP is recommended

Course focus: analyzing non-fiction, including essays, speeches, and letters. Students will analyze rhetorical techniques an author uses to communicate themes; synthesize an argument and cite a variety of sources; establish a claim and anticipate counter-arguments. AP English is a college-level class.

English 12**Grade 12**

Course focus : analyzing a variety of American and world literature texts, including poetry, short stories, and novels. Secondly, students may read a limited selection of non-fiction. Students will create a variety of texts including creative, self-expressive, argumentative, and analytical.

English 12 Honors**Grade 12**

Course focus : analyzing a variety of American and world literature texts, including poetry, short stories, and novels. Secondly, students may read a limited selection of non-fiction. Students will create a variety of texts including creative, self-expressive, argumentative, and analytical. Honors English is an **accelerated** college preparatory class.

AP Literature & Composition**Grade 12**

Prerequisite: A record of achievement in AP Language is recommended

Course focus: intensive study of representative works from different genres, periods and cultures, all appearing on the AP Lit exam. Students will be reading deliberately and thoroughly to determine what textual details provoke a higher level of interpreting the text. Writing will include critical analysis of literature, argumentative and expository essays. Students will be expected to compose creative-writing assignments such as response and reaction papers, free-writing, and keeping a journal. The extensive writing is to increase students' ability to explain clearly and cogently what students understand about the literary works and how to interpret them.

Dramatic Literature**Grades 9-12**

This is a language arts course designed to introduce students to the study of dramatic literature. Through the study of written plays, students will become informed, perceptive, and appreciative audience members of plays from various cultures and time periods.

Journalism I**Grades 10-12**

Prerequisite: B or better in previous English course

Newspaper is designed to provide students with the history and fundamental concepts of news gathering and news writing for print and digital media. Students will explore the history of journalism, and develop an understanding of the concepts of newsworthiness, news values, and communications law and ethics. Students will understand and practice effective note-taking and interviewing strategies. Students in this course will develop writing and editing skills by producing articles for the online school newspaper. Furthermore, students will develop skills in photography and design. This course may require some after school deadlines and out-of-class time for news gathering.

Journalism I: Yearbook
Grades 10-12

This program is designed to introduce students to the world of media. Writing, technology and visual and electronic media are used as tools for learning as students create, clarify, critique and produce effective communication.

Journalism II & III: Yearbook
Grades 11-12

This program is designed to introduce students to the world of media. Writing, technology and visual and electronic media are used as tools for learning as students create, clarify, critique and produce effective communication.

Creative Writing
Grades 10-12

Prerequisite: Passing grade of B or better in previous English course

Creative Writing provides students with intensive practice in writing prose and poetry. Instruction is formatted on the workshop style: students work with the teacher and other students as a community of learners. Writing is collected in a portfolio, which is used as an assessment tool.

Concurrent English 12 / Freshman Composition I & II
Grade 12

MATHEMATICS

4 Units Required for graduation

Algebra I **Grade 9**

Prerequisite for Algebra I: Assessment Data Indicating Eligibility

Algebra I A & B
Grades 9 & 10

Designed to help students performing below grade level in mathematics, students take Algebra I A in the 9th grade and Algebra I B in the 10th grade. Students will complete the Algebra I frameworks with additional assistance and strategies designed to improve achievement.

Geometry
Grades 9-10

Prerequisite: Algebra I

Geometry A & B
Grade 10-11

Prerequisite: Algebra I A & B

Designed to help students performing below grade level in mathematics, students take Geometry A in the 11th grade and Geometry B in the 12th grade. Students will complete the geometry frameworks with additional assistance and strategies designed to improve achievement.

Bridge to Algebra II
Grades 11-12

Prerequisites: Algebra I and Geometry

This course will reinforce linear concepts previously included in the Algebra I course through modeling functions and summarizing, representing and interpreting data. Introducing higher order concepts involving quadratic and exponential functions will prepare students for success in Algebra II. This course will meet graduation requirements but is **not in the Smart Core**.

Algebra II or Algebra II (Honors)

Grades 10-12

Prerequisite: Geometry

The fundamental purpose of this course is to work with functions to include linear, quadratic, exponential, polynomial, rational and radical functions. Students will define functions, expand and model situations, and solve equations. Solutions to quadratic equations will include the set of complex numbers and properties of logarithms will be used to solve exponential equations.

Algebra III

Grades 11

Prerequisite: Algebra II; recommended ACT of 18+

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 to prepare students for transition to College Algebra.

Quantitative Literacy

Grade 12

Prerequisites: Algebra I and Geometry

This course builds on Algebra I to explore mathematical topics and relationships. Emphasis will be placed on applying modeling as the process of choosing and using appropriate mathematics and statistics to analyze, to better understand, and to improve mathematical understanding in real world situations.

Pre-Calculus

Grades 11-12

Prerequisite: Algebra II

Students will use symbolic reasoning and analytical methods to represent mathematical situations, express generalizations, and study mathematical concepts and relationships among them. This course is intended for students that are interested in taking Calculus and studying a math-related profession such as engineering, computer sciences, and other technical related fields.

Statistics

Grade 12

Prerequisites: Recommended Algebra III, Pre-Calculus, or Calculus

Statistics provides students with an understanding of the concepts of mathematics analysis through data collection. Sequences will be studied using real world financial situations.

AP Calculus AB

Grades 11-12

Prerequisite: Pre-Calculus

A multi-representational approach to Calculus, with concepts, results and problems being expressed graphically, numerically, symbolically, analytically and verbally through the use of unifying themes of derivatives, integrals, limits, application and modeling and approximation. Graphing calculator recommended.

AP Calculus BC

Grade 12

Prerequisite: Calculus AB

More extensive than Calculus AB and includes concepts involving polar coordinates, vectors, sequences and series, and differential equations. A graphing calculator is highly recommended.

Advanced Topics in Mathematics Grades 12

Prerequisite: Algebra II

This course builds on Algebra I, Geometry, and Algebra II to explore mathematical topics and relationships beyond Algebra II. Students will represent and process their reasoning and conclusions numerically, graphically, symbolically, and verbally. Students will be expected to use technology, including graphing calculators, computers, and data gathering equipment throughout the course. This course is intended to help students reach career readiness standards.

Concurrent College Algebra

Grades 11-12

Concurrent College Trigonometry

Grades 11-12

Concurrent College Calculus I

Grades 11-12

Concurrent College Calculus II

Grades 11-12

SCIENCE

3 Unis Required for Graduation

Physical Science - Integrated Grade 9

One semester of study in the basic concepts of Physics and one semester in the basic concepts of Chemistry, students will use critical thinking skills to solve problems, read technical information, analyze data, calculate, measure, and identify the structure and behavior of matter, forces, and energy. In addition, students will participate in safe, structured laboratory investigations following the steps of the scientific method.

Pre-AP Physical Science - Integrated Grade 9

Prerequisite: For PAP/IB-strong performance in science, Algebra I or Geometry

An **accelerated** course in which students have one semester of study in the basic concepts of Physics and one semester in the basic concepts of Chemistry. Students will use critical thinking skills to solve problems, read technical information, analyze data, calculate, measure, and identify the structure and behavior of matter, forces, and energy. In addition, students will participate in safe, structured laboratory investigations following the steps of the scientific method.

Biology - Integrated Grade 10

Biology is a laboratory science course covering the study of living things. This course focuses on the study of life by examining the five fundamental concepts of cellular biology, genetics, ecology, evolution and physiology. The scientific process and laboratory skills are emphasized along with biology's connections to other scientific disciplines. Students learn scientific writing skills and examine current biological issues.

Pre-AP Biology - Integrated Grade 10

Prerequisite: For Pre-AP, a successful background in physical science

An **accelerated** course PAP Biology is a laboratory science course covering the study of living things. This course focuses on the study of life by examining the five fundamental concepts of

cellular biology, genetics, ecology, evolution and physiology. The scientific process and laboratory skills are emphasized along with biology's connections to other scientific disciplines. Students learn scientific writing skills and examine current biological issues.

Environmental Science

Grades 11-12

Prerequisite: Physical Science and Biology

This course concentrates on ecology, man's relationship with the environment, pollution and natural cycles. It is a science class which will meet graduation requirements but is **not in the Smart Core**.

Anatomy/Physiology

Grades 11-12

Prerequisite: Biology

This course deals with the human body at all levels of organization from cells to systems to the whole organism. Class includes structure, function and pathology of anatomical structures. Some labs include the language of anatomy and physiology and cell chemistry, along with the microscopic study of cell and tissue types. A required component of the course is the dissection of preserved animal specimens to learn more about organ systems. This course meets graduation requirements but is **not in the Smart Core**. It can also be counted in the med pro completer program.

Chemistry - Integrated

Grades 11-12

Prerequisite: Successful completion of Algebra I, Geometry, Algebra II, and Physical Science

This rigorous course will explore the composition of matter through its properties, its atomic structure, and the manner in which it bonds and reacts with other substances. Students will be expected to use algebraic mathematics and collect and analyze data. Instruction and assessment will include both appropriate technology and the safe use of laboratory equipment as well as independent research. In Pre-AP/IB, instruction will focus on the study of chemical measurements, formulas, equations, stoichiometry, atomic structure, the periodic table, gas laws, solutions, acids, bases, salts, carbon compounds and oxidation-reduction reactions. This course prepares students for AP Chemistry and is designed for the college bound student planning to major in science.

Pre-AP Chemistry - Integrated

Grades 11-12

Prerequisite: Successful completion of Algebra I, Geometry, Algebra II, and Physical Science

This rigorous and **accelerated** course will explore the composition of matter through its properties, its atomic structure, and the manner in which it bonds and reacts with other substances. Students will be expected to use algebraic mathematics and collect and analyze data. Instruction and assessment will include both appropriate technology and the safe use of laboratory equipment as well as independent research. In Pre-AP/IB, instruction will focus on the study of chemical measurements, formulas, equations, stoichiometry, atomic structure, the periodic table, gas laws, solutions, acids, bases, salts, carbon compounds and oxidation-reduction reactions. This course prepares students for AP Chemistry and is designed for the college bound student planning to major in science.

Physics

Grades 11-12

Prerequisite: Geometry, Algebra II, Physical Science

This rigorous course will ground students in the five traditional areas of Physics (Newtonian mechanics, thermodynamics, optics, electricity and magnetism, and quantum mechanics) as well as the nature of science. Students should be expected to use higher level mathematics

and collect and analyze data. Instruction and assessment will include both appropriate technology and the safe use of laboratory equipment.

Zoology

Grades 11-12

Prerequisite: Biology

This is an in depth study of the animal kingdom. Zoology will concentrate on the anatomy/physiology and behavior of living animals in a survey of the animal phyla from protozoa to mammals. Required components of this course are an animal research project (paper or video) and dissection of a preserved animal. This course meets graduation requirements but is **not in the Smart Core**.

AP Biology

Grades 11-12

Prerequisite: Biology (Pre-AP Biology recommended)

Taught at the college level, AP Biology is a very challenging course that continues the in depth study of living organisms. Eight suggested lab topics are included.

AP Chemistry

Grade 12

Prerequisite: Successful completion of Biology, Algebra II, and Chemistry

This course is designed to be the equivalent of the general Chemistry course usually taken during the first year of college and is as rigorous and fast-paced as a college class. Study will be focused on acid-based reactions, qualitative and quantitative analysis, molecular structure, chemical equilibrium, chemical kinetics, and thermodynamics. Basic concepts of organic chemistry will also be taught. Extensive independent inquiry lab work will be utilized in order to generate the skills and knowledge necessary for the Advanced Placement Exam.

AP Environmental Science

Grade 11-12

Prerequisite: Physical Science, Biology and Chemistry or concurrent enrollment in Chemistry

Provide students with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world. Students learn to identify and analyze environmental problems both natural and human-made, evaluate the relative risks associated with these problems, and examine solutions for resolving or preventing them through investigations in the laboratory and field. Outdoor investigations are a required component of the course.

AP Physics

Grade 11-12

Prerequisite: Enrollment in Pre-Calculus

AP Physics I is an algebra-based, introductory college level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. **AP Physics II** – *Prerequisite: AP Physics I and grade of C or better.* AP Physics II is an algebra-based, introductory college level physics course that explores topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics.

SOCIAL STUDIES

3 units required for graduation

Civics/Economics

Grade 12

Civics and Economics are both one semester classes that are required for graduation. Civics is the study of American citizenship and government and provides a basis for understanding the Constitution, the Bill of Rights, the election process as well as the function and structure of our national, state and local governments. The Economics semester emphasizes economic fundamentals, microeconomics and macroeconomics. Students will explore the interrelationships among the roles played by consumers, producers, capital, land and labor. Economics will also fulfill the Personal Finance graduation requirement.

Civics/Economics Honors

Grade 12

Prerequisite for PAP: Strong record of achievement in social studies

Civics and Economics are both one semester classes that are required for graduation. The Honors course is **accelerated**. Civics is the study of American citizenship and government and provides a basis for understanding the Constitution, the Bill of Rights, the election process as well as the function and structure of our national, state and local governments. The Economics semester emphasizes economic fundamentals, microeconomics and macroeconomics. Students will explore the interrelationships among the roles played by consumers, producers, capital, land and labor. Economics will also fulfill the Personal Finance graduation requirement.

AP Human Geography

Grade 9-10

The AP Human Geography course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications.

World History

Grade 10

Required for graduation, this chronological study explores the history of the world from the 15th century to contemporary events. Heavy emphasis is placed on the significant development and contributions of western and eastern civilizations. This includes major events and movements along with various personalities influencing them. Students will expand their understanding of geography, education, religion, philosophy, and technology.

World History Honors

Grade 10

Required for graduation, this chronological study explores the history of the world from the 15th century to contemporary events. Heavy emphasis is placed on the significant development and contributions of western and eastern civilizations. This includes major events and movements along with various personalities influencing them. Students are encouraged to develop an appreciation for the diversity in culture, while also developing critical thinking skills by reading and analyzing influential documents. Students will expand their understanding of geography, education, religion, philosophy, and technology. This is an **accelerated** course.

AP World History

Grade 10

AP World History is a rigorous course taught at the college level. It is designed to provide the student with analytical skills and factual knowledge necessary to deal critically with the

problems and issues of World History. This course focuses on Asia, Europe, and Africa as well as the empires of China and Mesoamerica. *Prerequisite: For AP, successful completion of Pre-AP Civics/Econ is recommended*

American History **Grade 11**

Required for graduation, this study is the chronology of American History from 1890 to modern days stressing economic, political and social developments. An appreciation of the United States democratic system and heritage is emphasized.

American History Honors **Grade 11**

Required for graduation, this study is the chronology of American History from 1890 to modern days stressing economic, political and social developments. Course objectives include developing skills which enable students to define problems, exercise analytical thinking and offer effective solutions facing the nation and its citizens. An appreciation of the United States democratic system and heritage is emphasized. This is an **accelerated** course.

AP US History **Grade 11**

Prerequisite: Successful completion of advanced social studies course is recommended

This is a rigorous course taught at the college level. It is designed to provide students the analytical skills and factual knowledge necessary to deal critically with the problems and issues of U.S. History. The course will emphasize college level reading and writing skills, including document analysis.

Psychology-one semester or full year
Grades 9-12

This course is either one semester **or** a full year social studies elective introducing 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, motivation, emotion, adjustments to social environments and psychological disorders and treatments. This study stresses application, problem solving, and higher order thinking skills.

AP Psychology
Grade 10-12

Prerequisite: Psychology recommended

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

African American History – one semester **Grades 10-12**

This social studies elective examines the contributions African Americans have made to the history of the United States. It is designed to assist students in understanding issues and events from multiple perspectives. This course helps students to develop an understanding of the historical roots of African American culture, especially as it pertains to social, economic, and political interactions.

Sociology – one semester
Grades 10-12

This social studies elective introduces students to the social systems and emphasizes culture and socialization, social status, social institutions, social problems, and the effects/influence on behavior. Using the tools and techniques of sociologists, students will study changes taking place in society and examine their causes, consequences, and possible solutions. Students will read major sociological theorists as well as consider how sociologists approach issues.

World Geography – one semester
Grades 9-12

This social studies elective emphasizes the interaction of humans and their physical and cultural environments. This study will focus on five major themes: location, place, human/environment interactions, movement, and regions and includes studies on current developments around the world affecting physical and cultural settings. Physical settings will include topography, resources, climates, and environmental conditions. Cultural settings include population, political structures, lifestyles, economics, and customs. Students will analyze and interpret a variety of geographic resources including primary sources, maps, and graphic evidence.

AP European History
Grades 11-12

Prerequisite: A strong record of achievement in Social Studies is recommended

Taught at the college level, this advanced course is a study of European History since 1450 and introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. In addition to providing a basic narrative of events and movements, the goals of AP European History are to develop an understanding of some of the principal themes in modern European History, to develop the ability to analyze historical evidence and historical interpretation and the ability to express historical understanding in writing.

AP U.S. Government and Politics
Grades 11-12

Prerequisite: A strong record of achievement in Social Studies is recommended

Taught at the college level, this advanced class is a survey of the modern day American government and political system. There is an emphasis on statistical analysis of polling and discussion of real-world political practices. Students explore the current function and contemporary trends in American politics including the function of government, interactions of the branches, the role of the media, the process of campaigning and the potential weaknesses in our current system of government. Can fulfill civics requirement.

FINE ARTS

.5 credit required for graduation

Instrumental Music

Band I , II, III, IV (Marching/Concert Band)

Grade 9-12

Prerequisite: Successful completion of previous grade-level band

Band I, II, III, IV is the audition marching and concert band. Students taking these courses must have had at least two years of previous instrumental music experience. Students are expected to devote time outside class for practice and performance at various venues.

Music Theory

Grades 11-12

Prerequisite: Successful completion of one year High School Vocal or Instrumental Music

This is a rigorous course designed to expand and enhance the skills of the serious high school musician. Students will examine components of music composition, melodic practices, theories of harmony and other musical concepts. Different stylistic periods of music will be analyzed and students will develop notation, aural and sight reading skills. Emphasis is placed on the application of rhythm, melody, harmony form and other compositional devices into original compositions.

Jazz Band I, II, III, IV

Grades 9-12

Prerequisite: Audition with head band director

Jazz Band is an advanced, audition based class for instrumental music students. Instrumentation is limited to that of the standard jazz band (trumpet, trombone, saxophone, percussion, rhythm guitar, bass guitar and/or acoustic bass violins), although it may be augmented, from time to time, by other instruments. The course of study is concerned primarily with contemporary, pop, and jazz literature.

Beginning String Orchestra

Grades 9-12

Open to all students interested in learning how to play the violin, viola, and cello; and who have had no experience with the instruments. Some previous music reading experience helpful. For those band or choir students who are interested in majoring in music in college, this course will give you preliminary experience in the string instrument family to support you in your music major. Several genres are explored such as classical, fiddling, jazz, and Mariachi. No audition required. Two concerts each year.

Advanced String Orchestra

Grades 9-12

Open to students with violin, viola, or cello experience, and rising 9th graders from the NLR Middle School string program or other middle school string programs. Audition required where students will be asked to play one major scale and one minor scale, plus perform a piece of their choosing, and a short sight reading. Several genres are explored such as classical, fiddling, jazz, and Mariachi. Open to all NLRHS Arkansas Symphony Youth Orchestra members. Two concerts each year, plus the possibility of performances outside of school.

Vocal Music

Wildcat Singers

Grades 9-12

This chorus provides guided development of all voice ranges, and blending voices in a choral setting. Attention is given to developing music literacy through the basics of music theory, ear training, sight singing, and music history.

Freshmen Select Choir

Grade 9

Prerequisite: Audition

This chorus is a mixed ensemble of 9th grade students focused on high quality choral performance in a variety of styles, and developing music literacy. In addition to local concerts, the choir participates in a regional choral performance assessment. Students will also audition for all-region choir.

Concert Treble Choir

Grades 10-12

Prerequisite: Audition

This ladies' chorus is made up of students who are committed to high quality choral performance in a variety of styles, emphasizing proficiency in blend, balance, intonation, interpretation, and diction appropriate for a large ensemble experience. While emphasizing the unique qualities of a treble choir, the chorus will also combine with the Concert Men to perform as a mixed choir. Students will sing and develop an understanding of music from a variety of styles and periods of vocal literature and continue developing music literacy. The choir performs in local concerts and students will audition for all-region choir.

Concert Men's Choir

Grades 10-12

Prerequisite: Audition

The men's chorus is made up of students who are committed to high quality choral performance in a variety of styles, emphasizing proficiency in blend, balance, intonation, interpretation, and diction appropriate for a large ensemble experience. While emphasizing the unique qualities of a men's choir, the chorus will also combine with the Concert Ladies to perform as a mixed choir. Students will sing and develop an understanding of music from a variety of styles and periods of vocal literature and continue developing music literacy. The choir performs in local concerts and students will audition for all-region choir.

Advanced Vocal Ensemble

Grades 10-12

Prerequisite: Audition

This chorus is a highly select mixed ensemble of advanced level vocalists committed to performance of high quality choral repertoire. Emphasis is on developing solo/ensemble vocal skills, advanced music literacy, sight singing techniques, standards for musical analysis, music listening skills, and music history. Students will be required to attend periodic extra rehearsals to meet the choir's performance expectations. AVE will perform in multiple concerts and attend region choral performance assessment, and will audition for all-region/all-state choirs.

Show Choir

Grades 11-12

Prerequisite: Audition

This course is a mixed ensemble made up of vocalists who perform swing, jazz, pop, and show music with choreography. Students must pass a vocal and dance audition to be considered for membership, have a 2.0 GPA and be recommended by a teacher outside the music, drama or dance departments to verify the student's "good standing" within the school. Show Choir performs in many concerts and events during the year. Students should have access to transportation for attending extra rehearsals and a cell phone or other device to use in rehearsing music and choreography files, and to receive communication from the director and student leaders.

Theatre Arts

Costume/Makeup

Grades 10-12

Prerequisites: Costume/Makeup II & III require successful completion of the previous course

Costume/Makeup I is an introductory course into the design, analysis, creation, construction, and implementation of theatrical costumes and makeup. Students will spend the first semester in a costume intensive program, learning hand and machine sewing, analysis, design, sketching, and theory. Students will spend the second semester in a makeup intensive program, learning cosmetic types, facial anatomy, straight stage makeup, and special effects. The year ends with

a specialized group project that combines the full year's learning. Students are required to work on costumes after school for both the fall show and spring musical. **Costume/Makeup II** is an advanced course in the use of fabrics, building of patterns, and costume construction techniques for the fall and spring productions. Students will learn advanced makeup design and application techniques. Students will be directly involved in researching, problem solving, evaluating, and creating projects highlighting the skills they have learned over the past two years. Students will have opportunities to participate on costume and makeup running crews and will be required to work after school on costume and/or makeup labs. **Costume/Makeup III** directly involves students in designing, construction, and taking roles of leadership in the fall and spring productions. This class will involve more in depth projects, requiring exemplary skills, more creative thinking, and problem solving. Students will learn special effects makeup using prosthetics, beards, and wigs. Another component is the required laboratory time, scheduled after school, to prepare for the upcoming productions. It is highly encouraged that students take a leadership role on costume and makeup crews for the fall show. Students will be involved in learning to purchase, rent, and fit costumes for the productions. Strong leadership skills will be taught at this level. ****Students are required to put theatrical makeup on their faces in these classes.**

Theatre I ,II, III, IV

Grades 9-12

Prerequisite: Theater II, III, & IV require successful completion of the previous class

A performance program, drama students study pantomime, improvisation, acting, play production, play and character analysis, and theater history. Students will be required to perform in front of the class at all levels. The **Theatre I** course is designed to introduce students to advanced acting. Students will be involved in scene study, styles of acting methods, theatre history, and script writing. Students will be required to perform in front of the class. The **Theatre II** course is designed to introduce students to great actors, directors, playwrights and their contributions to the theatre. Drama students will analyze and perform published works. Students will create their own one-act reader's theatre for possible public performance. **Theatre III and IV** are designed to introduce students to a concentrated study of theater directing and playwriting. Drama students will be involved in scene study, theatre history and will be required to produce and direct a one act play.

Film Studies

Grades 9 – 12

Film Studies is the study of the production, aesthetics, and history of the 20th century's most important visual medium – film. As a storytelling device, as historical documentation, as an expression of imagination, as an artistic object, there is no form more capable of capturing our interest and provoking the senses. Movies can create worlds of magic, fantasy, and romance just as easily as they can expose the dim reality of actual events. Through the study and analysis of film texts and exercises in film making, the Film Studies course explores film history, theory, and production. The course enables students to appreciate differing individual, cultural, and historical perspectives in film. Some film viewing and production beyond school hours, in addition to participation in the facilitation of the NLRHS film festival will be required.

Stagecraft

Grades 9-12

Prerequisite: Stagecraft II, III, & IV require successful completion of previous class & teacher approval

Stagecraft I is appropriate for the beginning theatre student in 9th and 10th grades. Through the technical theatre atmosphere, students study text, lecture, and comprehensive analysis of technical areas in the preparation of a play. Course areas include: fundamentals of technical drawing, introduction to shop tools and safety processes, introduction to sound and lighting instruments, and basic theatre vocabulary. Stagecraft I is a project-based course which requires

theatre experiences in and outside of the class (I.E., attending theatrical performances, participating in theatre productions). Class size is limited due to safety concerns. **Stagecraft II** is an intermediate level course that builds upon technical skills learned in Stagecraft I. The class will apply previous and new skills and vocabulary to the creation of the theatrical production. Class time will focus on intermediate scaled set design and preparation, light design, prop design, and sound design. Students will provide the labor for all NLRHS productions. Students will be introduced to stage management, sound and light board operation, set carpentry, and backstage crew. Theatre experiences outside of class are required during the year (I.E., serving on a production crew, attending theatrical performances, participating in theatre productions). Class size is limited due to safety concerns. **Stagecraft III and IV** are for the serious technical theatre student. The courses concentrate on developing advanced skills in various stagecrafts including carpentry, property construction, the analysis and application of sound and electric design. Students will complete the design process through script analysis, research, developing production models, scale and elevational drawings. Students provide the leadership and backstage crews for ALL NLRHS productions. Theatre experiences outside of class are required during the year (I.E., serving on a production crew, attending theatrical performances, participating in theatre productions).

Theatre Appreciation – one semester Grades 9-12

This course is designed to provide the student with basic elements of the theatrical industry. Students will develop an understanding of the origins of theatre, study theatrical history from the beginning to modern age, study employment in the theatre industry and will develop a critical eye by observing theatrical performances. Students will create a critique of a performance they observe and will research various well-known playwrights and provide a paper with their finding. Students do not perform in front of an audience.

Dance Appreciation – one semester Grades 9-12

This course is designed to teach students the basic elements, principles, processes, and inherent qualities of dance. Students will examine a broad range of methods and will conduct critical analyses of the creative processes involved in dance. Students will reflect on the connections between society and dance. Dance Appreciation students will develop perceptual awareness and aesthetic sensitivity, as well as a foundation for a lifelong relationship with dance. Students will move in this class, but they will not perform in the dance concerts.

Theatre Dance Grades 9-12

Prerequisite: For upper levels, successful completion of previous course

In **Theatre Dance I** (open to grades 9-12), students will begin training in ballet, jazz and modern dance. Dance history, choreography, kinesiology and nutrition are also introduced. The course will activate an appreciation of dance aesthetics. Proper dance attire is required to participate in this class. This is a performance class and the students are required to perform in one public dance concert each semester. **Theatre Dance II** (open to grades 10-12) students will continue their training in ballet, jazz, and modern dance. In addition, student choreography projects will also be presented. Knowledge and understanding of dance history, kinesiology, principles of choreography, and nutrition are also enhanced. Proper dance attire is required to participate in this class. This is a performance class and the students are required to perform in one public dance concert each semester. In **Theatre Dance III** (open to grades 11 & 12), a central emphasis is the development of the movement skills required of dancers as performing artists. This entails regular training in ballet, modern, and jazz techniques. The course will cultivate an appreciation of dance aesthetics. Students will analyze and identify-major-dance-companies and choreographers. Dance history, composition and kinesiology are also studied. Students are

required to participate in two public performances per year. In addition, student choreography projects will also be presented. Proper dance attire is required.

Theatre Dance IV (grade 12 only) requires consistent, structured practice to refine dance techniques. The course also offers an in-depth examination of choreographic theory and analysis, with emphasis on the development of individual skills and styles. The goal of Theater Dance IV is to develop disciplined, versatile dance techniques, complemented and reinforced by a broad range of theoretical studies and performance opportunities. The course provides an atmosphere in which students are nurtured and stimulated in their quest for artistic achievement, technical mastery and scholarly excellence. This is a performance class and students are required to choreograph for and perform in one public concert each semester. Theatre Dance IV students host a dance workshop for local preschool and elementary students. In addition, student choreography projects will also be presented. Proper dance attire is required.

North Little Rock High School Dance Troupe

The Dance Troupe is open to all speech, drama and dance students at North Little Rock High School. Auditions are held at the beginning of the school year. The troupe is an extracurricular dance company. The dancers participate in dance workshops and perform in two dance concerts each year. Rehearsals are held before school, after school and on the weekends. Fundraisers are held each semester to defray costume and performance costs. If you have any questions, please contact Mrs. Pitts at pittsch@nlrsd.org or 501-975-3887.

Visual Arts

Visual Art Appreciation – one semester

Grades 9-12

This course is designed to develop perceptual awareness and aesthetic sensitivity, as well as set a foundation for a lifelong relationship with the arts. Students will learn the elements of art through art history; explore the basic processes, materials, and inherent qualities of visual art; examine a broad range of methods; and reflect on the connections between society and visual art.

Art I

Grades 9-12

Art I is a one semester introductory course designed to teach students to apply the elements of art and the principles of design. Students are expected to use a variety of media, techniques, processes, and tools to create original artwork that demonstrates understanding of aesthetic concerns and complex compositions. Students will create, critique, reflect, and make connections to art and society. Students will exhibit original artwork and develop portfolios that reflect their personal growth. Students may exempt Art I to move on to an upper level art class with a portfolio, previous art teacher recommendation and art instructor's approval.

Activity Fee

An activity fee of \$10 per semester will be requested for students who will be in the following classes: **Drawing I, Drawing II, Painting I, Painting II, Fundamentals of Advertisement Design (I), Intermediate Advertisement Design (II), Advanced Advertisement Design (III), Fundamentals of Photography (I), Intermediate Photography (II), and Intermediate Photography (III). Sculpture will have a \$25 fee to purchase clay.**

The activity fee will be used for consumable supplies students will use throughout the semester *such as paper, colored pencils, pastels, etc.* for the drawing and painting classes. Photography and Ad Design classes will use the fee for photography paper, camera batteries, memory cards, etc. Buying these items in bulk will be cheaper on the student (\$10) versus a \$35 list of supplies they will need to provide on their own. The activity fee will be due at the beginning of the semester. Any student who needs to arrange a payout will be able to do so. *If a student wants*

to work with supplies other than the basic ones included in the \$10 fee, those supplies will be an additional expense to the student.

Drawing I **Grades 9-12**

*Prerequisite: Art I **OR** Portfolio, previous art teacher recommendation and art instructor approval*
Drawing I is a one semester course designed to further teach students to apply the elements of art and the principles of design through drawing and mark making. Students will learn how to use different media, techniques, processes and tools to create original artwork. Students will create, critique, reflect works that express the student's personal voice.

Drawing II **Grades 10-12**

*Prerequisite: Art I and Drawing I **OR** portfolio, previous art teacher recommendation and art instructor approval*
Drawing II is a two semester course designed to further teach students to apply the elements of art and the principles of design through drawing and mark making. Students are expected to use a variety of media, techniques, processes, and tools to create original artwork that demonstrates understanding of aesthetic concerns and complex compositions. Students will create, critique, reflect, and make connections to art and society. Students will exhibit original artwork and develop portfolios that reflect their personal growth.

Painting **Grades 10-12**

*Prerequisite: Art I **OR** portfolio, previous teacher recommendation and art instructor approval*
Painting is a two semester course designed to teach students to apply the elements of art and the principles of design using paint. Students are expected to use a variety of media, techniques, processes, and tools to create original artwork that demonstrates understanding of aesthetic concerns and complex compositions. Students will create, critique, reflect, and make connections to art.

Sculpture **Grades 10-12**

*Prerequisite: Art I **OR** portfolio, previous teacher recommendation and art instructor approval*
Sculpture is a two semester course designed to teach students to apply the elements of art and the principles of design through 3-D media. Students are expected to use a variety of media, techniques, processes, and tools to create original artwork that demonstrates understanding of aesthetic concerns and complex compositions in 3-D form. Students will create, critique, reflect, and make connections to art and society. Students will exhibit original artwork and develop portfolios that reflect their personal growth.
Studio Fee: \$25 (to purchase clay and other sculptural materials).

Art IV/Advanced Art Lab (Senior Studio) **Grade 12**

Prerequisite: Audition Only
Art IV/Advanced Art Lab (Senior Studio) is a double blocked, two semester course for the serious art student who plans to pursue art in college and/or career. This is an intensive course to develop personal voice in their art portfolio for scholarship consideration. Students will apply the elements of art and the principles of design. They are expected to use a variety of media, techniques, processes, and tools to create original artwork that demonstrates understanding of aesthetic concerns and complex compositions. As students progress through this course, they will develop, expand, and increase their real life application of problem solving through artistic maturation. Students will create, critique, reflect, and make connections to art and society. Students will exhibit original artwork and develop portfolios that reflect their personal growth.

AP Studio Art – Drawing, 2D Design (including photography), 3D Design

Grades 11-12

*Prerequisite: Art I **OR** portfolio, previous teacher recommendation and art instructor approval*

The AP Studio Art class follows the curriculum developed by the College Board. The students will work toward preparation of a portfolio presentation exam in May. The portfolio should represent a personal body of work reflective of life experiences, not just classroom project related assignments. This fast paced class is geared toward the serious art student and allows for a detailed and defined development of skill, experimentation and expression.

FOREIGN LANGUAGE

Spanish I

Grades 9-11

This course is designed to improve reading, writing, speaking, and listening abilities in Spanish while examining and analyzing students' own and the Spanish culture and language. This course is intended to develop beginning language skills. Listening, speaking, writing, role-playing, and group activities are designed to instruct, reinforce, and connect language skills. This course includes applications, problem solving, higher-order thinking skills, and performance-based and project-based assessments.

Spanish II

Grades 10-12

Prerequisites: Successful completion of Spanish I

This course is designed to improve reading, writing, speaking, and listening abilities in Spanish while examining and analyzing students' own and the Spanish culture and language. This course is intended for students with beginning to intermediate language skills. Listening, speaking, writing, role-playing, and group activities are designed to instruct, reinforce, and connect language skills. This course includes applications, problem solving, higher-order thinking skills, and performance-based and project-based assessments.

Spanish III

Grades 11-12

Prerequisites: Successful completion of Spanish II

This course is designed to improve reading, writing, speaking, and listening abilities in Spanish while examining and analyzing students' own and the Spanish culture and language. This course is intended for students with intermediate language skills. Listening, speaking, writing, role-playing, and group activities are designed to instruct, reinforce, and connect language skills. This course includes applications, problem solving, higher-order thinking skills, and performance-based and project-based assessments.

AP Spanish

Grade 12

Prerequisites: Successful completion of Spanish III

This course is designed to improve reading, writing, speaking and listening abilities in Spanish while examining and analyzing students' own and the Spanish culture and language. This course is intended for students with high intermediate to advanced language skills. Listening, speaking, writing, role-playing, and group activities are designed to instruct, reinforce, and connect language skills. This course includes applications, problem solving, higher-order thinking skills, and performance-based and project-based assessments.

PHYSICAL EDUCATION & HEALTH

.5 Health and .5 PE required for graduation

Digital Health and Safety

Grades 9-12

Digital Health is a one semester course that consists of planned learning experiences which will assist students in achieving desirable understandings, attitudes, and practices related to critical health issues. Areas of study will be emotional health, personal fitness, alcohol/tobacco/drug use and abuse, communicable and degenerative diseases including those sexually transmitted and ways to choose medical and health services. Curriculum incorporates the use of technology to satisfy the state-required digital learning course.

Physical Education

Grades 9-12

Physical Education is a one semester course designed to develop an appreciation of the history, rules, strategies, and sportsmanship of selected team and individual sports. Cooperating activities and team sports will be volleyball, basketball and softball. Individual sports may include tennis, badminton, pickleball, aerobics, and bowling. Each activity will last two to four weeks and will be introduced with emphasis placed on the history, strategies, and rules. At the end of the activity, a written test will be administered. At the beginning of the semester each student will participate in physical conditioning ending with the AAPHERD Fitness Test or one of comparable value.

Physical Education (Year Long)

Grades 9-12

This year long Physical Education course expands on the content listed for the above course.

Recreational Education

Grades 9-12

Prerequisite: Semester of Physical Education

Recreational Sports and Activities is a one semester course which includes a planned curriculum to provide content and learning experiences in basic motor skills and movement concepts as they apply to physical activity, lifetime sports, and recreational activities.

SPEECH COMMUNICATIONS

.5 credit required for graduation

Oral Communication

Grades 9-12

This one semester course includes instruction on general communication theory as well as interpersonal communication, group discussion, listening, interviewing skills, and public speaking. It is designed to help students develop clear and logical expression of ideas, personal self-confidence, and conquering the fear of speaking in front of an audience and in a professional setting such as a job or school interview.

Forensics I, II, III, IV

Grades 9-12

Forensics I is open to any interested student. *Prerequisite: For upper levels, an audition with the Coach is required*

Forensics is an advanced competitive speech, acting, and interpretation team that travels throughout the state throughout the school year for qualifying tournaments, leading to the Tournament of Champions at year's end. **Forensics I** students will develop events including prose, poetry, oratory, improvisation, among others preparing for tournament and will receive training in basic communication skills, listening, verbal and nonverbal skills, and interpretation of literature. Students are required to compete in individual and group events at tournaments as well as contribute to our own tournament. There is an activity fee charged to participate on this squad. Students receive Oral Communication credit for this course. **Forensics II** students are required to compete in a minimum of three individual events and one group event per semester at overnight and local tournaments as well as contribute to our own tournament. There is an activity fee charged to participate on this squad. Squad members are expected to maintain a portfolio of their material which documents personal growth and attend morning rehearsals. **Forensics III** is a continuation of work surrounding the Forensics program format through a variety of public speaking situations. Students will develop three individual events for tournaments and will receive continued training in communication skills, listening, verbal and nonverbal skills, interpretation of literature, research skills, and peer evaluation. There is an activity fee charged to be a member of this squad. Squad members are expected to maintain a portfolio of their material which documents personal growth and attend morning rehearsals. **Forensics IV** is a continuation of work surrounding the Forensics program format through a variety of public speaking situations and focuses heavily on theatrical direction and providing strong feedback and critique to squad members. Students will learn the directorial process and will be expected to direct one group event for tournaments and will receive training in directorial choices, communication skills, listening, verbal and non-verbal skills, interpretation of literature, research skills, and peer evaluation. There is an activity fee charged to be a member of this squad. Squad members are expected to maintain a portfolio of their material which documents personal growth and attend/facilitate morning rehearsals.

Debate I, II, III, IV **Grades 9-12**

Prerequisite: Upper levels require successful completion of previous level

Debate I integrates Oral Communication frameworks in a more intensified study and application of communication theory and skills. The study and practice of theories and strategies in argumentation is the focus. Students prepare and compete in speech and debate tournaments throughout the school year. Evaluation is based upon demonstrated effort, desire to improve, effective preparation, and performance in practice and competition. Students must possess self-motivation, self-discipline, and a willingness to develop research skills. Students disinterested or unable to compete in tournaments should not enroll. Students of debate will be introduced to Team Policy Debate, Team Public Forum Debate, International Public Debate, Lincoln-Douglas Debate, Student Congress, and a few other competitive speaking events. Students must attend at least 2 tournaments per year.

Debate II is an extension of Debate I. Students will expand their studies of all forms of debate, Extemporaneous Speaking, Student Congress, and argumentation. Students will focus upon more advanced case formats and more effective presentational styles. Students must attend at least 2 tournaments per year. Students in **Debate III & IV** will develop skills in critical thinking, public speaking, argumentation, reflective writing, persuasive essays, speeches, and structured debates. Some basic introductory philosophers will be introduced into the debating process. This course focuses on the principles and practices of effective communication in all speaking situations that students encounter in school and later in life as adults. After completing this course, students will be prepared to participate in various forms of competitive debate and through debate preparation and class debates, the students will develop critical and analytical thinking skills, research skills, speech-writing skills, note taking skills, and skills for effective argumentation and persuasion. Tournament competition is required for this course and students must attend at least 3 tournaments per year.

Concurrent Public Speaking
Grade 11-12

WORKFORCE EDUCATION PROGRAMS **ARTS, AUDIO/VISUAL, & COMMUNICATIONS**

Advertising Design

Fundamentals of Advertising Design I

Grades 10-12

This core introductory program provides practical knowledge and skill of design and illustration. Students will learn introductory knowledge of design software such as Photoshop, InDesign, and Illustrator to create a variety of print projects. Students will also learn skills in preparation for a career in graphic design.

Intermediate Advertising Design II

Grades 11-12

Prerequisite: Successful completion of Advertising Design I with a "C" or above

This course focuses on more advanced projects using Photoshop, Illustrator, InDesign, and will introduce webpage design and animation. Students will learn business processes that are practiced in the field of graphic design.

Advanced Advertising Design III

Grade 12

Prerequisite: Successful completion of Advertising Design II and instructor approval

This course is designed for students who are serious about a possible career path in advertising design. Students will work cooperatively with Advanced Photography III students to complete jobs for both the school and the community. This course offers real-world career experience in using the graphic design process to fulfill the needs of clients.

Business Education

Computer Business Applications

Grades 9-12

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

Students will also be given the opportunity to earn important Microsoft Office Certification. **Did you know that you can earn college credit by passing a Microsoft Certification Exam?** American Council on Education (ACE) has worked to have some of the exams and certifications recognized by universities and higher education institutions for college credit. Microsoft Office is one of the most widely used suites of productivity tools in the business world. In fact, it's so essential that understanding it is a prerequisite to obtaining employment at some companies. Given its prevalence in the corporate world, becoming Microsoft Office certified is one way students can stand out from the crowd and prove their level of proficiency. According to a Microsoft report, a Microsoft Office certification can earn an entry-level business employee as much as **\$16,000 MORE** in annual salary than uncertified peers.

Computerized Accounting I

Grades 10-12

Prerequisite: Computer Business Applications

This two-semester course emphasizes basic accounting principles as they relate to both manual and computerized financial systems. Instruction is on an integrated basis using computers, a software package for computerized accounting and calculators as the relationships and processes of manual and computerized accounting are presented. Entry level skills in accounting occupations can be attained. According to the U.S. Bureau of Labor Statistics (BLS) in 2017, the median annual salary for these types of skills, including bookkeeping, accounting, auditing clerks, and computer accounting specialists was **\$37,250**.

Computerized Accounting II

Grades 11-12

Prerequisite: Computer Business Applications and Computerized Accounting I

A background in accounting is highly valued by employers. This is a two semester course designed to provide students with the additional knowledge, understanding and skill necessary for successful careers in accounting and college majors in accounting to earn their CPA certification. Partnership as well as departmental, corporate, and cost accounting systems are components of the course. Emphasis is given to the computerized/automated functions in accounting.

Business Management

Grades 10-12

Prerequisite: Computerized Business Applications

This is a course of study focusing on business ownership, organization, management and finance. It incorporates an overview of various economic applications with an emphasis on technology in the business world. Students are exposed to legal, ethical and social obligations of business. Units include savings and investments, taxes and governments and formulating a business plan. It is a very good class for students who want to learn about going into business for themselves in the future.

Computer Science

Computer Science Programming & Coding I/II

Grades 9-12

Prerequisite: None

Incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. Computer Science Principles helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cyber-security, and simulation.

EAST Initiative

EAST Initiative I – IV

Grades 9-12

EAST Initiative (*Education Accelerated by Service and Technology*) engages students in a project based approach to problem solving while using technology. After learning to use the hardware and software contained in the EAST Initiative classroom, students will collaborate with people both inside and outside of the EAST Initiative classroom and experts in their field of study to create solutions to “real world” issues or problems. Those may involve students not only in

mapping and surveying GPA (global positioning systems) and GIS (geographic information systems) but 3D printing, Adobe CC, Art and Animation applications, ArchiCAD, Autodesk Suite, Digital photo/video editing, ESRI ArcGIS Pro, Oculus Rift Virtual Reality creation and design, Photography/Videography, SketchUp, Unity programming, Web design. Students may also earn certification in Adobe, Autodesk, Microsoft IT and Microsoft Office which offer students the opportunity to earn a cord for graduation. EAST Initiative course counts as one unit of credit toward completer status in any of the career and technical areas of study. Credit may be granted for additional years of EAST Initiative.

Family and Consumer Science

Family and Consumer Science (FACS)

Grades 9-12

The core course for FACS is Family and Consumer Sciences. This course is designed to provide students with the basic information and skills needed to function effectively within the family and within a changing, complex society. It is a comprehensive course that includes laboratory and non-laboratory experiences that are provided in the following areas of instruction: child development, consumer education, foods and nutrition, housing, home furnishing and equipment, personal and family relations, textiles and clothing and orientation to FCCLA. Supplies such as patterns and fabrics required for the textile and clothing unit are expected to be furnished by the student.

Child Development/Parenting

Grades 10-12

This course focuses on skills needed to guide the physical, intellectual, emotional, and social development of children. Experiences are designed to assist students in developing an understanding of the parenting process and of parenting skills. Competencies developed in this course will be useful to anyone who lives with, associates with, or works with children.

Family Dynamics – one semester

Grades 10-12

This course focuses on the role of the family in helping individuals develop to their highest potential, in strengthening the community, and in addressing concerns of a global society.

Food Safety & Nutrition

Grades 10-12

This course focuses on the development of essential food safety practices needed to select, receive, store, prepare, and serve food as well as the skills needed to select food which meets nutritional needs of individuals and families. Students will learn to create and implement an environment of food safety procedures based on the latest FDA Food Code and local regulations. Emphasis is given to the development of competencies related to nutrition, weight control, the food consumer, and the effect of technology on food and nutrition. Skills learned are applicable to the **Arkansas Safe Food Handler Certification** as well as the **National Restaurant Association, ServSafe Certification**. Nutrition focuses on developing the skills to select, prepare, and serve food that meets the nutritional needs of individuals and families. Students will apply sound nutritional practices that will have a positive effect on overall health.

Food Production, Management, & Services and Lab (year long)

Grades 11-12

Prerequisite: Application, Teacher Approval

In this double blocked program, emphasis is given to the development of competencies related to employability; technology in food production, management, and services; sanitation and safety; nutrition as related to food service; serving of food; purchasing, receiving, and storing

food supplies; production and management of food; use, care, and storage of large and small commercial food service equipment; menu planning; and modified diets.

Housing and Interior Design – one semester

Grades 10-12

This course focuses on personal and family housing needs, options for meeting those needs, preparing students to make wise decisions in obtaining and maintaining a home. Students will explore the principles of design as applied to housing, as well as the many careers available in housing and design.

Personal Finance – one semester

Grades 11-12

This course is designed to increase financial literacy and to prepare students to successfully manage financial resources. This course also focuses on the individual's role and financial responsibilities as a student, citizen, consumer, and active participant in the business world. Emphasis is also placed on activities and competitions within career and technical student organizations. Students can receive the Financial Literacy WISE Certification in this course.

Nutrition and Wellness-one semester

Grades 10-12

This course focuses on nutrition and fitness habits for making wise decisions regarding healthy living and prevention of disease through these practices. Students will develop higher order thinking skills and academic skills in the areas of math, science, language arts and social studies through the evaluation of relevant nutrition and wellness information. This course has an exercise requirement and is recommended for all students regardless of their career cluster or path.

Leadership & Service Learning

Grades 11-12

Prerequisite: Application, Teacher Approval

This course emphasizes the importance of leadership skills, volunteerism, and professionalism in the development of personal qualities. It focuses on the benefits of community service, leadership roles, and civic responsibilities. Current technology is used to enhance communication skills and promote professionalism.

Junior Reserve Officers Training Course

Army JROTC I, II, III, IV

Grades 9-12

Prerequisite: For upper levels, the previous year course

Army JROTC I covers a broad spectrum of subjects including Foundation of Army JROTC, foundations for success, service, learning, technology awareness, studying effectively, test taking, developing winning habits, job interviewing, goal setting, leadership skills, planning, speaking and writing effectively, and fitness. Students completing this course shall be eligible to receive the required .5 unit of Physical Education credit for graduation. **Army JROTC II** is the second year course that continues to build on the subjects taught during the first year of JROTC and places emphasis on how our government works, the Constitution, and leadership skills such as motivating others, making decisions, social responsibility, and conflict resolution. Students will also work as a team member, learn how to lead, problem solve, learn management skills, and motivation. Lessons in wellness, fitness, and first aid will give students participating in and completing this course the eligibility to receive the required .5 unit of Health credit for graduation. Students in **Army JROTC III** assume command and leadership roles, assisting students new to JROTC. They serve as assistant instructors during leadership lab, focus on leadership situations, foundations for success, conflict resolution, financial planning, fitness,

the Federal judicial system, environmental awareness and exploring the world. Focus in the **Army JROTC IV** class is on the practical applications of the student's leadership duties and responsibilities within the cadet battalion. Therefore, the year will be structured to allow students to perform their assigned command or staff duties, act as class instructors for subjects such as first aid, map reading, etc. Academic instruction includes suggested reading, seminars, vignettes and case study, college/career planning skills, and community service.

Photography

Fundamentals of Photography I

Grades 10-11

Prerequisite: Completion of Photography Program Application

This core introductory program is designed to provide practical knowledge and skill in preparation for a career in photography, including manual functions of the digital camera, composition, and development of ideas. It is suggested, but not required, that students use their own manual digital camera, battery, and memory card.

Intermediate Photography II

Grades 11-12

Prerequisite: Successful completion of Fundamentals of Photography I with a "C" or above

This course of study will provide students with fine-tuned knowledge and skills in photography and photo editing. Students will create and maintain a work portfolio, enter in competitions, and build a professional website for themselves. It is highly recommended for students to have their own manual digital camera, battery, and memory card but not required.

Advanced Photography III

Grade 12

Prerequisite: Successful completion of Intermediate Photography II and instructor approval

This course is designed for students who are serious about a possible career path in digital photography. Students will work cooperatively with Advanced Advertising Design III students to complete jobs for both the school and the community. This course offers real-world career experience in working with clients and peers.

Television

Fundamentals of TV

Grades 10-11

This production-based core program is designed to provide the serious television student with practical knowledge and advanced skill levels for a career in television production. Students will create videos, learn editing and filming techniques, study broadcast history and TV regulations, and much more,

Intermediate TV

Grades 11-12

Prerequisites: Proficient passing grade in Fundamentals of TV, as well as a written application and an invitation from the instructor, after showing the work ethic required for the position(s)

This collaborative production-based program is designed to provide the serious television student with practical knowledge and advanced skill levels for a career in television production. Students are responsible for creating a daily TV news show, as well as features, interviews and any other supporting program. They are also responsible for videotaping different school events and competitions.

Army JROTC II
Army JROTC III
Army JROTC IV
Television Television I
Television II
One other remaining Television credit

Electives: full year or 2 semester courses to equal one year

JOBS FOR ARKANSAS GRADUATES

JAG I, II

Grades 11-12

Prerequisite: Completed application, a job, and instructor approval

Jobs for Arkansas Graduates (**JAG**) is a program preparing students for workplace success. This course involves classroom instruction and cooperative training on a job site as a wage earner. Students must have reliable transportation to leave campus during lab periods and will be required to show pay stubs to verify weekly work hours. Students must actively participate in an approved community service project each quarter. **JAG II** is for senior students. The course involves advanced methods in job finding techniques, attitude development, career planning, occupational guidance, functional living instruction, and supervised work or training experience on an approved wage earning job site. Students must have reliable transportation to leave campus during lab periods and will be required to show pay stubs to verify weekly work hours. Students must actively participate in an approved community service project each quarter.

JAG Apprenticeship/Work-based Learning (Lab)

Grades 11-12

Prerequisite: Enrollment in JAG

JAG lab is the work experience part of the JAG program. Students must work an average of 15 hours per week in an approved training station. Can be double or single blocked. Pay stubs must be provided to the teacher for verification of work hours.

METROPOLITAN CAREER-TECHNICAL CENTER CLASSES

Classes in selected programs at Metropolitan Career-Technical Center are available to juniors and seniors during the last three periods of the school day. A travel period is also included in student schedules so students must be in good standing with credits. Enrollment is limited so complete an application if interested.

All students attending Metro must ride the district bus which leaves our campus after the first lunch shift. The return bus arrives back at NLRHS at approximately 4:15. There is an application process. Most courses require fees for the purchase of classroom supplies and materials.

Auto Service Technology I & II
Collision Repair I & II
Culinary Arts I & II
Graphic Communications
Criminal Justice

Pulaski Technical College

Tuition and textbooks are provided by the North Little Rock School District so students must remain in the course for the whole semester. Classes meet Monday through Thursday and last until approximately 4:15. Bus transportation is available. Credit earned can be applied to both college and high school transcripts.

Basic Welding

Grades 11-12

This course is an introduction to basic welding skills. The study covers arc and gas welding in the flat position and provides practice in stick, mig, brazing and cutting. Correct and safe handling of welding equipment and gasses is emphasized.

College Credit for High School Courses

Students may take high school courses and receive credit at the college level as well as the college level in some instances.

Articulated Courses

The District has agreements with area colleges to allow students to receive college credit for successful completion of certain approved high school courses. College credit will only be granted upon enrollment at the designated college and completion of a semester of college work in the designated area of study. This program allows students to progress to post-secondary training without duplication of courses; thus saving time, effort, and expense. Contact your counselor for additional information. Agreements have been written between North Little Rock High School and the following post-secondary institutions.

North Little Rock/College Articulated Courses		
Credit	North Little Rock School District Course	U of A -Pulaski Technical College Course
	Army JROTC I,II,III,IV	3 hours elective for each JROTC course
	Basic Welding I 3	WLD 1104 Basic Welding I
	Basic Welding II 3	WLD 1404 Basic Welding II
	Computerized Business Applications 3	CIS 1103 Computer Concepts
	Computerized Accounting I 3	BUS 1123 Accounting Fundamentals
	MOS Certification – Microsoft Word 3	BUS 1513 Intro to Word Processing/Microsoft Word
Word	3	BUS 2413 Advanced Word Processing/Microsoft
	MOS Certification-Microsoft Excel 3	BUS 2393 Spreadsheet Applications/EXCEL
	3	BUS 2443 Advanced EXCEL
	MOS Certification-PowerPoint 3	BUS 2363 PowerPoint
	MOS (any area) 3	BUS 2443 MOS Preparation
	Medical Terminology 3	Met 1103 Medical Terminology I

Theatre I and II
3
Theatre III and IV
3
Stagecraft I and II
3
Costume/Makeup I and II
3

Art I and II
3
Art III and AP Studio Art
3
Vocal Music I and II
3
Vocal Music III and IV
3

TV Broadcasting I and II
3

Pharmacy Technician I
2
Pharmacy Technician II
3

4

3

3

Student must obtain a grade of "A" or "B" and the secondary instructor's recommendation to receive college credit.

THEA 2300 Introduction to Theatre

THEA 1320 Acting I

THEA 2320 Stagecraft/Lighting

THEA 2320 Stagecraft/Lighting

ARTS 2300

ARTS 1310 Drawing I

PMUS 1210 Choir I

PMUS 1211 Choir II

MCOM 2330 Mass Media in Society

ASU Beebe Courses

PHT 1002 Pharmacy Law-State and Federal

PHT 1003 Pharmacy Medical/Drug Terminology

PHT 1004 Pharmacology

PHT 1013 Pharmacy Math

PHT 1103 Pharmacy Fundamentals

COMMUNITY SERVICE LEARNING

Peer Leadership I

Grades 11-12

Prerequisite: Application process

This full year elective course includes units on character education, human growth and development, conflict resolution and prevention of self-defeating behaviors (alcohol/drug abuse, eating disorders, suicide, etc.) and students will be trained in communication, group leadership, decision-making and problem solving. Students are expected to perform cross age and other community service activities as part of the curriculum. Students will serve as role models for pre-school and elementary children.

Leadership Renaissance

Grades 10-12

Application and teacher recommendation is required.

This course will emphasize the importance of volunteerism, professionalism, leadership skills, and civic responsibility. Course projects and activities will emphasize promotion of a positive school culture for both students and staff. Cannot be enrolled in both Peer Leadership I and Leadership Renaissance.

Local Credit Only/Activity Credit

Four local credits are available due to NLR graduation requirements exceeding the State minimum. Students may take up to one Local Credit/Activity Credit per year in grades 9 – 12.

Peer Leadership II

Grade 12

Prerequisite: Successful completion of Peer Leadership I, 2.5 GPA

This full year elective course expands the content presented in Peer Leadership I.

Students will serve as role models for elementary children and as a mentor to a preschool child. In addition, students will present original productions on character education and health issues to schools and civic organizations.

Seminar

Grade 9

Seminar is an interdisciplinary course based on advanced concepts in language arts and mathematics. The course targets ninth grade students, and places an emphasis on preparation for high stake exams and enrichment for managing advanced coursework. The four core process goals addressed in Seminar are critical thinking, creative thinking, independent and group investigations, and personal growth.

Transitions I

Grades 11-12

Parental consent form required and returned before enrollment

Transition I is an elective course credit for 11th or 12th grade students who receive special services under an IEP. Transition I focuses on understanding self-advocacy and life skills.

Transitions II

Grade 12

Parental consent form required and returned before enrollment

Transitions II is an elective course for students in 12th grade who receive special services under an IEP. Students will focus on job applications and job training or placement. An emphasis is put on career exploration and future planning for after high school.

Spirit Groups

Grades 9-12

Prerequisite: Athletic physical & parental consent form on file prior to tryout

Students scheduled into this practice period for Spirit Groups will have been selected through a competitive try out process. Students will have met the eligibility requirements as described on the **General Scheduling Information** page as well as the **Spirit Group Handbook**. Spirit Group members will select six academic courses plus one period of Spirit Group.

Cheerleading Dance Team

ACT Prep Course – one semester

Grades 11-12

Prerequisite: Plans to attend college

This college admissions test prep course is designed to improve scores in English, reading, math, and science on the ACT. Students will learn test taking and time management skills that may benefit them on the actual test. One goal is to enable students to score a 19 in English, reading, and math to avoid remedial courses in college. A second goal is to increase scores to scholarship level performance. Seniors recommended for the first semester session.

Introduction to Yoga-one semester

Grades 11-12

Introduction to Yoga is a semester class to teach students the basics of yoga. The course focuses on teaching students the breathing and physical postures of yoga. Modifications are available for different levels of strength and flexibility. Practicing yoga is a positive way to deal with stress and anxiety, as well as increase mental focus. Additionally, the increased flexibility gained through yoga can help prevent physical injuries.

Athletics

Prerequisite: Athletic physical & parental consent form on file prior to tryout/practice

Students scheduled into athletic practice periods must have permission of the coach and meet eligibility requirements as described on the **General Scheduling Information** page. Student athletes will select six academic courses plus one period of athletics. During the off season, Physical Education credit may be awarded if the State standards for Physical Education are included in instruction. Those participating in only spring semester sports should consider selecting courses easily changed at semester, especially off-season for baseball, softball, and soccer. PE credit may be awarded if the State standards for PE are included in instruction.

Boys:

Football
Basketball
Track
Soccer
Baseball
Cross Country
Golf

Girls:

Volleyball
Basketball
Track
Soccer
Softball
Cross Country
Golf

Tennis

Tennis

CREDIT RECOVERY/ DISTANCE LEARNING

NLRHS uses the APEX credit recovery program for students who have failed high school courses and for some electives. Students MUST be enrolled in a credit recovery period. Since APEX is internet based, lessons and quizzes may be accessed off-campus. Courses available through credit recovery are:

English 9, English 10, English 11, English 12
Algebra I, Geometry, Bridge to Algebra II,
Algebra II
Physical Science, Biology, Environmental
Science, Earth Science, Chemistry, Physics
US Government, Economics, World History,
American History, World Geography, Sociology,
Multicultural Studies
Spanish I, Spanish II
Art Appreciation, Music Appreciation, Health
Business Applications, Information Technology
Applications

GIFTED AND TALENTED

Identified gifted and talented students in the secondary schools must enroll in advanced level classes such as Pre-AP/Honors, Advanced Placement (AP) or International Baccalaureate (IB). These classes will require a definite commitment from the student. The content is more rigorous and expectations are above and beyond traditional classes. Students may also be asked to complete assignments over the summer break.

Teachers for these classes are trained to understand the gifted individual and work with the gifted facilitators to meet the needs of each student. The District Coordinator for Gifted Programs, the campus GT Facilitators, and the school counselors will work with students and parents to make appropriate placement.

ENGLISH LANGUAGE LEARNER (ELL) PROGRAM

ELL classes are available for students who are using English as a second language. Instruction

is given in English with support from ELL teachers. Please contact Maria Touchstone for additional information on this program at 771-8046. Placement of ELL students is based on assessment of English Language level.

SPECIAL EDUCATION

Courses taught by special education teachers are designed to meet the unique learning needs of students with disabilities. A committee composed of parents, teachers, and other school personnel involved with the student, along with the student, if appropriate, develop an Individualized Education Plan (IEP) for the student. This IEP, reviewed at least once annually, describes in detail short range objectives and long term goals for each special education class. The special education program consists of the following classes:

- Self-Contained classes meet the educational, social, and vocational needs of students with extremely limited academic skills.
- Resource classes emphasize practical application of skills and content for students who are not able to succeed in the regular classroom. Courses offered are: English 9-12; Algebra I A & B, Geometry A & B; Physical Science, Biology, Environmental Science; Civics/Econ, World History, American History
- Inclusion classes provide some direct specialized instruction and implementation of modifications by a special education teacher within the regular classroom. Courses offered are: English 9-12; Algebra I A & B, Geometry A & B; Biology; Read 180
- Vocational classes provide hands-on workplace simulations, as well as life skills and attitudes needed to get and maintain employment. Skills for independent living are also emphasized.
- Indirect service provides minimal or no direct specialized instruction of students with disabilities being mainstreamed into all regular classes. A special teacher monitors grades of the students and helps the regular teacher's implementation of modifications.
- Related services include speech therapy, occupational therapy, physical therapy,

hearing consultant services, and vision consultant services.

NCAA CLEARINGHOUSE DIVISION I ACADEMIC REQUIREMENTS

It is the responsibility of the student-athlete to initiate the application process for the NCAA Clearinghouse. While students may apply in the sophomore year, because of fee waiver opportunities related to the ACT, they are encouraged to apply by the end of the junior year. The Clearinghouse requires a 6 semester transcript at the end of the junior year to help them determine status.

Division I

College bound student athletes first entering an NCAA Division I college or university will need to meet the 16 Core-Course Requirement in order to receive athletics aid (scholarship), practice or compete during their first year.

What are the New Division I Requirements?

Full Qualifier	Academic Redshirt	Nonqualifier
Complete 16 Core Courses:	Complete 16 Core Courses	Does not meet requirements for

the 16 core courses must be complete before the seventh semester (senior year) of high school		Full Qualifier or Academic Redshirt status
the 10 core courses must be in English, Math or Science		
Minimum Core Course GPA of 2.300	Minimum Core Course GPA of 2.000	
Meet the sliding scale requirement of GPA and ACT/SAT score	Meet the sliding scale requirement of GPA and ACT/SAT score	
Graduate from high school	Graduate from high school	

Full Qualifier – A college bound student athlete may receive athletics aid (scholarship), practice and compete in the first year of enrollment at the Division I college or university.

Academic Redshirt – A college bound student athlete may receive athletics aid (scholarship) in the first year of enrollment and may practice in the first regular academic term (semester or quarter) but may NOT compete in the first year of enrollment. After the first term is complete, the college bound student athlete must be academically successful at his/her college or university to continue to practice for the rest of the year.

Nonqualifier – A college bound student athlete cannot receive athletics aid (scholarship), cannot practice and cannot compete in the first year of enrollment