

# Fayetteville Public Schools

## CAREER AND ACADEMIC PLANNING GUIDE

GRADES 8 - 12



GRAPHIC DESIGN PROVIDED BY 5 STAR SPORTS



Dear Parents and Students,

Students entering junior high and high school make important decisions about their future. In today's highly competitive and increasingly global economy, it is imperative that every student be equipped with the competencies needed to participate fully in a knowledge-based, technologically rich and culturally diverse society. A high quality, rigorous and relevant education is the springboard to a successful and rewarding future. By planning ahead for life's choices, a solid foundation is built. Therefore, students are strongly encouraged to take the choices they make regarding planning for high school very seriously. All students should choose coursework that will prepare them to reach their individual post-secondary goals as well as to stretch their learning through advanced placement courses or working toward certification in a career education program of study.

I also strongly encourage you to be an active participant in the junior high and high school experience. There is a myriad of clubs, organizations and extracurricular activities that help build relationships, foster team work and provide outstanding leadership opportunities. Get involved.

Students and parents/guardians alike must realize that the high school transcript is the official record of every course taken in high school and it will follow the student throughout their adult life. Plan carefully.

Please become familiar with the information guide and utilize it to make the most of your high school years. Your counselors and advisors are eager to assist you in planning for a great junior high and high school experience that will prepare you for college or a career.

Best wishes for a wonderful junior high and high school experience.

Sincerely,

A handwritten signature in cursive script that reads "Vicki Thomas".

Vicki Thomas  
Superintendent

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# CAREER AND ACADEMIC PLANNING GUIDE

## This guide contains information for grades 8-12

This Career and Academic Planning (CAP) guide is designed to help parents and students make informed choices when looking at courses each year. Graduation requirements are an essential part of the decision making process. See Appendix A, B, and C for details. Please look over the requirements very carefully as you plan for next school year.

### CONTACT NUMBERS FOR RAMAY AND WOODLAND JUNIOR HIGHS

<b>RAMAY JR High</b>	<b>401 S. Sang Avenue, 72701</b>	
<b>Directory of Services</b>	<b>all extensions can be reached through</b>	<b>(479) 444-3064</b>
FAX:		(479) 444-3013
Matt Saferite	Principal	(479) 445-1107
Warren Fyfe	Assistant Principal	(479) 445-1094
Counseling office		(479) 445-1091
<b>WOODLAND JR High</b>	<b>1 E. Poplar Street, 72703</b>	
<b>Directory of Services</b>	<b>all extensions can be reached through</b>	<b>(479) 444-3067</b>
FAX:		(479) 444-3039
Anita Lawson	Principal	(479) 445-1288
Allison Houston	Assistant Principal	(479) 445-1250
Counseling office		(479) 445-1264

### CONTACT NUMBERS FOR FAYETTEVILLE HIGH SCHOOL

<b>Fayetteville High School</b>	<b>1001 W. Stone Street, 72701</b>	
<b>Directory of Services:</b>	<b>All extensions can be reached through</b>	<b>(479) 444-3050</b>
FHS Fax		(479) 444-3056
Steve Jacoby	Principal	(479) 445-1160
Evelyn Marbury	SLC Project Director/Asst Principal	(479) 445-1162
David F. Young	Assistant Principal	(479) 445-1163
Byron Zeagler	Assistant Principal	(479) 445-1164
Denise Hoy-Whitfield	Assistant Principal	(479) 445-1183
Bobby Smith	Assistant Principal	(479) 445-1170
Jon Gheen	Assistant Principal – ALLPS	(479) 445-1228
Martha Thornton	Administrative Assistant	(479) 445-1160
Janet Stevens	Financial Officer	(479) 445-1179
Julie Domer	Registrar	(479) 445-1176
Diana Bonilla	Interpreter	(479) 445-1167
Routh Ann Yarbrough	Administrative Assistant (Counselors)	(479) 445-1166
Doug Wright	Counselor (A-Em)	(479) 445-1178
Dawn Norman	Counselor (En-K)	(479) 445-1173
Lesli Zeagler	Counselor (L-Ros)	(479) 445-1180
Tina Bulla	Counselor (Rot-Z)	(479) 445-1187
Debbie Griffin	Counselor – ALLPS	(479) 445-1229
DeAnna Medlock	Special Education Designee	(479) 445-1184
Sharon Teague	Registrar – ALLPS	(479) 445-1230

# 8<sup>th</sup> GRADE COURSE SELECTIONS

Courses listed in alphabetical order

Graduation requirements are an essential part of the decision making process. Some courses can be taken in 8<sup>th</sup> grade that will meet graduation requirements. Please view 2016 and Beyond Graduation Requirements below very carefully as you plan for next school year.

8<sup>th</sup> grade students must take seven (7) classes. Of the seven (7), one (1) must be English, one (1) must be math, one (1) must be science, one (1) must be social studies, one(1) must be Career Orientation and Computer Applications, and two (2) electives.

## Class of 2016 and Beyond Graduation Requirements

Any student enrolled in Fayetteville School District may receive a diploma after completing the following requirements:

CORE	SMART CORE	FAYETTEVILLE HONORS GRADUATION *
*A two-year algebra equivalent or a two-year geometry equivalent may each be counted as two credits of the four (4) credit requirements under <b>Core Diploma requirements.</b>		<b>*See Appendix C for a list of qualifying honor courses</b>
<b>English – 4 credits</b>	<b>English – 4 credits</b>	<b>English – 4 credits</b>
<b>Math – 4 credits</b> Algebra I or Algebra A/B (grades 7-8 or 8-9) Geometry, Geometry A/B (Grades 8-9 or 9-10), Other math credits must build on the base of algebra and geometry knowledge & skills	<b>Math – 4 credits</b> Algebra I or Algebra A/B (Grades 7-8 or 8-9) Geometry, Geometry AB (Grades 8-9 or 9-10), Algebra II, 4 <sup>th</sup> math beyond Algebra II	<b>Math – 4 credits – Algebra I, Geometry, Algebra II, and 4<sup>th</sup> math beyond Algebra II</b>
<b>Science – 3 credits</b> 1 credit of Biology, 1 credit chosen from a physical science, 1 credit of elective science	<b>Science – 3 credits</b> 1 credit of Biology, 2 credits chosen from Physical Science, Chemistry or Physics	<b>Science – 3 credits,</b> 1 credit of Biology and 2 credits from Physical Science, Chemistry or Physics
<b>Social Studies – 3 credits</b> American History <b>and</b> World History <b>and</b> ½ credit of Civics <b>and</b> ½ credit of Economics	<b>Social Studies – 3 credits</b> American History <b>and</b> World History <b>and</b> ½ credit of Civics <b>and</b> ½ credit of Economics	<b>Social Studies – 3 credits– 1 credit of American History, 1 credit of World History, ½ credit of Civics and ½ credit of Economics</b>
<b>Physical Education - ½ credit of PE</b>	<b>Physical Education – ½ credit of PE</b>	<b>Physical Education – ½ credit PE</b>
<b>Health – ½ credit</b>	<b>Health – ½ credit</b>	<b>Health – ½ credit</b>
<b>Fine Arts – ½ credit</b> Art, music, fine arts drama	<b>Fine Arts – ½ credit</b> Art, music, fine arts drama)	<b>Fine Arts – ½ credit (art, music, fine arts drama)</b>
<b>Oral Communications – ½ credit</b>	<b>Oral Communications – ½ credit</b>	<b>Oral Communications – ½ credit</b>
<b>Career Focus Area – 6 credits</b>	<b>Career Focus Area – 6 credits</b>	<b>Career Focus Area – 6 credits</b>
<b>FHS Additional Career Focus Area = 2 credits</b>	<b>FHS Additional Career Focus Area = 2 credits</b>	<b>World Language – 2 credits from same world language</b>
<b>Total – 24 Credits</b>	<b>Total – 24 Credits</b>	<b>Total – 24 Credits</b>

- **Honors Graduate** - students must achieve a 3.5 GPA by the end of the 7<sup>th</sup> semester, and meet the Honors Graduate requirements with 8 credits completed from the qualifying courses listed below. Students must also complete two (2) years of the same world language.
- **High Honors Graduate** - students must achieve a 3.75 GPA, by the end of the 7<sup>th</sup> semester, and meet the Honors Graduate requirements with 10 Credits completed from the qualifying courses listed below. Students must also complete three (3) years of the same world language and five (5) credits of math.
- **Distinguished Honors Graduate** - students must achieve a 4.0 GPA, by the end of the 7<sup>th</sup> semester, and meet the Honors Graduate requirements with 12 credits completed from the qualifying courses listed below. Students must also complete three (3) years of the same world language and five (5) credits of math.

\*See Appendix B for a list of qualifying honor courses.

## **ART**

### **388510 Visual Art (8) 1 Year**

*Note: There is a \$15.00 art fee to cover student consumable supplies.*

This course helps students to inquire, explore, and discover historical, cultural, social, environmental, and personal reference from which to develop concepts and ideas. Students will use their creativity in a wide variety of media, techniques, processes, and tools to develop original works of art using the elements of art and principles of design.

## **ATHLETICS**

Enrollment in any athletics program requires coaches' approval. Approval is based on academic record and behavior displayed in school. Arkansas Activities Association (AAA) eligibility requirements must also be met. All equipment is provided except shoes. A doctor's physical examination is required.

The athletics program at the junior high school level is designed to accomplish many things, such as: building confidence, developing skills, promoting teamwork, providing physical development, promoting sportsmanship, promoting school spirit, teaching discipline, and teaching responsibility.

<b>999813</b>	<b>Basketball</b>	<b>Team Basketball – boys</b>	<b>1 Year</b>
<b>999815</b>	<b>Basketball</b>	<b>Team Basketball – girls</b>	<b>1 Year</b>
<b>999850</b>	<b>Cheer</b>	<b>Team Cheer</b>	<b>1 Year</b>
<b>999821</b>	<b>Cross Country</b>	<b>Team Cross Country</b>	<b>1 Year</b>
<b>999851</b>	<b>Dance</b>	<b>Team Dance</b>	<b>1 Year</b>
<b>999811</b>	<b>Football</b>	<b>Team Football</b>	<b>1 Year</b>
<b>999817</b>	<b>Track</b>	<b>Team Track</b>	<b>1 Year</b>
<b>999823</b>	<b>Volleyball</b>	<b>Team Volleyball</b>	<b>1 Year</b>

## **AVID**

### **99999V AVID – 1 Year - Woodland Only**

*Note: A recommendation, application, and interview are required. Students must be accepted into the AVID program.*

The Advancement Via Individual Determination (AVID) is an elective class with the overall goal to prepare students with a 2.0-3.5 GPA for four-year college eligibility. This course provides support for the successful completion of Pre-AP course(s) through tutorial support, writing instruction, reinforcement of study skills, time management techniques, and motivational activities. AVID students learn to work cooperatively as a support system for each other and form a trusted core of dedicated students to rely upon. Students will gain confidence in their own abilities while learning to assist their peers.

## **BUSINESS TECHNOLOGY**

### **399020 Computer Applications I 1 semester**

*Prerequisite: Keyboarding*

*Note: CAI is blocked with Career Orientation.*

This class is designed to provide students with the fundamental computer skills necessary to do well in high school and needed in virtually all jobs today. In the area of word processing, students will learn the fundamental skills necessary to create and edit the most widely used documents and use the most commonly used features of a word processor, such as bullets, numbered lists, special characters, borders and shading, fonts, and paragraph and line searching. The fundamentals in the use of scanners, graphics, and Word Art are applied to documents. Internet searching skills and citing Internet sources are stressed with these applied to a simple PowerPoint presentation. In the area of spreadsheets, students will be expected to create and edit spreadsheets, using basic formulas and functions, and create a graph or chart.

## CAREER ORIENTATION

### 399100 Career Orientation 1 semester

*Note: Career Orientation is blocked with Computer Applications I*

Students in Fayetteville are expected to take this course for one semester in the eighth grade. Career Orientation follows a career education curriculum that is hands-on and activity based. It provides eighth grade students the opportunity to explore the world of work in relation to their own interests and abilities.

## ENGLISH

### 388110 English 1 Year

Students will continue the writing process with emphasis on revision and development of detailed writing products. They will maintain a selected collection of their writings to show their growth as writers. In addition, they will have opportunities to share their writing with others. Grammar and usage will be taught in the context of the writing process. Students will read and evaluate a variety of literary forms. Independent reading is a required expectation.

### 38811P Pre-AP English 1 Year

*Note: This course is not required for Pre-AP English in the ninth grade, but it is strongly suggested.*

Eighth grade Pre-Advanced Placement English class will provide a strong foundation in reading, writing, speaking, and listening skills as students prepare for the AP program in high school. Depth of study will focus students on a grade-appropriate but challenging language arts study. Reading and writing skills will be stressed, and outside reading and homework will be required components of the student effort. Students will be expected to assume responsibility for all assignments.

## FAMILY & CONSUMER SCIENCE

### 399070 Family and Consumer Science 1 Year

*Note: A fee of \$5 is required for consumable materials. This is an introductory course that will enable students to become a State of Arkansas Career Education Scholar/Completer. See page 61 for more information.*

This course is designed to provide students with the basic information and skills needed to function effectively as an individual and as a consumer. Topics covered include needs and growth patterns of children, techniques of discipline, clothing selection, garment construction, money management, nutrition and food selection, meal planning and preparation, family and individual health, principles and elements of design, the computer as a home appliance, home management, relationships, arrangement of living space, and use of credit cards and banking services. These topics will be supplemented through guest speakers, field trips, videos, and hands-on experience.

## INDUSTRIAL TECHNOLOGY AND ENGINEERING EDUCATION

### 399150 Introduction to Technology and Engineering Education I (ETE I) Ramay -1 semester (blocked with ITF)

### 399150 Introduction to Technology and Engineering Education I (ETE I) Woodland 1 Year

*Note: A fee of \$15 is required for consumable materials.*

Learners are introduced to concepts of Technology and Engineering Education (EITE). Work includes material covering all four curriculum cluster areas: Communication, Construction, Production, and Transportation. Hands-on activities include drafting, rocketry, woodworking, CO<sub>2</sub> racecar production, as well as digital and traditional photography.

### 399010 Information Tech Fundamentals (ITF) Ramay only -1 semester (blocked with EITE I)

ITF is an introductory course that provides students with a hands-on approach to computer hardware and networking information. Students gain a working knowledge of how computers work as they disassemble and reassemble machines and are introduced to the basics of networking. This course can lead to further study in related areas in high school, as well as providing valuable information in making wise computer related decisions.



## JOURNALISM

### 999131 Yearbook 1 Year (Ramay Only)

*Note: Students must complete a Ramay yearbook application packet, essay, and English teacher recommendation.*

Ramay yearbook members work collaboratively to produce a part of Ramay history, The Indian, Ramay's yearbook. This class requires students to be highly self-motivated and be able to multi-task. Students will learn techniques for writing, editing, photography, creating page layouts, and business management. Students must be willing to devote time outside of yearbook classes and the regular school day to attend/document school events and to meet deadlines.

### 97013W Art of Writing 1 semester (Woodland Only)

*Note: It is strongly suggested a student have a grade of "B" or better in seventh grade English. This course is not for struggling writers. This course is blocked with Intro to Journalism. There is a \$10 Publication Fee.*

The Art of Writing is a one-semester course for 8<sup>th</sup> graders designed to complement and supplement Journalism I. The focus will be on the production of student work in a supportive, student-centered environment where students can give and receive feedback on their writing in small and large group settings. Students will engage in craft exercises in both fiction and non-fiction genres that will improve their confidence in themselves as writers as well as improve their "art." The most important concepts in the course are careful observation, interview, description, revision, editing and style. In addition, students will use technology to explore Internet publishing and use of Internet sources. Participants will also have the opportunity to visit local media outlets and question visiting authors. Some writing will be self-paced, but deadlines will also be emphasized. Students will be assessed primarily by portfolio and reflective writing.

### 97013J Introduction to Journalism 1 semester (Woodland Only)

*Note: A grade of 'B' or better in 7<sup>th</sup> grade English is required for this course. A good work ethic and excellent time management skills are also a necessity. Not suggested for beginning, struggling or emerging writers. This course serves as the prerequisite to the Woodland Round-Up Yearbook.*

Introduction to Journalism introduces students to the exciting world of print media. Law, ethics, and the history of journalism will complement the major credits of study: reporting, writing, editing, photography, business/financial organization, teamwork, deadline management, advertising and basic design. Additionally, students will have the opportunity to contribute articles to the WJHS PTO newsletter, the Cowboy Courier, and visit working media centers in our community such as advertising agencies; the offices of The Razorback, The University of Arkansas yearbook; local TV stations and/or the Northwest Arkansas Times. Regular writing assignments will be required as well as photo shoots, the mastery of technical vocabulary and two community outreach/special projects. Some out-of-class time is required.

## MATH

### 388310 Math 8 1 Year

This course will develop the foundation of algebraic understanding for the subsequent formal study of algebra. Students will explore relationships among quantitative variables and use numerical tables, graphs, and symbolic and verbal expressions to describe and predict the patterns of change in variables. Students will work with various representational forms and strategies (including the use of graphing calculators and other technologies) to recognize the patterns of change associated with linear, quadratic functions, and to solve common problems involving these functions. This course applies geometry, probability, statistics, and measurement concepts that develop algebraic reasoning.

### 430001 Pre-AP Algebra I 1 Year

*Prerequisite: Recommendation process through 7<sup>th</sup> grade math teacher.*

*Note: Eighth grade students who successfully complete this course will receive high school graduation credit. A "TI" graphing calculator is recommended for home use. Students must take the Algebra I end of course exam and score proficient or complete required remediation in order to receive credit.*

This course is designed for students who have demonstrated proficiency in pre-algebra and problem-solving skills. The study of Pre-AP Algebra I requires a high level of motivation to learn, and good organizational skills. Pre-AP Algebra I is a more rigorous approach to concepts in the Algebra I curriculum which includes solving equations, factoring, polynomials, graphing, functions, rational expressions, systems of equations, and the appropriate use of the TI graphing calculator and other technologies.

**431008 Pre-AP Geometry 1 Year**

*Prerequisite: Pre-AP Algebra I. A "TI" Graphing calculator is recommended for home use.*

*Note: Pre-AP Geometry is a prerequisite for Pre-AP Algebra II. Eighth grade students who successfully complete this course will receive high school graduation credit. Students must take the Geometry end of course exam and score proficient or complete required remediation in order to receive credit.*

This course is designed for students who have successfully completed Pre-AP Algebra I. Students make conjectures based on observations using inductive reasoning. This technique is used to introduce and then reinforce the characteristics and properties of all the basic two- and three-dimensional geometric figures. Pre-AP Geometry is a more rigorous approach to topics in the geometry curriculum. It includes critical thinking, problem solving, parallel and perpendicular lines, radicals, area and volume, and compass and straight edge construction of geometric figures. Graphing calculators and other technologies will be used.

**432008 Pre-AP Algebra II 1 Year**

*Prerequisite: Pre-AP Algebra I, Pre-AP Geometry. Note: A "TI" graphing calculator is recommended for home use.*

*Note: Eighth grade students who successfully complete this course will receive high school graduation credit.*

This course is designed for students who have been successful in Pre-AP Algebra I. Pre-AP Algebra II is a more rigorous approach to topics in the Algebra II curriculum. This course includes the structure of the real and complex number systems; coordinate geometry; relations and functions; rational and irrational expressions; matrices; linear and quadratic polynomial functions; systems of open sentences; conic sections; logarithms; and linear, quadratic, and absolute value equations and inequalities. Additional topics of matrices, graphing, complex numbers, and linear programming are included. Graphing calculators and other technologies will be used. Students planning to take AP Calculus should take this course to be sufficiently prepared. Eighth grade students who successfully complete this course will receive high school graduation credit.

**MUSIC**

**38854B Instrumental Music (Band) 1 Year**

Students who have achieved the minimum requirements in beginning band will be chosen to participate in the 8th Grade Band. The 8th Grade Band performs at various events throughout the year including the winter and spring concerts. Emphasis is placed on developing individual skills while learning to perform in an ensemble setting. This group will have opportunities to compete individually and collectively at different events throughout the year.

**38854M Instrumental Music (String Orchestra) 1 Year**

String Orchestra is a performance group open to students who have some beginning to advanced experience on the violin, viola, cello, or double bass. Emphasis will be placed on improving orchestral and ensemble playing techniques. Students will be required to attend rehearsals and performance outside the regular school day and will have opportunities to play in regional and state contests.

**388530 Vocal Music (Ramay Accents) (Woodland Tempos) 1 Year**

*Note: **Students are selected by audition.** There will be a rental fee of \$35.00 for the use of a choir uniform.*

Students will develop vocal music skills, work on sight-singing and music theory, and strive to achieve a superior choral sound at an advanced level. The choir will participate in three major concerts, compete at the Junior High Regional Choral Performance Assessment, and audition for the Northwest Arkansas All-Region Choir.

**388531 Vocal Music - Select Girls' Choir 1 Year**

*Note: **Students without previous vocal experience will need to audition for placement.** There will be a rental fee of \$35.00 for the use of a choir uniform.*

Students will develop vocal music skills, work on sight-singing and music theory, and strive to achieve a superior choral sound. The choir will participate in three major concerts, compete at the Junior High Regional Performance Assessment, and have the opportunity to audition for the Northwest Arkansas All-Region Choir. Girls in this choir may audition for the Accents/Tempos Choir during the spring to participate beginning the fall semester.

**388532 Vocal Music - Select Boys' Choir 1 Year**

*Note: **Students without previous vocal experience will need to audition for placement.** There will be a rental fee of \$35.00 for the use of a choir uniform.*

Students will develop vocal music skills, work on sight-singing, music theory, and strive to achieve a superior choral sound. The choir will participate in three major concerts, compete at the Junior High Regional Performance Assessment, and have the opportunity to audition for the Northwest Arkansas All-Region Choir.

## **PHYSICAL EDUCATION**

### **388810 Physical Education 1 Year**

Students will learn the basic concepts of physical education and participate in a variety of fitness and sports activities. Students will learn the basic concepts of physical education and participate in a variety of traditional and adventure activities. Students will be required to participate in the Presidential Challenge as well as to create a personal fitness profile and set personal fitness goals. The University of Arkansas students frequently come to the class and engage the students in a variety of recreational activities. Other activities that students may participate in are aerobics, yoga, Tae Kwon Do, and weight training.

## **PRE-ENGINEERING**

### **399110 Automation and Robotics 1 semester**

### **399120 Design and Modeling 1 semester**

*Note: Automation and Robotics is blocked with Design and Modeling. Learners must demonstrate basic math and writing skills. A fee of \$15 is required for consumable materials.*

Students trace the history, development, and influence of automation and robotics. They learn about mechanical systems, energy transfer, machine automation and computer control systems. Students use a robust robotics platform to design, build and program a solution to solve an existing problem. In the second semester, students begin to recognize the value of an engineering notebook to document and capture their ideas. They are introduced to and use the design process to solve problems and understand the influence that creative and innovative design has on our lives. Students use industry standard 3D modeling software to create a virtual image of their designs and produce a portfolio to showcase their creative solutions.

## **SCIENCE**

### **388210 Science 1 Year**

The course provides experiences that help students develop and apply critical thinking skills. These experiences are provided by the use of higher-level divergent questions, laboratory investigations, experiments, problem-solving activities, and research projects. Emphasis is placed on skill and terminology development in order to provide students with basic tools they need to be successful in the science content area. Students will learn how to perform scientific investigations by collecting real data, analyzing, and reporting findings via charts and graphs. Students will study weathering, erosion and soil formation, relative ages of rock, oceans, gravity and the universe, electricity and magnetism, atomic theory, organisms, and genetics.

### **38821P Pre-AP Science 1 Year**

*Note: Due to the advanced rigor of the course, only school-initiated schedule changes will be considered during the first quarter.*

This course will provide students with the experiences, learning strategies, and skills base necessary for advanced or AP science courses in high school. The learning activities focus on skill development through in-depth study of an array of life, physical & earth science topics including scientific investigations, the scientific method, atoms, electricity, magnetism, global warming, oceans, space, weathering, erosion, soils, topographic maps, organisms, evolution, natural selection & genetics. Each student will be expected to complete all assignments and labs on time, actively participate in all class discussions, fieldtrips, research activities, and work cooperatively with other students in problem solving activities. Students must present themselves with a positive attitude and strong work ethic (striving for high achievement). Although not a prerequisite for any other science courses, Pre-AP Science is for those students who need and want a more challenging science curriculum to provide the foundation for advanced science course work.

## **SERVICE LEARNING**

### **399390 Leadership and Service Learning 1 Year – Ramay only**

Students learn and develop through active participation in thoughtfully organized service experiences that meet real community needs and are coordinated in collaboration with the school and community. The service learning is integrated into the students' academic curriculum and provides structured time for them to discuss, write, and think about what they did and observed during the actual service activity.

## **SKILLS CLASSES**

### **38890R Tools for Learning (Literacy Emphasis) 1 Year**

English curriculum standards are taught through a reading program designed to address individual student's reading deficits. At Woodland, this course may be blocked with a core class.

**38890M Tools for Learning (Math Emphasis) 1 Year**

This course, which is a companion to the student's Math 8 class, is designed for students needing additional assistance with math skills. Instruction will include Math 8 topics plus any math topics that students have not yet mastered.

**SOCIAL STUDIES**

**388710 Social Studies 1 semester**

*Note: This course is blocked with 378720 Arkansas History.*

This course is a survey of topics in World History from the Renaissance to modern-day terrorism; it also addresses core concepts of economics, civics, and geography. Skill development is also a focus of the course.

**378720 Arkansas History 1 semester**

*Note: This course is blocked with 378710 Social Studies.*

This course will present local and state history, civic/governmental and economic concepts in a chronological manner. Areas of study will be addressed at the local, county and state levels. Students will benefit from a variety of learning techniques which will enhance their note-taking, oral presentation, research skills, and analytical abilities as they study the geography of their state, famous citizens, the state's economy, Arkansas' cultural heritage and diversity, and the change and progress of the state over the course of its history.

**WORLD LANGUAGE**

**358410 Survey of Foreign Languages 1 Year**

*Note: This course does not fulfill the world language requirement needed for honors graduation.*

This year-long course introduces students to a variety of languages and cultures. Students are provided with basic language skills and vocabulary to help them be successful in their study of a foreign language. The year begins with a history of language and Greek and Latin units where students learn the alphabets, words, and prefixes and suffixes that we use every day in English. During the Spanish, French and German units students learn the alphabet, numbers, basic dialogues, family members and classroom objects. Cultural and geographical aspects of each language are also studied.

**35841N Narrative Spanish 1 Year**

*Note: This course does not fulfill the world language requirement needed for honors graduation.*

This course is designed for those students who want to learn basic conversational Spanish without the emphasis on grammar studies included in Spanish I. The class will emphasize the conversational skills that students will need in the workplace with some attention given to reading, writing, and cultural skills. The class is taught mainly by storytelling with the use of American Sign Language, songs, projects, and job-site simulations. Students will be speaking Spanish (with a limited vocabulary) almost immediately.

**As language study is cumulative and a student's overall success in the program is contingent upon the successful completion of each semester and level, it is the recommendation of the World Language faculty that any student receiving a failing grade in the first semester of any 1<sup>st</sup> year course (French I, German I, Spanish I) should drop the class and retake it the following year.**

**441000 French I 1 Year, 1 World Language**

*Note: This course is recommended for students who have grades of a "C" or better in English. This course counts as high school credit. This course does fulfill the course requirements for honors graduation.*

French I is a basic introduction to the five skills of language: speaking, listening comprehension, reading, writing, and culture. Students learn elementary grammar skills and vocabulary pertaining to such topics as days of the week; months of the year; numbers; telling time; family; ordering in a café; daily activities; likes and dislikes; descriptions of people, things, and places in a French city; buying clothes; and leisure time activities. Emphasis is placed on the application of all grammar and vocabulary skills to speaking and understanding French, as well as writing well-organized paragraphs in the language. Fifteen minutes of homework per night can be expected. French students are encouraged to take advantage of the many extra-curricular opportunities and competitions sponsored by the World Languages department, such as celebrating National French Week and joining the Foreign Language Club. Select students may compete in the AFLTA regional and state language festivals and take the Grand Concours, a national standardized test offered by the American Association of Teachers of French.

**442001 German I** 1 Year, 1 World Language

*Note: This course is recommended for students who have grades of a “C” or better in English. This course counts as high school credit. This course does fulfill the course requirements for honors graduation.*

In German I, a beginning course, students will learn to communicate accurately in German on a variety of topics. They will be able to ask and answer questions about themselves and their possessions, about friends and family, and about their daily activities and leisure pastimes. They will be able to function in German in a variety of situations such as making introductions, ordering a meal, shopping, socializing with peers, and making plans. To sharpen language skills, class activities will include oral and written practice, individual and group study, and frequent review. Students will learn about the customs and cultures of the German-speaking countries through the use of culturally authentic videos and tapes.

**440001 Spanish I** 1 Year, 1 World Language

*Prerequisite: For students with little or no previous Spanish study. This course is recommended for students who have recorded grades of a “C” or better in English.*

*Note: **Native speakers** may not take levels I and II of their native language, as it does not address their language needs and cannot be counted towards honors graduation. This course counts as high school credit*

In Spanish I, students will learn to communicate in Spanish on a variety of topics. They will be able to ask and answer questions about themselves, friends and family, daily activities and pastimes, and possessions. They will be able to accurately express themselves in a variety of situations, such as making introductions, ordering a meal, shopping, socializing with peers, and making plans. To sharpen language skills, class activities will include oral and written practice, individual and group study, and frequent review. Students will learn about the customs and cultures of the Spanish-speaking countries through the use of culturally authentic videos and tapes.

**SPECIAL SERVICES**

Assistance programs are available to any student who meets the state and federal regulations for these programs. Such programs may include speech and language therapy, occupational therapy, physical therapy, and/or specialized instruction in the areas of academics and/or emotional areas. Referrals can be made through the Special Education Designee.

# 9<sup>th</sup> GRADE COURSE LISTINGS

## Courses listed in alphabetical order

Graduation requirements are an essential part of the decision making process. Please view 2016 and beyond graduation requirements below very carefully as you plan for next school year.

9th grade students are expected to sign up for seven (7) classes. Of the seven (7) classes, one (1) must be English, one (1) must be math, one (1) must be science, one (1) must be social studies, and three (3) are elective choices.

### Class of 2016 and Beyond Graduation Requirements

Any student enrolled in Fayetteville School District may receive a diploma after completing the following requirements:

CORE	SMART CORE	FAYETTEVILLE HONORS GRADUATION*
*A two-year algebra equivalent or a two-year geometry equivalent may each be counted as two credits of the four (4) credit requirements under <b>Core Diploma requirements.</b>		<b>*See Appendix C for a list of qualifying honor courses</b>
<b>English – 4 credits</b>	<b>English – 4 credits</b>	<b>English – 4 credits</b>
<b>Math – 4 credits</b> Algebra I or Algebra A/B (grades 7-8 or 8-9) Geometry, Geometry A/B (Grades 8-9 or 9-10), Other math credits must build on the base of algebra and geometry knowledge & skills	<b>Math – 4 credits</b> Algebra I or Algebra A/B (Grades 7-8 or 8-9) Geometry, Geometry AB (Grades 8-9 or 9-10), Algebra II, 4 <sup>th</sup> math beyond Algebra II	<b>Math – 4 credits – Algebra I, Geometry, Algebra II, and 4<sup>th</sup> math beyond Algebra II</b>
<b>Science – 3 credits</b> 1 credit of Biology, 1 credit chosen from a physical science, 1 credit of elective science	<b>Science – 3 credits</b> 1 credit of Biology, 2 credits chosen from a Physical Science, Chemistry or Physics	<b>Science – 3 credits,</b> 1 credit of Biology and 2 credits from Physical Science, Chemistry or Physics
<b>Social Studies – 3 credits</b> American History <b>and</b> World History <b>and</b> ½ credit of Civics <b>and</b> ½ credit of Economics	<b>Social Studies – 3 credits</b> American History <b>and</b> World History <b>and</b> ½ credit of Civics <b>and</b> ½ credit of Economics	<b>Social Studies – 3 credits– 1 credit of American History, 1 credit of World History, ½ credit of Civics and ½ credit of Economics</b>
<b>Physical Education - ½ credit of PE</b>	<b>Physical Education – ½ credit of PE</b>	<b>Physical Education – ½ credit PE</b>
<b>Health – ½ credit</b>	<b>Health – ½ credit</b>	<b>Health – ½ credit</b>
<b>Fine Arts – ½ credit</b> Art, music, fine arts drama	<b>Fine Arts – ½ credit</b> Art, music, fine arts drama)	<b>Fine Arts – ½ credit (art, music, fine arts drama)</b>
<b>Oral Communications – ½ credit</b>	<b>Oral Communications – ½ credit</b>	<b>Oral Communications – ½ credit</b>
<b>Career Focus Area – 6 credits</b>	<b>Career Focus Area – 6 credits</b>	<b>Career Focus Area – 6 credits</b>
<b>FHS Additional Career Focus Area = 2 credits</b>	<b>FHS Additional Career Focus Area = 2 credits</b>	<b>World Language – 2 credits from same world language</b>
<b>Total – 24 Credits</b>	<b>Total – 24 Credits</b>	<b>Total – 24 Credits</b>

- **Honors Graduate** - students must achieve a 3.5 GPA by the end of the 7<sup>th</sup> semester, and meet the Honors Graduate requirements with 8 credits completed from the qualifying courses listed below. Students must also complete two (2) years of the same world language.
- **High Honors Graduate** - students must achieve a 3.75 GPA, by the end of the 7<sup>th</sup> semester, and meet the Honors Graduate requirements with 10 Credits completed from the qualifying courses listed below. Students must also complete three (3) years of the same world language and five (5) credits of math.
- **Distinguished Honors Graduate** - students must achieve a 4.0 GPA, by the end of the 7<sup>th</sup> semester, and meet the Honors Graduate requirements with 12 credits completed from the qualifying courses listed below. Students must also complete three (3) years of the same world language and five (5) credits of math.

\*See Appendix B for a list of qualifying honor courses.

## **AGRICULTURE**

### **491150 Agriculture Science & Technology** 1 Year, 1 Career Focus Credit – Ramay only

*Note: This is an introductory course that will enable students to become a State of Arkansas Career Education Scholar/Completer. See page 53 for more information.*

This is an introductory course covering a wide variety of topics in agriculture. The course is designed to present a broad spectrum of topics in agriculture science, leadership, and mechanics. Areas covered include animal science, plant science, food science, natural resources, Ag business, and Future Farmers of America (FFA). Students also learn hands-on skills in the areas of woodworking, electricity, plumbing, and small gas engines.

## **AVID**

### **591010 AVID I** 1 Year, 1 Career Focus Credit

*Note: Recommendation and Application.*

The Advancement Via Individual Determination (AVID) is an elective course with the overall goal to prepare students with a 2.0-3.5 GPA for four-year college eligibility. This course provides support for the successful completion of Pre-AP course(s) through tutorial support, writing instruction, reinforcement of study skills, time management techniques, and motivational activities. AVID students learn to work cooperatively as a support system for each other by forming a trusted core of dedicated students to rely upon. Students will gain confidence in their own abilities while learning to assist their peers.

## **BUSINESS, MARKETING, AND TECHNOLOGY**

### **492490 Computer Applications I** 1 semester, ½ Career Focus Credit

*Prerequisites: Keyboarding*

*Note: This is an introductory course that enables students to become a State of Arkansas Career Education Scholar/Completer. See page 58 for more information.*

This class is designed to provide students with the fundamental computer skills necessary to do well in high school and needed in most jobs today. In the area of word processing, students will learn the fundamental skills necessary to create and edit the most widely used documents and use the most commonly used features of a word processor, such as bullets, numbered lists, special characters, borders and shading, fonts, and paragraph and line searching. The fundamentals in the use of scanners, graphics, and Word Art are applied to documents. Internet searching skills and citing Internet sources are stressed with these applied to a simple PowerPoint presentation. In the area of spreadsheets, students will be expected to create and edit spreadsheets, using basic formulas and functions, and create a graph or chart.

### **492500 Computer Applications II** 1 semester, ½ Career Focus Credit

*Prerequisites: Keyboarding, Computer Applications I.*

Computer Applications II is a half-credit course designed to provide students with the intermediate computer skills necessary to do well in college and to be successful in most careers.. Students will learn techniques that will allow them to create fairly complex word processing and spreadsheet documents. The students will continue their Internet research, applying it to spreadsheets, charts and graphs, and web pages.

### **492510 Computer Applications III** 1 semester, ½ Career Focus Credit

*Prerequisites: Keyboarding, Computer Applications II.*

Computer Applications III is a one-semester course designed to provide students with the computer skills necessary to do well in college and needed in most jobs today. Students will learn techniques that will allow them to create simple to intermediate desktop publishing documents; create, access and edit databases; use email efficiently and ethically; create advanced electronic presentations; and create web pages using web-page design software. They will continue their Internet research, applying it to advanced electronic presentations and the web pages they create.

## **COMMUNITY SERVICE LEARNING**

### **496010 Community Service Learning 1 Year, 1 Career Focus Credit – Ramay only**

*Note: Because class enrollment is limited, prospective students are required to complete an application process and should have at least a 2.0 grade point average. Exemplary behavior is expected and conduct resulting in disciplinary action may be grounds for removal from the program.*

Students will identify and develop an individual or small group project that will serve their local or global community while simultaneously developing personal leadership skills. Examples of service learning projects may include one of the following areas: local/global environmental issues, elder care, preschool care, teenage parents, elementary tutors, etc. In all service projects, students keep a journal of their experiences, do research on current social issues, and have reflection time to discuss problems and achievements. Students gain an understanding of community service while directing their own learning process.

## **ENGLISH**

### **410000 English (9) 1 Year, 1 Credit**

Students will learn to identify the elements of literature through the study of the novel and drama, with support from short stories, essays, and poetry. They will also learn to analyze literature, develop their writing skills, and build vocabulary through reading and application. Mini-lessons and individual conferences will help students address correct usage, mechanics, and grammar. Outside reading and literature responses are required. Speaking and listening skills will also be developed.

### **41000P Pre-AP English (9) 1 Year, 1 Credit**

*Note: To take Pre-AP English, the student must not have a grade below a “B” for both semesters in 8th grade Language Arts. Due to the advanced rigor of the course, placement is based on eighth grade English teacher recommendation. Only school-initiated schedule changes will be considered during the first quarter. This class is not a prerequisite for the Pre-AP/AP Block in 10<sup>th</sup> grade but is recommended.*

The Pre-AP English class provides students with the experiences and strategies needed in an AP program. Students who take this class are expected to be self-motivated, to complete all assignments, to complete independent and group projects, and to read, write, and think at higher levels. Much of the reading and course work is to be completed outside of class time, and the coursework will be demanding. A signed student/parent commitment is required.

## **FAMILY AND CONSUMER SCIENCE**

### **493080 Family and Consumer Science 1 Year, 1 Career Focus Credit**

*Note: If a student has taken this course in the 8th grade, placement in the ninth grade course must have principal approval. A fee of \$5 is required for consumable materials. This is an introductory course that enables students to become a State of Arkansas Career Education Scholar/Completer. See page 63 for more information.*

This course is designed to provide students with the basic information and skills needed to function effectively as an individual and as a consumer. Topics covered include needs and growth patterns of children, techniques of discipline, clothing selection, garment construction, money management, nutrition and food selection, meal planning and preparation, family and individual health, principles and elements of design, the computer as a home appliance, home management, relationships, arrangement of living space, and use of credit cards and banking services. These topics will be supplemented through guest speakers, field trips, videos, and hands-on experience.

## **FILM, TV, PHOTOTGRAPHY, JOURNALISM**

### **493640 Fundamentals of A/V Tech & Film 1 year 1.0 credit (Woodland only)**

This course will emphasize the introduction and development of audio and video knowledge and skills specific to the Filmmaking pathway. Students will plan and work on a variety of individual and group projects with a focus on producing short fictional and nonfictional films. Projects will apply skills and understandings related to writing, producing, directing, cinematography, sound, production design and editing. Time management, teamwork, problem-solving, safe equipment use, and responsibility are emphasized in this class. Students will produce portfolios for grade assessment and for use as a permanent record of their work.



## FINE ART

### **450000 Art I** 1 Year, 1 Fine Arts Credit

*Note: There is a \$15.00 materials fee to cover consumable supplies.*

This course assists inexperienced art students in reflecting, responding, and rediscovering artwork while connecting with the concept of self, of others, of environments, and of historical and cultural influences. Students will use their creativity in a wide variety of media, techniques, processes, and tools to develop original works of art and design. A strong emphasis will be placed on using the elements of art and principles of design

### **450001 Art I - Advanced** 1 Year, 1 Fine Arts Credit

*Note: Students must demonstrate previous art experience (Visual Art (8) or portfolio) and complete an application.*

*There is a \$15.00 materials fee to cover consumable supplies.*

This course requires experienced artists to bring high interest and self-motivation to class. Building on the skills developed in Visual Art 8, students will further explore various media to express ideas visually. Students will build a portfolio and keep a sketchbook, which will assist interested students who apply for Art II at FHS.

### **451000 Instrumental Music (Band)** 1 Year, 1 Fine Art Credit

*Note: Students who have achieved the minimum requirements in the 8th Grade Band will be chosen to participate in the 9th Grade Band.*

The band marches in the fall and performs at football games and parades. The 9th Grade Band performs at various concerts and events throughout the year. Members will have opportunities to compete individually and collectively at different events throughout the year. This group also performs in the winter and spring concerts each year.

### **551010 Instrumental Music I (String Orchestra)** 1 Year, 1 Fine Arts Credit

String Orchestra is a performance group open to students who have some beginning to advanced experience on the violin, viola, cello, or double bass. Emphasis will be placed on improving orchestral and ensemble playing techniques. Students will be required to attend rehearsals and performance outside the regular school day and will have opportunities to play in regional and state contests.

### **452000 Vocal Music (Ramay Accents) (Woodland Tempos)** 1 Year, 1 Fine Arts Credit

*Note: Students are selected by audition. There will be a rental fee of \$35.00 for the use of a choir uniform.*

Students will develop vocal music skills, work on sight-singing and music theory, and strive to achieve a superior choral sound at an advanced level. The choir will participate in three major concerts, compete at the Junior High Regional Choral Performance Assessment, and audition for the Northwest Arkansas All-Region Choir.

### **452001 Vocal Music Select Girls' Choir** 1 Year, 1 Fine Arts Credit

*Note: Students without previous vocal experience will need to audition for placement. There will be a rental fee of \$35.00 for the use of a choir uniform.*

Students will develop vocal music skills, work on sight-singing and music theory, and strive to achieve a superior choral sound. The choir will participate in three major concerts, compete at the Junior High Regional Performance Assessment, and have the opportunity to audition for the Northwest Arkansas All-Region Choir. Girls in this choir may audition for the Accents/Tempos Choir during the spring to participate beginning in the fall semester.

### **452002 Vocal Music Select Boys Choir** 1 Year, 1 Fine Arts Credit

*Note: Students without previous vocal experience will need to audition for placement. There will be a rental fee of \$35.00 for the use of a choir uniform.*

Students will develop vocal music skills, work on sight-singing, music theory, and strive to achieve a superior choral sound. The choir will participate in three major concerts, compete at the Junior High Regional Performance Assessment, and have the opportunity to audition for the Northwest Arkansas All-Region Choir.

**559100 Fine Arts Drama I** 1 Year, 1 Fine Arts Credit

*Note: There may be field trips included in the curriculum, which involve admission fees.*

The objective of this introductory course is for students to appreciate and understand the elements of drama and theater while participating in a variety of activities. Learning about theater history, reading and viewing plays, pantomime, improvisation, acting and writing for the theater (monologue, duet, and/or ensemble), learning basic stage movement and techniques, and Reader's Theater are some areas of instruction. Participation is a requirement. Homework will involve reading and analyzing plays, writing dramatic pieces, and practicing and rehearsing performances.

## HEALTH

**480000 Health and Safety** 1 Semester, ½ Health Credit

This course is designed for students who wish to complete the basic health requirements in one semester. Course content is based on a multidimensional approach to wellness as in Comprehensive Health. Topics are accelerated to cover all health standards in one semester.

## INDUSTRIAL TECHNOLOGY EDUCATION

**494010 Exploring Industrial Tech Education I** 1 semester, ½ Career Focus Credit

**494020 Exploring Industrial Tech Education II** 1 semester, ½ Career Focus Credit

*Note: ETE I is blocked with ETE II. Learners must demonstrate basic 8th grade math and writing skills and have teacher approval. A fee of \$15 is required for consumable materials.*

The course is an advanced study of areas covered in ETE I. Cluster areas are more in-depth, including computers, CADD (Computer Aided Drafting and Design), power woodworking tools, automotive concepts, building trades and other technology areas covered in the first year.

## JOURNALISM

**999130 Yearbook** 1 Year, 1 Career Focus Credit – Ramay only

*Note: Students must complete a yearbook application packet, essay, and English teacher recommendation. Yearbook counts as an activity class. Students can only take one (1) activity class each year for elective credit.*

Yearbook members work collaboratively as a team to produce the yearbook. This class requires students to be highly, self-motivated and be able to multi-task. Students will acquire techniques for writing, editing, photography, creating page layouts, and business management. Students must be willing to devote time outside of yearbook classes and the regular school day to attend/document school events and to meet deadlines.

**415000 Journalism (9)** 1 Year, 1 Credit – Woodland only

*Prerequisite: Intro to Journalism course, and completed application packet including parent and student signatures, copy of the most recent report card and follow-up interview.*

*Note: Students will publish The Round-Up yearbook.*

Students will learn advanced techniques for writing, copyediting, layout, and design and business management. Teamwork, organization, and computer skills are essential. Frequent out-of-class time is required to attend school events, such as dances or athletic events, to meet deadlines, and for photography shoots. Deadlines are strongly enforced.

## MATH

**430000 Algebra I (9)** 1 Year, 1 Algebra I Credit

*Note: Students must take the Algebra I end of course exam and score proficient or complete required remediation in order to receive credit.*

Students will develop skills in the language of algebra; the use of properties of equality to solve linear and quadratic equations and inequalities; concepts of functions, relations, and patterns; the use of tables and graphs to represent data, and make predictions; use simple matrices; use and apply linear, quadratic, and exponential functions; and polynomial operations and factoring of polynomials. Graphing calculators and other technologies will be used to develop and apply algebraic concepts to solve mathematical and real world problems

**430001 Pre-AP Algebra I (8, 9) 1 Year, Algebra I Credit**

*Note: Recommendation process. Eighth grade students who successfully complete this course will receive high school graduation credit. A "TI" graphing calculator is recommended for home use. Students must take the Algebra I end of course exam and score proficient or complete required remediation in order to receive credit.*

This course is designed for students who have demonstrated proficiency in pre-algebra and problem-solving skills. The study of Pre-AP Algebra I requires a high level of motivation to learn, and good organizational skills. Pre-AP Algebra I is a more rigorous approach to concepts in the Algebra I curriculum which includes solving equations, factoring, polynomials, graphing, functions, rational expressions, systems of equations, and the appropriate use of the TI graphing calculator and other technologies.

**431009 Pre-AP Geometry (9) 1 Year, 1 Geometry Credit**

*Prerequisite: Pre-AP Algebra I*

*Note: Students must take the Geometry end of course exam and score proficient or complete required remediation in order to receive credit.*

This course is designed for students who have successfully completed Pre-AP Algebra I. Students make conjectures based on observations using inductive reasoning. This technique is used to introduce and then reinforce the characteristics and properties of all the basic two- and three-dimensional geometric figures. Pre-AP Geometry is a more rigorous approach to topics in the geometry curriculum. It includes critical thinking, problem solving, parallel and perpendicular lines, radicals, area and volume, and compass and straight edge construction of geometric figures. Graphing calculators and other technologies will be used. Pre-AP Geometry is a prerequisite for Pre-AP Algebra II.

**432009 Pre-AP Algebra II (9) 1 Year, 1 Algebra II Credit**

*Prerequisite: Pre-AP Algebra I, Pre-AP Geometry*

*Note: Students planning to take AP Calculus should take this course.*

This course is designed for students who have been successful in Pre-AP Algebra I. Pre-AP Algebra II is a more rigorous approach to topics in the Algebra II curriculum. Students will study a variety of functions: linear, quadratic, polynomial, exponential, logarithmic and rational. Additional topics such as systems of equations and inequalities, linear programming, graphing in three dimensions, matrices, statistics, complex numbers, and models for data are covered.

**ORAL COMMUNICATIONS**

**414000 Oral Communication (9) 1 semester, ½ Oral Communications Credit**

This introductory course is designed to give students an overview of the art of interpersonal communication. Emphasis is placed on an understanding of the elements of communication, verbal and nonverbal communication, language, listening, group discussion and public speaking. Students are expected to complete oral presentations to receive credit. This course satisfies the Oral Communication graduation requirement.

**PHYSICAL EDUCATION**

Students will learn the basic concepts of physical education and participate in a variety of fitness and sports activities.

**48500M Boys Physical Education (9) 1 Year, 1 Physical Education (P.E.) Credit**

**485000 Boys Physical Education (9) 1 semester, ½ Physical Education (P.E.) Credit**

**48500W Girls Physical Education (9) 1 Year, 1 Physical Education (P.E.) Credit**

**485001 Girls Physical Education (9) 1 semester, ½ Physical Education (P.E.) Credit**

**ORGANIZED PHYSICAL ACTIVITY (ATHLETICS)**

- **Students will receive ½ Physical Education (P.E.) Credit and ½ Organized Physical Activity Credit in the classes beginning with "585" in Organized Physical Activity.**
- Students who take an Organized Physical Activity class more than one year will only receive local credit in Organized Physical Activity. Students taking additional credits will receive a grade of "Pass" or "Fail" for the class.

*Prerequisite: Enrollment in any organized physical activity (athletics) program requires coaches' approval. Approval is based on academic record and behavior displayed in school. Arkansas Activities Association (AAA) eligibility requirements must be met.*

*Note: All equipment is provided except shoes. A doctor's physical examination is required.*

The athletic program at the junior high school level is designed to accomplish many things, such as, building confidence, developing skills in basketball, promoting teamwork, providing physical development, promoting sportsmanship, promoting school spirit, teaching discipline, and teaching responsibility.

<b>58502B Basketball – boys</b>	1 Year (½ PE Credit and ½ Career Focus Credit)
<b>58502A Basketball - girls</b>	1 Year (½ PE Credit and ½ Career Focus Credit)
<b>58502C Cheerleading</b>	1 Year (½ PE Credit and ½ Career Focus Credit)
<b>58502T Cross Country</b>	1 Year (½ PE Credit and ½ Career Focus Credit)
<b>58502D Dance</b>	1 Year (½ PE Credit and ½ Career Focus Credit)
<b>58502F Football</b>	1 Year (½ PE Credit and ½ Career Focus Credit)
<b>999816 Track (Spring)</b>	1 semester (½ Career Focus Credit)
<b>58502V Volleyball</b>	1 Year (½ PE Credit and ½ Career Focus Credit)

## **PRE-ENGINEERING**

### **495480 Introduction to Engineering Design (IED) 1 Year, 1 Career Focus Credit**

*Note: This course requires teacher approval and learners must show a mastery of 8th grade math and science skills.*

*A fee of \$15 is required for consumable materials. This is an introductory course that enables students to become a State of Arkansas Career Education Scholar/Completer. See page 65 for more information.*

Introduction to Engineering Design is a first year experience in pre-engineering. Learners will have the opportunity to take a look into the future of technology and where society is headed. Students use a problem-solving model to improve existing products and invent new ones. They learn how to apply this model to solve problems in and out of the classroom. Using sophisticated three-dimensional modeling software, students communicate the details of the products. Emphasis is placed on analyzing potential solutions and communicating ideas to others.

## **SCIENCE**

### **423000 Physical Science (9) 1 Year, 1 Physical Science Credit**

This course introduces physical laws and chemical processes including laws of force and motion, energy, wave theory, electricity, chemical reactions and bonding, and radioactivity. The course focuses on problem solving, skill development and laboratory investigations. Proper use of equipment and demonstration of lab safety rules will be required.

### **42300P Pre-AP Physical Science (9) 1 Year, 1 Physical Science Credit**

*Note: Due to the advanced rigor of the course, only school initiated schedule changes will be considered during the first quarter. Pre-AP Physical Science is NOT a prerequisite for any current high school course. Completion of Algebra I and strong math skills are recommended before taking this class. A signed commitment and safety contract is required.*

Pre-AP Physical Science is designed to instruct students seeking rigorous and challenging course content, who are task committed and willing to strive for a higher level of learner outcome. The “physics semester” focuses on energy, waves and motion. The “chemistry semester” focuses on the periodic table, bonding, reactions and radioactivity. Technology is a vital part of this class. PASCO, TI and computer applications are used frequently. Both semesters are activity/lab based. Higher reading and processing skills are necessary.

### **42000P Pre-AP Biology (9) 1 Year, 1 Biology Credit**

*Prerequisite: Successful completion of Science 8 and Algebra I.*

*Note: There is a summer assignment and students and parents will sign a class expectations contract. Completion of a science project and entry in the local science fair are mandatory parts of the course. Students must take the Biology end of course exam and score proficient or complete required remediation in order to receive credit.*

**SUMMER ASSIGNMENT:** *The assignment will be handed out in May at the junior high schools by the Pre-AP Biology teacher. Transfer students may pick this assignment up in the main office of the respective junior high school. The assignment needs to be turned in one week before the first day of school.*

Primarily designed for two groups of students, those who plan to take AP Biology in high school and those who wish to take a course offering a greater challenge than regular biology, Pre-AP is a good option for a wide array of students. Students are expected to demonstrate an above average interest in the life sciences and exhibit exemplary behavior in the classroom and laboratory. The course will cover all the Biology I curriculum as well as additional material. The laboratory experiences are designed to both prepare students for the rigor of the AP Biology labs and provide hands-on inquiry based learning experience.

## **SOCIAL STUDIES**

### **472000 Civics (9) 1 semester, ½ Civics Credit**

Civics provides a study of the structure and functions of the United States government, the government of Arkansas, and political institutions. Civics also examines constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. This course stresses application, problem-solving, higher-order thinking skills, and the use of classroom performance-based/open-ended assessments with rubrics.

### **47210P Pre-AP Civics/American Government (9) 1 year, ½ Civics Credit, ½ Career Focus Credit**

*Note: Due to the advanced rigor of the course, only school-initiated schedule changes will be approved during the first quarter.*

This course is designed to prepare students for AP U.S. History and other advanced placement courses at the high school level. To do so, this course will place greater emphasis on reading comprehension skills, writing skills, and primary source document analysis. Pre-AP Civics/American Government provides a study of the structure and functions of the United States government, the government of Arkansas, and political institutions. Pre-AP Civics/American Government examines constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. This course stresses application, problem-solving, higher-order thinking skills, and the use of classroom performance-based/open-ended assessments with rubrics.

## **STUDENT COUNCIL**

### **999993 Student Council (Woodland) 1 Year, 1 Local Elective Credit**

*Note: Students receive local elective credit. Students must apply for this class.*

Student Council meets during a class period at Woodland only. Teacher evaluations and a written essay about why the student wants to pursue a leadership role at his/her junior high are part of the selection process. Students help plan various activities throughout the year and work with the administration to plan programs for the school.

### **999993 Student Council (Ramay) 1 Year, No Credit**

*Note: Student Council is not a scheduled class and does not count in students' elective choices nor do students receive credit.*

Ramay Student Council is a group of elected students who meet regularly (usually weekly) after school to help plan activities throughout the year including functions (i.e. dances, pep rallies) and service projects (i.e. fundraisers). Though students do not have to enroll in the Service Learning class, Student Council members will work closely with the Service Learning students.

## **WORLD LANGUAGE**

As language study is cumulative and a student's overall success in the program is contingent upon the successful completion of each semester and level, it is the recommendation of the World Language faculty that any student receiving a failing grade in the first semester of any level should drop the class and retake it the following year.

### **441000 French I (8,9) 1 Year, 1 World Language Credit**

*Note: This course is recommended for students who have grades of a "C" or better in English. To satisfy Honors Graduation requirements, students must take two consecutive years of a language.*

French I is a basic introduction to the five skills of language: speaking, listening comprehension, reading, writing, and culture. Students learn elementary grammar skills and vocabulary pertaining to such topics as days of the week; months of the year; numbers; telling time; family; ordering in a café; daily activities; likes and dislikes; descriptions of people, things, and places in a French city; buying clothes; and leisure time activities. Emphasis is placed on the application of all grammar and vocabulary skills to speaking and understanding French, as well as writing well-organized paragraphs in the language. Fifteen minutes of homework per night can be expected. French students are encouraged to take advantage of the many extra-curricular opportunities and competitions sponsored by the World Languages department, such as celebrating National French Week and joining the Foreign Language Club. Select students may compete in the AFLTA regional and state language festivals and take the Grand Concours, a national standardized test offered by the American Association of Teachers of French.

### **441010 French II 1 Year, 1 World Language Credit**

*Prerequisite: French I*

*Note: This course is recommended for students who have grades of "C" or better in French I. To satisfy Honors Graduation requirements, students must take two consecutive years of a language.*

French II is a continuation of French I with emphasis on the five language skills: speaking, listening comprehension, reading, writing, and culture. Grammar study is more complex, and vocabulary is expanded to include such topics as school, professions, meals, food, shopping, entertainment, sports, health, and house and home. Emphasis continues to be on applying all grammar and vocabulary skills to conversation and to writing well-organized compositions in French. An average of twenty minutes of homework per night can be expected. French students are encouraged to take advantage of the many extra-curricular opportunities and competitions sponsored by the World Languages department, such as celebrating National French Week and joining the Foreign Language Club. Select students may compete in the AFLTA regional and state language festivals and take the Grand Concours, a national standardized test offered by the American Association of Teachers of French.

**442001 German I** 1 Year, 1 World Language Credit

*Note: This course is recommended for students who have grades of "C" or better in English. **Native speakers** may not take levels I and II of their native language, as it does not address their language needs and cannot be counted towards honors graduation. To satisfy Honors Graduation requirements, students must take two consecutive years of a language.*

This course is designed to begin the development of oral proficiency, reading and writing. We will emphasize all 5 language skills: listening, speaking, reading, writing and culture. In this course we use traditional language teaching methodology. We provide not only necessary grammatical structure but also a language-rich environment that promotes a more natural acquisition of the foreign language. The focus is communication in German, incorporating an understanding of the German culture. Students are expected to take notes and participate in all daily activities. Grades are based on test and quiz performance, homework, projects and oral interviews.

**442010 German II** 1 Year, 1 World Language Credit

*Prerequisite: German I*

*Note: This course is recommended for students who have grades of "C" or better in German I. **Native speakers** may not take levels I and II of their native language, as it does not address their language needs and cannot be counted towards honors graduation.*

German II is a continuation of the presentation of the basic grammar of the language and culture not covered in German I. In the classroom listening, speaking, reading, and writing skills are further developed with the emphasis on communicative activities. Students must assume more responsibility for mastery of vocabulary than students taking German I. A minimum of twenty minutes of homework per night is required. Grades are based on test and quiz performance, homework, projects, and oral interviews.

**440000 Spanish I** 1 Year, 1 World Language Credit

*Prerequisite: For students with little or no previous Spanish study. This course is recommended for students who have recorded grades of a "C" or better in English.*

*Note: **Native speakers** may not take levels I and II of their native language, as it does not address their language needs and cannot be counted towards honors graduation.*

In Spanish I, students will learn to communicate in Spanish on a variety of topics. They will be able to ask and answer questions about themselves, friends and family, daily activities and pastimes, and possessions. They will be able to accurately express themselves in a variety of situations, such as making introductions, ordering a meal, shopping, socializing with peers, and making plans. To sharpen language skills, class activities will include oral and written practice, individual and group study, and frequent review. Students will learn about the customs and cultures of the Spanish-speaking countries through the use of culturally authentic videos and tapes.

**440020 Spanish II** 1 Year, 1 World Language Credit

*Prerequisite: Spanish I*

*Note: This course is recommended for students who have recorded grades of a "C" or better in Spanish I. **Native speakers** may not take levels I and II of their native language, as it does not address their language needs and cannot be counted towards honors graduation.*

Spanish II is a continuation of the presentation of the basic grammar and vocabulary of the language. Discussion of Hispanic cultures emphasizes Central and South America. Listening, speaking, reading and writing skills are developed with emphasis on communicative activities. Teaching Proficiency through Reading and Storytelling (TPRS) is the method used to increase both listening and speaking proficiency. Students are taught by using storytelling for oral proficiency and by using reading, writing, and listening exercises. Grades are based in quizzes, chapter tests, homework, and projects.

**540100 Spanish for Spanish Speakers I** 1 Year, 1 World Language Credit

*Note: Students must speak Spanish at home. Student must score in the 31-80 on the HRW placement test. This class will count as a World Language credit for Fayetteville Schools.*

This course is for the students whose first language is Spanish who need to fine-tune their reading and writing skills. The class will focus on proper grammar skills and writing techniques. Reading skills, vocabulary, and spelling will also be improved. This is not a class in conversational Spanish.

# **FAYETTEVILLE HIGH SCHOOL**

## **MISSION STATEMENT**

Fayetteville High School engages all students in a rigorous, relevant curriculum to inspire a passion for attaining their highest academic and civic potential.

## **VISION STATEMENT**

All learners engage in challenging, collaborative learning experiences in a personalized environment that prepares them to be continuous learners and successful contributors in their global community.

## **COLLECTIVE COMMITMENTS**

- Our curriculum will be built on a strong foundation of basic skills. The curriculum must challenge and teach all students the rigorous knowledge and skills necessary for the world in which they live.
- We will teach our curriculum with the best educational strategies, focusing on a strong foundation of life skills while challenging students through the rigorous content and skill application necessary to transition to post-secondary education and careers.
- We will empower students to be critical thinkers, enthusiastic readers, skillful researchers, and ethical users and producers of information.
- We will help create well-rounded individuals. We will offer a variety of activities that do not detract from academics, but which create individualized success that builds esteem and personal growth in a safe and equitable environment.
- We will collaborate as Professional Learning Communities (PLC's) and departments to vertically and horizontally align content, skills and assessments.
- We will instill a sense of pride about Fayetteville High School. Our culture is to expect students to be successful in academics, the arts, and athletics.

# General Information

The Fayetteville School District believes that selection of courses is one of the most important things that students and parents do each year. Course choices have long-term effects on job opportunities, preparation for college, the development of responsibility and independence. We urge students to make your selections seriously and thoughtfully, to consult with your parents/guardians, and to seek additional information from your teachers and advisors. All students are expected to take seven (7) classes each semester.

## **CHANGE IN COURSE SELECTION (SCHEDULE CHANGE REQUEST)**

The master schedule for the school year is constructed to fit the needs indicated by the Career and Planning (CAP) meeting conducted with students and advisors in the spring. Students will have an opportunity to drop a class or request a schedule change in the first five (5) days of each semester during Advisory. The student's Advisor will assist the student in following this procedure. Schedules can be changed for the following reasons:

1. Student is enrolled in a class previously completed
2. Student does not have the necessary prerequisites
3. Student is a senior and needs a class to meet graduation requirements
4. Student wishes to replace a class with a study hall, teacher's aide, or office aide

### **IMPORTANT:**

- *Schedule change request forms must be submitted within five (5) days into the semester.*
- *Students who drop a class after ten (10) days will receive an "F" in the course being dropped if change does not meet criteria 1-4 above.*

## **CLASSIFICATION OF STUDENTS**

The promotion of students and grade placement are based on accumulated credits. The following credit totals are required for the specific grade at the beginning of the fall semester:

5 credits = **Sophomore**

10 credits = **Junior**

16 credits = **Senior**

24 credits = **Graduation**

## **CREDITS**

### **Local Credit**

Some courses offered at Fayetteville High School receive local credit only. Local credit courses cannot be considered as credits for the Arkansas Academic Challenge Scholarship Program (Lottery Scholarship). Any courses which count only as local credits are identified within the course descriptions. Local credit courses can only count toward graduation requirements beyond the state-required 22 credits.

### **Loss of Credit**

Students with over 12 absences in a course in a semester shall not receive credit for that course. If the student fails to receive credit for a sufficient number of courses and, at the discretion of the principal, after consultation with persons having knowledge of the circumstances of the absences, the student may be denied promotion or graduation. Excessive absences, however, shall not be a reason for expulsion or dismissal of a student.

## **GRADUATION REQUIREMENTS**

To graduate from Fayetteville High School, a student must earn a minimum of twenty-four (24) appropriate credits. Credits are earned at the rate of ½ credits per semester. Twenty-two (22) credits are required by the State Department of Education and can be earned either through the Core requirements or Smart Core requirements. FHS requires an additional two (2) credits, for a total of 24, to be eligible for graduation. In order to graduate with honors requirements, specific courses are required. These required courses can be found in Appendix A.

### **Core and Smart Core Requirements**

The Core Curriculum and Smart Core Curriculum are a standard component of the required course of study to graduate from Arkansas public schools. **All students will participate in the Smart Core curriculum unless the parent or guardian waives the student's right to participate.**

### **Early Graduation**

Students interested in graduating early will need to meet with their counselor. Students must follow appropriate application procedures (applications are available in the counseling office) and meet the 24 credit graduation requirement in order to be considered for early graduation.



## **NCAA Requirements for Athletes**

Students who want to participate in athletics or receive an athletic scholarship for college must complete specific courses in order to be eligible. For more information concerning these requirements, please contact the NCAA Campus Coordinator at 445-1201, or go to the NCAA website at [ncaa.org](http://ncaa.org).

## **NEW STUDENTS TO FHS**

### **New students are enrolled from 8:30 a.m. to 11:00 a.m. each school day, or by appointment.**

Students enrolling in Fayetteville High School will need to complete registration materials through the Counseling Office. Parents must provide one

(1) of the following documents indicating the child's age:

- a) Birth certificate
- b) Statement by the local registrar or a county recorder certifying the child's date of birth
- c) An attested baptismal certificate
- d) A passport
- e) An affidavit of the date and place of birth by the child's parent or guardian
- f) Previous school records
- g) Military identification

### **I. Students returning from a Foreign Exchange Program**

All classes taken overseas during a foreign exchange program will be reported on FHS transcripts as "pass" or "no credit." They will not be used to calculate GPA, honors graduates, or class ranking.

### **II. Transfer from other public schools**

When a student transfers from another accredited public high school, high school credits and grade point average earned will be accepted and treated in a manner similar to credits and grade point average earned at Fayetteville High School. Credit cannot be given for a course that shows as "no credit" or a grade of "F" on the incoming transcript.

Weighted credit will be given ONLY for the transfer of successfully completed Advanced Placement (AP) courses with verification of the AP exams taken, completed international baccalaureate courses, and ADE approved honor courses. All other courses will receive no additional weight in determining the grade point average for a student who transfers from a public school.

If a student transfers from a non-accredited public high school, a committee of appropriate personnel to include a counselor, department chair, and administrator will review and determine the awarding of credits and grades. This determination may include formal assessments, transcript reviews, and/or portfolio reviews. It will be the responsibility of the parent or guardian of the transferring student to provide school officials with a copy of the most recent official student transcript, a copy of the high school course description book, and graded samples of the student's work for the review of the school committee.

### **III. Transfer from home school**

Arkansas law specifies that a high school is not responsible for providing credits, grades, transcripts, or diploma for a student in home schooling instruction. However, the law goes on to state that the home-schooled student may earn a diploma by entering high school and completing a minimum of nine (9) months in school in classes of appropriate placement. The student must also meet the graduation requirements for Fayetteville High School:

#### **A. Interview and Documentation:**

During an interview, the parent/guardian and student will be responsible for providing to the school counselor the following documentation in order for the appropriate decision to be made regarding student placement in courses. This documentation will include, but not be limited to:

- Documentation that application for home schooling has been approved
- A copy of the student's Individualized Education Program (IEP) (required by Arkansas home school laws)
- Documentation from the Home School Academy/Company showing courses the student successfully completed, dates of study, and successful completion of courses,
- Curriculum guides/sample work completed by the student in each course where credit is being requested

#### **B. Awarding of Credit:**

When the appropriate documentation of work completed by the student is given to the school counselor, the work and documentation will be evaluated by a committee composed of a counselor, appropriate department faculty members, and the grade level assistant principal. Recent standardized test scores will be helpful. The decision to award credit in a specific subject area will be determined by considering the following:

- The course work aligns with course offerings at FHS,
- There is evidence of mastery of the course standards,

The committee may take any of the following actions on a course-by-course basis:

1. Grant credit (any credit granted will be placed on the student's transcript as "pass" or "credit" with no letter or numerical grade assigned);
2. Grant credit contingent upon the student's passing a subsequent course, making a satisfactory score on a standardized test, or providing additional information to substantiate the student has knowledge of a specific subject area;
3. Deny credit

#### **IV. Transfer from a school in a foreign country**

- When a student transfers in from an accredited American school in a foreign country, high school credits will be accepted and treated in a manner similar to transfer from either an accredited public or private school in the American Education System. A grading scale should be furnished from the transfer school to help the Counselor award credit for classes.
- When a student transfers from a foreign school, a maximum of 6.5 credits will be awarded for each academic year. The Registrar and Counselor will determine what courses receive credit. Credit will be assigned as "pass" or "no credit" and determined by the foreign school transcript. Courses will not be used to calculate GPA, honors graduation, or class ranking. An official transcript must be provided from the student's previous school. The transcript must have a signature and seal, and be presented to the Registrar in a sealed envelope.

### **STUDENT ACADEMIC PROGRAMS AND SERVICES**

#### **ADVANCED PLACEMENT PROGRAM, COURSES, AND EXAMINATIONS**

A student considering courses in the Advanced Placement programs needs to consider the rigor of the curriculum and the time requirements of these courses. We strongly encourage every student who plans to continue their education beyond high school to enroll in an advanced placement course.

The Advanced Placement Program, sponsored by the College Board, is a program of college-level courses and examinations that provides high school students with an opportunity to earn advanced placement, college credit, or both while still in high school. The AP program offers students challenge, study of subjects in greater depth, accelerated learning opportunities, a sense of accomplishment, strength in a college application, development of college-level study, analytical skills, and a head start for college credit.

Advanced Placement examinations are given in May. Each college decides which AP exam grades it will accept for credit and/or advanced placement. Generally, institutions accept grades of 3 and above to award credit for an equivalent course. More than 3,800 U.S. colleges and universities accept AP grades. Students seeking credit through the AP program should obtain the college's AP policy in writing or refer to the institution's catalog.

More than 1,500 institutions award a full year's credit to students presenting enough satisfactory scores on AP exams. Each year a number of FHS students enter college with sophomore standing at the universities they attend.

Arkansas is one of over twenty states that provide state funding to support the AP program and examination fees. Fees for AP exams are paid by the Arkansas Department of Education for students enrolled for a full year in an AP class. A student must take the AP exam in order to receive a weighted grade. A one-time per year AP exam administration fee (\$15.00) will be collected by the school during AP exam registration. Students not enrolled for the full year in an AP class must pay the entire cost as assessed by the College Board (\$87.00).

For further information view College Board Online at <http://www.collegeboard.org>.

#### **HOMEBOUND SERVICES**

Homebound services are provided for students who cannot attend school due to a long term illness or disability. Applications for homebound instruction are available in the Counseling Office. The student must provide necessary documentation from his/her doctor, and a committee meeting is held to determine course work. Credits earned through approved homebound instruction may count toward graduation.

#### **SPECIAL PROGRAMS AND SERVICES**

The Fayetteville Public School District provides programs for those students who have special educational needs, gifted students, language learners, and at-risk students. Placement in these programs is made after assessment and testing determines student need for a specific program. Programs that fall into this category are:

- Special Education Program,
- Gifted and Talented Program,
- ESL (English as a Second Language) Program, and
- Alternative Education, Agee Lierly Life Preparation Services (ALLPS).

## **SUPPORT PROGRAMS AT FHS**

### **Attendance Recovery Program**

Purpose: To assist students in recovering credit for courses lost due to violation of FHS's attendance policy. Students can request application from attendance office to complete hours in Saturday school or summer school.

### **College and Career Consulting Services**

The College and Career Office is available for students who need information about colleges, finding sources for grants, scholarships available from colleges, and deadline dates for applying to colleges.

For more information visit <http://schoolcenter.fayar.net/education/staff/staff.php?sectionid=579>.

### **Credit Recovery Programs**

The purpose of credit recovery is to provide students who have failed an academic course the opportunity to retake the course and earn credit toward high school graduation requirements. These classes are taught through computer based coursework. These classes are offered during the school day, in night school, and during summer school. Classes are free when taken as a course on student's schedule. Fees are charged for taking classes in night school and in summer school; scholarships are available. **Courses taken in FHS Credit Recovery programs do not meet NCAA eligibility requirements.**

#### **a. Night School**

Students who fail a course are eligible to attend Night School. The dates and times are published on the FHS website. Applications for Night School can be picked up in the Counseling office or accessed online. Night school provides students the opportunity to recover credits and remain on track for graduation. **Senior level students can access Night School courses for Independent Study/Acceleration.**

#### **b. Summer School**

Students who fail a course are eligible to attend Summer School. The dates and times will be announced during the last nine weeks of school. Applications for Summer School can be picked up in the main office at Fayetteville High School beginning the first school day in May.

The official transcript is the record of student completion of coursework leading to graduation requirements. Once a student receives credit for a class, it cannot be removed. Students repeating a course to meet graduation requirements will receive an "R" next to the repeated course on their transcript and the original grade remains recorded. The original grade will remain on the transcript, but not factor into the GPA. Students cannot retake a class in which they have previously received credit for the sole purpose of improving their GPA.

### **EARLY COLLEGE EXPERIENCE**

North West Arkansas Community College (NWACC) offers concurrent courses in the high schools through Early College Experience (ECE). ECE concurrent courses count for high school and college credit and may transfer to all Arkansas public colleges and universities, and many other institutions in the country. Students pay less than half of regular college tuition and must purchase required textbooks. ECE courses at Fayetteville High School include English Composition I and II, College Algebra, Finite Math and Dental Assisting. Students may contact their high school counselor for admission and registration information or visit [www.nwacc.edu/earlycollege](http://www.nwacc.edu/earlycollege).

Early College Experience courses are challenging because they are college-level courses. They have the same learning outcomes, study requirements, and textbooks as the courses offered at the NWACC campus. Courses offered include college English, mathematics, communications, natural sciences, social sciences, behavioral sciences and humanities. The state of Arkansas required minimum college core curriculum provides a good guideline for selecting courses in high school. Information about the core curriculum is available in high school counseling offices or on our website: [www.nwacc.edu](http://www.nwacc.edu).

**Courses available through Northwest Technical Institute in Springdale and Rogers are listed in the Small Learning Community Priority Electives.**

### **Independent Study Courses via non-FHS course (Online/Correspondence Courses)**

No more than 1.5 credits from correspondence courses and online courses earned from external accredited educational institutions will be accepted for graduation requirements. Correspondence courses and online courses must be pre-approved by the student's counselor. Generally, correspondence courses earn .5 credits each. Students must pay for tuition, books, and other fees associated with these courses.

In order for a senior to be on the graduation list, grades for any correspondence course or online course must be received by May 1. Failure to meet this deadline may cause the senior to be omitted from graduation activities, including not being listed as a graduate on the commencement program. Seniors should plan to complete and mail all correspondence lessons by April 1 in order to guarantee getting the test graded and the **grade reported to FHS by May 1.**

### **Remediation**

**Purpose:** Students who scored below proficiency on state End of Course (EOC) exams (Literacy-English 11, Biology, Geometry, Algebra I) are assigned to attend remediation after school. Failure to complete remediation will result in loss of credit for course(s) to be remediated.

### **Response To Interventions (RTI)**

**Purpose:** Act as a prevention model to limit or prevent academic failure for students who are having difficulty learning by providing "scientific research-based interventions" to bring students up to grade level achievement. Program focuses on helping all children learn by addressing problems earlier to assist in academic success.

### **Scholarship Opportunities**

#### **Arkansas Academic Challenge Scholarship Program (Lottery Scholarship)**

The Academic Challenge Program provides educational assistance to Arkansas residents in pursuit of a higher education. Additional funding made possible by the Arkansas Scholarship Lottery has allowed the expansion of the Arkansas Academic Challenge Scholarship to provide higher education opportunities to previously underserved Arkansas students (traditional, currently enrolled and nontraditional college students).

**For more information on how to apply visit [www.adhe.edu](http://www.adhe.edu).**

### **Testing Center**

**Purpose:** To provide students the opportunity to take course exams due to absences from classes on dates of the exam. This service is offered before and after school on Tuesday, Wednesday, and Thursdays of the week throughout the school year.

### **Tutoring**

**Literacy - Purpose:** To provide students the opportunity to get additional academic support to improve literacy skills. This service is offered during lunch during a specified period of time prior to EOC testing in the spring.

**Math Tutoring- Purpose:** To provide FHS students the opportunity to get additional academic support in math. This service assists students enrolled in courses offered on the FHS campus. Tutoring is offered before and after school on selected days of the week throughout the school year. See FHS website for details.

## SMALL LEARNING COMMUNITIES (SLC)

Fayetteville High School is organized as a set of Small Learning Communities (SLC). This is a form of school structure that is increasingly common in secondary schools to subdivide large school populations into smaller, autonomous groups of students and teachers. This structure will allow our students to receive a highly personalized education. It is our goal to provide exciting learning opportunities based on rigorous programs of study which will be of benefit to students regardless of their post-secondary decisions.

FHS currently has three SLC housed on the main campus:

1. C.R.E.W. – Community, Relationships, Environment and Wellness
2. F.A.C.E. – Film, Arts, Creative Expression and Engineering
3. G.E.M. – Global Infrastructure, Entrepreneurship and Modern Communication

\*\*An alternative learning SLC is available to students who meet the enrollment criteria.

Our teachers, counselors and principals are dedicated to assisting students and parents during the CAP process. Our goal is to guide every student in their selection of an SLC that best suits their academic interests and future plans. Students will choose an SLC prior to their sophomore year. Students are to remain in their SLC unless their interest and academic plans change. SLC changes are only allowed when enrolling for the next academic school year.

Each SLC is unique and offers three Programs of Study. It is suggested that students and their parents take careful notice of the courses that have been assigned and/or recommended for each of the Programs of Study. Certain courses afford students priority enrollment. Students DO NOT have to stay within a specific program of study while in their SLC; they are merely suggestions.

The next few pages include a visual of the SLC structures. The following terms will be used within the CAP book and must be clearly understood so that students are correctly placed in the SLC.

1. **Core:**  
Courses consisting of required curriculum for graduation from English, Math, Science, and Social Studies.
2. **Additional Graduation Requirements:**  
Courses needed to complete the requirements for graduation.
3. **Advanced Placement (AP):**  
Core or elective courses that are taught with an accelerated curriculum.  
College level credit may be earned with acceptable AP Exam scores.
4. **Selective Enrollment Electives:**  
These courses are open to any student regardless of SLC, but have an application or require an audition prior to enrollment.
5. **Priority Enrollment Electives:**  
These are courses that belong to a specific SLC. Students from any SLC may enroll in courses; however, placement in classes will be given first to students within that SLC.
6. **Recommended Advanced Placement:**  
All AP courses are open to every student regardless of the SLC to which they belong. The AP courses that are listed within a specific SLC Program of Study are merely suggestions of courses that have curriculum based connections to the Priority Enrollment Electives.
7. **Recommended Enrichment Electives:**  
These courses are open to any student who wishes to take them regardless of their SLC. There is a natural connection between these courses and Priority Enrollment Electives. Selecting these additional electives may enhance your SLC experience.

# 10th Grade

## Core

English  
Math  
Social Studies  
Science

## Advanced Placement

Pre-AP American Literature  
AP Biology  
Pre-AP Biology  
AP Human Geography  
AP Physics B  
AP US History

## Additional Graduation Requirements

Economics (2014) • Health • Oral Communications • PE • Fine Arts  
World Languages I, II – Honors graduation  
World Languages I-III – High Honors graduation (2016)

## FHS Elective Programs

### Selective Enrollment Electives

Band • Choir • Library Service Learning • Literary Magazine Newspaper • Organized Physical Activity • Student Council • Yearbook

### Priority Enrollment Electives

Consult the programs of study for each of the individual Small Learning Communities

#### C.R.E.W.

Community,  
Relationships,  
Environment and  
Wellness

#### F.A.C.E.

Film, the Arts, Creative  
Expression and  
Engineering

#### G.E.M.

Global Infrastructure,  
Entrepreneurship  
and Modern  
Communication

# 11<sup>th</sup> and 12<sup>th</sup> Grade

## 11<sup>th</sup> Core

English  
Math  
Social Studies  
Science

## 12<sup>th</sup> Core

English  
Math  
(High Honors -2016)  
  
Social Studies  
Science (optional)

### Additional Graduation Requirements

Economics (2014) • Health • Oral Communications •  
PE Fine Arts •  
World Languages I, II – Honors graduation  
World Languages I-III – High Honors graduation (2016)

### Advanced Placement Opportunities

AP Calculus AB/BC  
AP Comparative Politics  
AP Computer Science  
AP English Language and Composition  
AP English Literature and Composition  
AP European History  
AP Human Geography  
AP Macroeconomics  
AP Statistics  
AP U.S. Government and Politics  
AP World History

AP Biology  
AP Chemistry  
AP Environmental Science  
AP French Language and Culture  
AP German Language and Culture  
AP Music Theory  
AP Physics B/C  
AP Psychology  
AP Spanish Language and Culture  
AP Studio Art

## FHS Elective Programs

### Selective Enrollment Electives

Band • Choir • Dawg Crew • Library Service Learning • Literary Magazine • Newspaper  
Organized Physical Activity • Service Learning • Student Council • Yearbook

### Priority Enrollment Electives

Consult the programs of study for each of the individual  
Small Learning Communities

#### C.R.E.W.

Community,  
Relationships,  
Environment and  
Wellness

#### F.A.C.E.

Film, the Arts, Creative  
Expression and  
Engineering

#### G.E.M.

Global Infrastructure,  
Entrepreneurship  
and Modern  
Communication



# **C.R.E.W.**

Community, Relationships, Environment and Wellness

Do you enjoy learning about science, the outdoors, animals, equipment, environmental issues, ecology or natural resources?

Are you a student who is interested in learning about workings of the human mind, cultural differences, children, public and community service, relationships or teaching?

Would you like to learn more about nutrition and food preparation, life-long fitness, mental and social health, science, and opportunities related to medical professions?

Do you like being in classes that are activity based that allow you to explore ideas and concepts?

Are you interested in having teachers who will focus on connecting the coursework to your future pursuits?

If you answered yes to any of these questions, or if this is a focus you are looking for in high school, you might want to consider the C.R.E.W. SLC.

## **Community and Relationships** **People and Interpersonal Relationships**

*Students will apply research focusing on relationships, consumerism, civic responsibility, and human behavior.*

Students may explore professional, personal and family relationships, psychology, sociology, education, legal matters, parenting, child development, family finance, and other related opportunities.

## **Environment and Nature** **Agriculture, Science and Technology**

*Students will apply scientific knowledge to the natural world.*

Students may explore modern agriculture, the ecosystems of the Ozarks, hands on work with native plants and animals as well as domesticated animals, human societies past and present and their relationships with the environment, outdoor recreation and the concept of sustainability in buildings, agriculture, energy and other related opportunities.

## **Wellness and Healthy Living** **Fitness, Medicine and Mental Health**

*Students will explore health related connections and analyze their link to over-all wellness.*

Students may explore nutrition, psychology, courses leading to the health professions such as Anatomy and Physiology, Chemistry, Biology and other opportunities as they relate to over-all wellness and health care.





# C.R.E.W. Programs of Study

## Community and Relationships

People and Interpersonal Relationships

*Students will apply research focusing on relationships, consumerism, civic responsibility, and human behavior.*

### **Priority Enrollment Electives:**

Child Development  
Family Dynamics  
Human Relations  
Orientation to Teaching  
Parenting  
Personal Family Finance  
Psychology  
Sociology  
Statistics  
Street Law

### **Recommended AP Classes**

AP Biology  
AP Chemistry  
AP Comparative Politics  
AP European  
AP Human Geography  
AP Language and Composition  
AP Literature  
AP Macroeconomics  
AP Psychology  
AP Statistics  
AP U.S. Government  
AP U.S. History  
AP World History  
AP World Languages

### **Recommended Enrichment Electives:**

Band  
Dawg Crew  
Journalism and Yearbook  
Literary Magazine  
Organized Physical Activity  
Photography  
Service Learning  
Service Learning and Library  
Student Council  
World Languages

## Environment and Nature

Agriculture, Science, and Technology

*Students will apply scientific knowledge to the natural world.*

### **Priority Enrollment Electives:**

Advanced Animal Science  
AG Business  
AG Marketing  
AG Science and Technology  
Animal Science  
Biological Animal Science  
Biological Plant Science  
Botany/Zoology  
Outdoor Education and PE  
Plant Science

### **Recommended AP Classes**

AP Biology  
AP Calculus AB  
AP Calculus BC  
AP Chemistry  
AP Comparative Politics  
AP Environmental Science  
AP Human Geography  
AP Language and Composition  
AP Macroeconomics  
AP Physics B  
AP Physics C  
AP Statistics  
AP World History  
AP World Languages

### **Recommended Enrichment Electives:**

Dawg Crew  
Journalism  
Organized Physical Activity  
Photography  
World Languages

## Wellness and Healthy Living

Fitness, Medicine, and Mental Health

*Students will explore health related connections and analyze their link to over-all wellness.*

### **Priority Enrollment Electives:**

Anatomy/Physiology  
Child Development  
\*Dental  
Foods and Nutrition  
Human Relations  
Nutrition and Wellness  
Nutrition/Strength  
Outdoor Education and PE  
Parenting  
Psychology

\*NWACC

### **Recommended AP Classes**

AP Psychology  
AP Biology  
AP Chemistry  
AP Language and Composition  
AP Statistics  
AP Physics B  
AP Physics C  
AP Calculus AB  
AP Calculus BC  
AP World Languages  
AP World History  
AP Comparative Politics  
AP Macroeconomics

### **Recommended Enrichment Electives:**

Band  
Dawg Crew  
Journalism  
Organized Physical Activity  
Photography  
Student Council  
World Languages



# **F.A.C.E.**

Film, Arts, Creative Expression and Engineering

Are you a student who prefers hands-on learning and maximum interaction in the classroom?

Do you take an imaginative approach to class assignments or enjoy finding creative solutions to problems?

Are you interested in performing or creating a product for a public audience?

Are you interested in investigating a broad range of topics with a primary focus on the way people think and interact?

Are you interested in how and why things work? Are you interested in applying science and math to create solutions to problems?

If you answered yes to any of these questions or if this is the experience that you are looking for in high school, you might want to consider the programs of study in the F.A.C.E SLC.

Teachers in this SLC have a unique approach to teaching which encourages students to find original ways to satisfy the requirements of a class. You can expect an interactive learning environment where the teacher and the students are partners in the learning process.

## **The Arts** **Media and the Performing Arts**

*Students will focus on the creative process of production and performance.*

Students may explore creative writing, public relations, photography, stage management and design, music, reporting/publishing for a newspaper or internet source, acting, illustrating, creating two-dimensional and three-dimensional artwork, conducting, and other related opportunities.

## **Humanities** **Contemporary Communications and Liberal Arts**

*Students will explore branches of learning having a primarily cultural character.*

Students may explore politics, debate, activism, writing, teaching, law, public speaking, journalism and other related opportunities.

## **Applied Science and Design** **Agriculture, Engineering, Technology and Design**

*Students will apply scientific knowledge to practical problems.*

Students may explore engineering (civil, electrical, industrial, mechanical, biomedical, environmental, and software), graphic design, architecture, software/game development, scientific/medical research and development, and other related opportunities.



# F.A.C.E. Programs of Study

## The Arts

### Media and the Performing Arts

*Students will focus on the creative process of production and performance*

#### **Priority Enrollment Electives:**

- Advertising
- AG Business
- AG Marketing
- Art
- Art History
- AV Tech and Film
- Creative Writing
- Cultural Studies
- Debate
- Design and Multimedia Production
- Drama
- E.A.S.T.
- Fashion Merchandising
- Forensics
- Housing and Interior Design
- Marketing
- Marketing Management
- Photography
- Principles of Engineering
- Stage Management

#### **Recommended AP Classes:**

- AP European History
- AP Language and Composition
- AP Literature
- AP Music Theory
- AP Studio Art
- AP World History
- AP World Languages

#### **Recommended Enrichment Electives:**

- Band
- Choir
- Fundamentals of Journalism
- Literary Magazine
- Newspaper
- Organized Physical Activity
- World Languages

## Humanities

### Contemporary Communications and Liberal Arts

*Students will explore branches of learning having a primarily cultural character.*

#### **Priority Enrollment Electives:**

- Advertising
- Art
- Art History
- AV Tech and Film
- Creative Writing
- Cultural Studies
- Debate
- Design and Multimedia
- Drama
- Forensics
- Housing and Interior Design
- Marketing
- Marketing Management

#### **Recommended AP Classes:**

- AP Comparative Politics
- AP Environmental Science
- AP European History
- AP Human Geography
- AP Language and Composition
- AP Literature
- AP Macroeconomics
- AP Psychology
- AP Statistics
- AP U.S. Government
- AP World History
- AP World Languages

#### **Recommended Enrichment Electives:**

- Band
- Choir
- Fundamentals of Journalism
- Literary Magazine
- Newspaper
- Organized Physical Activity
- Service Learning
- Student Council
- World Languages

## Applied Science and Design

### Agriculture, Engineering, Technology and Design

*Students will apply scientific knowledge to practical problems.*

#### **Priority Enrollment Electives:**

- Advertising
- AG Mechanics
- AG Metals
- AG Science and Technology
- AG Structural Systems
- Art
- \*Automotive Service Technology
- Civil Engineering and Architecture
- \*Collision Repair Technology
- Digital Electronics
- E.A.S.T.
- Forensics
- Housing and Interior Design
- Marketing
- Marketing Management
- Photography
- Principles of Engineering

\*NWACC/NTI

#### **Recommended AP Classes:**

- AP Biology
- AP Calculus AB/BC
- AP Chemistry
- AP Environmental Science
- AP Language and Composition
- AP Physics B/C
- AP Statistics

#### **Recommended Enrichment Electives:**

- Band
- Choir
- World Languages



# **G.E.M.**

Global Infrastructure, Entrepreneurship and Modern Communication

Are you a student who keeps up with global technology trends and would like to apply them?

Do you want to examine the connections between your high school courses and global issues?

Are you interested in how people interact to resolve societal problems and exploring whether or how today's solutions are different from patterns of the past?

Do you plan to work with convergence of media, business, or in public service?

Do you have a spirit of creativity and innovation and intend to assume a leadership role in our diverse world?

If you answered yes to any of these questions or if this is the experience that you are looking for in high school, you might want to consider the G.E.M SLC.

Teachers offer you an opportunity to experience the interaction among people, participate in global economic systems and explore solutions to complex global issues.

## **Global Infrastructure** **Acknowledgement of global responsibility**

*Students will explore the interconnectedness of all human beings.*

Students may explore law, criminal justice, politics, economics, engineering, construction, finance, activism, or urban planning.

## **Entrepreneurship** **Participation in global interaction**

*Students will explore how we combine scarce resources in new ways.*

Students may explore accounting, engineering, computer application, design, construction, information technology, banking, and general business.

## **Modern Communication** **Interaction across the globe**

*Students will focus on methods of mass communication.*

Students may explore business communications, advertising, television, journalism, marketing and the systems which shape these forms of communication.



# G.E.M. Programs of Study

## **Global Infrastructure**

**Acknowledgement of global responsibility**

*Students will explore the interconnectedness of all human beings.*

### ***Priority Enrollment Electives:***

Agricultural Electricity  
Agricultural Mechanics  
Agricultural Power Systems  
Agricultural Science & Technology  
Agricultural Structural Systems  
Civil Engineering & Architecture  
Contemporary U.S. History  
\*Criminal Justice  
\*Law Enforcement  
Digital Electronics  
Personal Family Finances  
Principles of Engineering  
Sociology  
Small Engine Technology  
Street Law

\*NWACC / NTI

### ***Recommended AP Classes***

AP Calculus AB/BC  
AP Chemistry  
AP Comparative Politics  
AP Human Geography  
AP Language & Composition  
AP Macroeconomics  
AP Physics B/C  
AP Psychology  
AP Statistics  
AP US Government  
AP World Languages

### ***Recommended Enrichment Electives***

Dawg Crew  
Fundamentals of Journalism  
Library Service Learning  
Student Council  
World Languages

## **Entrepreneurship**

**Participation in global interaction**

*Students will focus on 21<sup>st</sup> century skills to examine entrepreneurship, globalization, team building, project management and leadership.*

### ***Priority Enrollment Electives:***

Advanced Database  
Advanced Spreadsheet  
Banking and Finance Law  
Banking and Finance Principles  
Civil Engineering & Architecture  
Computerized Accounting  
Computer Applications  
Digital Electronics  
Personal Family Finances  
Principles of Engineering  
Programming  
Retailing  
Senior Technology Seminar

### ***Recommended AP Classes***

AP Calculus AB/BC  
AP Computer Science  
AP Language & Composition  
AP Macroeconomics  
AP Psychology  
AP Statistics  
AP World History

### ***Recommended Enrichment Electives***

Dawg Crew  
Fundamentals of Journalism  
Library Service Learning  
Student Council  
World Languages

## **Modern Communication**

**Interaction across the globe**

*Students will focus on methods of mass communication*

### ***Priority Enrollment Electives:***

Advanced Spreadsheet  
Advertising  
Agricultural Business  
Design and Multimedia Production  
Marketing  
Marketing Management  
Retailing  
Salesmanship  
Sociology  
Television

### ***Recommended AP Classes***

AP Calculus AB/BC  
AP Comparative Politics  
AP Computer Science  
AP European History  
AP Language and Composition  
AP Literature  
AP Psychology  
AP Statistics  
AP US Government  
AP World History  
AP World Languages

### ***Recommended Enrichment Electives***

Fundamentals of Journalism  
Library Service Learning  
Literary Magazine  
World Language

# FAYETTEVILLE HIGH SCHOOL

## 10 – 12<sup>th</sup> Grade Course Listings

Graduation requirements are an essential part of the decision making process. Please view Appendix A and B graduation requirements very carefully as you plan for next school year.

### CORE COURSES

#### ENGLISH

*See Appendix D: English Course Sequence Chart*

**113003 American Literature/American History Block (10) 1 Year, 2 Credits (English and American History)**

This year long course for sophomores is an interdisciplinary approach to the study of American history and American literature from the Colonial Period to recent America. Students will study the historical and literary significance of events, people and eras, and will gain an understanding of both literary and historical perspectives. Teachers actively engage students in lecture, discussion, research, reading, note-taking, writing, current events, and student presentations.

**411000 English 10 (10) 1 Year, (1 English Credit)**

Students will study the literary significance of events, people and eras, and will gain an understanding of literary perspectives. Teachers actively engage students in lecture, discussion, research, reading, note-taking, writing, current events, and student presentations. Students study major literary figures including Mark Twain, Henry Thoreau, Ralph Emerson, Kate Chopin, Stephen Crane, Jack London, Ernest Hemingway, William Faulkner, Edgar Allen Poe, and Harlem Renaissance authors. Novel studies may include but are not limited to All Quiet on the Western Front, Black Like Me, The Crucible, The Grapes of Wrath, House on Mango Street, I Know Why the Caged Bird Sings, and A Lesson Before Dying, The Great Gatsby, The Jungle, and A Separate Peace.

**113102 Pre-AP American Literature/AP U.S. History Block (10) 1 Year, 2 Credits (English and American History)**

*Prerequisite: It is recommended that students take BOTH Pre-AP English 9 AND Pre-AP U.S. Government/Civics and finish both of these with an 'A' or 'B'. Any student who wishes to take the more challenging course and is willing to abide by course guidelines is eligible for the class. Students must be committed to the extra workload that this course requires. College credit may be earned with an acceptable score on the AP U.S. History exam.*

*Note: A summer assignment is required for this class. Students will be required to purchase a review text for this class. (See teacher web site for specific details.*

This year-long course for sophomores offers an extensive interdisciplinary approach to the study of American history and American literature from the Colonial Period to recent America for the student who has exhibited a high level of interest, dedication, and aptitude for previous language arts and social studies. Students will study the historical and literary significance of events, people and eras, and will gain an understanding of both literary and historical perspectives. Teachers actively engage students in lecture, discussion, research, reading, note-taking, writing, current events, and student presentations. In addition, these classes focus on developing the critical thinking, reading, and writing skills that will prepare students for the A.P. U.S. History exam and future AP classes. Weighted credit is given only for the AP U.S. History portion of this course.

**51703A AP English Language/Composition (APLAC) (11) 1 Year, 1 Junior English Credit**

*Note: A summer assignment is required for this class. For more information about AP courses go to <http://www.collegeboard.org>*

AP English Language and Composition is a yearlong course in writing and reading for academic purposes. Students will develop their own writing processes and styles by completing a series of essay assignments, including a substantial research essay which is assigned during the spring semester. The course material includes the semantic, structural, and rhetorical resources of language as well as the history of English. Because of the AP designation and the weighted grade, the course requires substantially more work than the regular 11<sup>th</sup> grade English course. A summer assignment is due on the first day of the fall semester. College credit may be earned with an acceptable score on the AP English Language /Composition exam.

**51704A AP English Literature/Composition (AP Lit) (12)** 1 Year, 1 Senior English Credit  
Note: A summer assignment is required for this class.

This course is designed to survey challenging works of fiction, poetry, drama, and literary criticism representative of the different literary periods. The perspective of the course will be broadly humanistic. The course seeks to develop in the student a generalist's knowledge of Western intellectual and literary tradition and to apply that knowledge in analyzing and writing about literature. Students will be required to read Anna Karenina or other novels as a summer reading assignment. The summer assignment novel is usually too long for study during the school year. College credit may be earned with an acceptable score on the AP English Literature/Composition exam.

**412000 English 11 (11)** 1 Year, 1 Junior English Credit  
Note: *Students must take the Literacy exam and score proficient or complete required remediation in order to receive credit in English 11.*

Students will read masterpieces with an emphasis on literature and non-fiction. Students will engage in a variety of writing experiences to develop critical thinking skills and improve their own writing processes. This course will help instill skills required for success in standardized testing and for college reading and writing. The course will incorporate the dynamics of student choice to read nonfiction pieces of personal interest, novels, and collected works by various authors.

**413000 English 12 (12)** 1 Year, 1 Senior English Credit  
Students will read world masterpieces with an emphasis on literature and non-fiction. Students will engage in a variety of writing experiences to develop critical thinking skills and improve their own writing processes. This course will help instill skills required for success in standardized testing and for college reading and writing. The course will incorporate the dynamics of student choice to read nonfiction pieces of personal interest, novels, and collected works by various authors.

**519900 English Composition I (12)** 1 Semester, ½ Senior English Credit  
*Prerequisites: 3.0 GPA, at least 19 on English ACT taken prior to May 15, college tuition fee, college textbook fee*  
*NOTE: Because of the duplication of the curriculum, students who have earned credit for Advanced Placement Language and Composition are not eligible to enroll in this course.*

Seniors who wish to begin acquiring college credit for English composition may enroll in the Early College Experience program offered by Northwest Arkansas Community College. A cumulative grade point average of 3.0 and an ACT score of 19 are requirements. Pre-registration, payment of tuition, and the purchase of the textbooks are required. The course is a survey of the basic rhetorical strategies of writing for academic purposes, including the reading of nonfiction, the writing of essays, and the completion of a research paper. Students earn three hours of college credit upon completion of the course, as well as credit for the twelfth-grade English requirement.

**519901 English Composition II (12)** 1 Semester, ½ Senior English Credit  
*Prerequisites: 3.0 GPA, at least 19 on English ACT taken prior to May 15, APLAC exam score of '4' or better, college tuition fee, college textbook fee, and completion of Composition I with a grade of C or better. NOTE: Credits earned in English Composition I and II (six hours total) will transfer to some colleges but not to all.*

Seniors who wish to begin acquiring college credit for English composition may enroll in the Early College Experience program offered by Northwest Arkansas Community College. A cumulative grade point average of 3.0 and an ACT score of 19 are requirements. Pre-registration, the payment of tuition, and the purchase of textbooks are also required. Although the primary text is an anthology of literature, the emphasis in this course continues to be on the student's writing academic prose. The student uses the writing process introduced in Composition I using literature as an academic subject for analysis, interpretation, critical appraisal, and research. This course also completes the twelfth-grade English requirement.

<b>MATH</b>
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*See Appendix E: Mathematics Course Sequence Chart*

**431000 Geometry** 1 Year, 1 Geometry Credit  
*Prerequisite: Successful completion of Algebra I*  
*Note: Students must take the Geometry end of course exam and score proficient or complete required remediation in order to receive credit.*

In this course students will develop the language of geometry; identify polygons and their properties; apply properties of congruence, similarity, and inequalities and apply the Pythagorean Theorem and trigonometric ratios to solve problems in real world situations; measure and compare, while using appropriate formulas, tools, and technology to solve problems dealing with length, perimeter, area and volume; analyze characteristics and properties of two- and three-dimensional geometric shapes; specify locations, apply transformations and describe relationships using coordinate geometry.



**43100B Geometry A**, 1 year, 1 Geometry credit  
*Pre-requisite: Successful completion of Algebra I.*

Geometry A is designed for students who have completed Algebra 1, and are recommended to take Geometry over two years. This is the first half of the traditional geometry course described below.

**43100D Geometry B**, 1 year, 1 Geometry credit  
*Pre-requisite: Successful completion of Geometry A*  
*Note: To fulfill the credit requirement in math, if Geometry A is taken, Geometry B **must** be taken. Students will receive 1 credit EACH for Geometry A and for Geometry B (2 total) for CORE graduation. Students must take the Geometry end of course exam and score proficient or complete required remediation in order to receive credit.*

This is the second half of the traditional geometry course. Upon successful completion of Geometry B, students are required to take the end of course (EOC) exam and must score at the proficient level or complete remediation in order to receive credit for Geometry.

**439030 Algebraic Connections 1 Year, 1 Math Credit**  
*Prerequisite: Algebra I and Geometry*

This course satisfies Core graduation requirements. Algebraic Connections is designed for students who have successfully completed Algebra I and Geometry. Algebraic Connections will build on a foundation of previously taught Algebra and Geometry concepts, enlarge upon the development of each concept, and introduce new concepts. Students will be expected to evaluate data, interpret data, analyze linear functions, write and solve equations and inequalities and their systems, and use algebraic, graphical, and numerical methods for analysis. This course will not count as a higher math choice past Algebra II in the Smart Core curriculum but should be followed by Algebra II for students entering college. Algebraic Connections is not a substitute for a course needed to meet requirements for unconditional admission to an Arkansas public college or university.

**432000 Algebra II 1 Year, 1 Algebra II Math Credit**  
*Prerequisite: Successful completion of Algebra I and Geometry*

Algebra II is designed for students who have successfully completed Algebra I and Geometry. Algebra II will build on the basic concepts presented in Algebra I and Geometry to encourage higher order thinking. The students will analyze and apply a variety of methods to model and graph linear and nonlinear equations and inequalities. Students will also use algebraic, graphical, and numerical methods for analysis of quadratic equations and functions, polynomials, rational functions, exponential functions, logarithmic functions, data analysis, and probability. Successful completion of Algebra II will prepare students to take Advanced Algebra with Trigonometry. Successful completion of Algebra II will prepare students to take a higher level math course.

**539900 Math 1204\* College Algebra (12) 1 Semester, ½ Higher Math Credit;** \*(NWACC – 4 college credit hours) Fall or Spring  
*Prerequisite: All students will be required to have a 3.0 GPA and ACT of 21 in math or SAT of 460 in math.*  
*Note: College Algebra is a college courses offered by FHS and NWACC and will count for honors graduation requirement.*

College Algebra provides an overview of the fundamental concepts of algebra. Topics include linear and quadratic equations and inequalities; the Cartesian plane and graphing; using a graphing utility; functions, graphs, and models; polynomial and rational functions; exponential and logarithmic functions; systems of equations, inequalities, matrices, sequences, and series.

**539901 Math 2053\* Finite Math (12) 1 Semester, ½ Higher Math Credit;** (NWACC – 3 college credit hours) Spring only  
*Prerequisite: All students will be required to have a 3.0 GPA and ACT of 24 in math or a grade of “C” or better in College Algebra.*  
*Note: Finite Math is a college courses offered by FHS and NWACC and will count for honors graduation requirement.*

This is a survey and applications course in mathematics designed for business, life science, and social science students. Topics include a review of using a graphing utility, linear model, systems of linear equations, matrices, linear programming, the simplex method, set theory, probability, counting principles, statistics, and finance mathematics.

**43200H Pre-AP Algebra II, 1 Year, 1 Pre-AP Algebra II Math Credit**  
*Prerequisite: Successful completion of Pre-AP Algebra I and Pre-AP Geometry.*

Pre-AP Algebra II is a more rigorous approach to topics in the Algebra II curriculum. Students will study a variety of functions: linear, quadratic, polynomial, exponential, logarithmic and rational. Additional topics such as systems of equations and inequalities, linear programming, graphing in three dimensions, matrices, statistics, complex numbers, and models for data are covered. Students planning to take AP Calculus should take this course.



**433000 PreCalculus/Trig (PreCal) 1 Year, 1 Higher Math Credit**

*Prerequisites: "C" or better in Pre-AP Algebra II or AAT or "A" in regular Algebra II*

This course is intended to prepare students to take AP Calculus AB or Calculus I at the university level. Heavy emphasis will be placed upon trigonometric functions, but other topics covered may include, but will not be restricted to, polynomial functions, rational functions, exponential functions, logarithmic functions, conics, sequences, series, vectors, polar coordinates, and limits.

**439090 Statistics (11,12) 1 Year, 1 Higher Math Credit**

*Prerequisite: Successful completion of Algebra II*

This course provides an introduction to the topics of data analysis, designing experiments and studies, probability, and drawing conclusions or making predictions using data. The course will utilize student experiments, calculator or computer generated data, and manipulatives, along with written analysis of results. Most colleges require a subject-level statistics course for non-math or science majors. Statistics prepares students for that college course. It also will help students become knowledgeable about the uses and misuses of data in society today.

**439010 Advanced Algebra with Trigonometry (AAT) 1 Year, 1 Higher Math Credit**

*Prerequisite: "C" or better in Algebra II*

Advanced Algebra with Trigonometry is intended to build on Algebra 2 to bring about a deeper understanding and prepare students for college algebra and trigonometry. Numerical and graphical representations, including the use of technology, are required. Applications to real life situations are used in all units. Ongoing emphasis is placed on helping students develop study skills and time management that are critical for success in college.

**Advanced Placement (AP) courses are located in the AP elective course offerings. See descriptions beginning on page 46.**

**SCIENCE**

*See Appendix F: Science Course Sequence Chart*

**420000 Biology (10) 1 Year, 1 Biology Credit**

*Note: Students must take the Geometry end of course exam and score proficient or complete required remediation in order to receive credit.*

This course is a survey of major concepts in modern biology. The dominant theme of the course is relationships between living organisms and their environment. By the end of this course, students should be able to distinguish between different plant and animal groups and will have gained an understanding of behavior, genetics, reproduction, and physiology. Students will conduct scientific investigations in the laboratory and on field trips to the Lake Fayetteville Environmental Study Center. Students are required to take the end of course (EOC) exam and must score at the proficient level or complete remediation in order to receive credit for Biology.

**42000P Pre-AP Biology (10) 1 Year, 1 Biology Credit**

*Prerequisite: Successful completion of Physical Science and Algebra I is **strongly** recommended.*

*Note: A **summer assignment** is required. Students and parents will sign a class expectations contract before enrolling in this class.*

*Students must take the Biology end of course exam and score proficient or complete required remediation in order to receive credit.*

**SUMMER ASSIGNMENT:** *The assignment will be announced in May. Transfer students may pick this assignment up in the main office of Fayetteville High School. The assignment needs to be turned in to the FHS office no later than the first day of school.*

Primarily designed for two groups of students, those who plan to take AP Biology in high school and those who wish to take a course offering a greater challenge than regular biology, Pre-AP is a good option for a wide array of students. Completion of a science project and entry in the local science fair are a mandatory part of the course. Students are expected to demonstrate an above average interest in the life sciences and exhibit exemplary behavior in the classroom and laboratory. The course will cover all the Biology I curriculum as well as additional material. The laboratory experiences are designed to both prepare students for the rigor of the AP Biology labs and provide hands-on inquiry based learning experience. Students are required to take the end of course (EOC) exam and must score at the proficient level or complete remediation in order to receive credit for Biology.

**52003A AP Biology** (10,11, 12) 1 Year, 1 Science Credit

*Prerequisite: Successful completion of Biology and Chemistry or Biology and concurrent enrollment in Chemistry is strongly recommended. A summer assignment is required for this class.*

**SUMMER ASSIGNMENT:** *The assignment will be handed out in May by the AP Biology teacher. Transfer students may pick this assignment up in the main office of Fayetteville High School. The assignment needs to be turned in to the FHS office by the first day of school.*

AP Biology is recommended for all college bound students, not just those pursuing a science related degree. Many universities have a biology requirement for students and this is a great way for students to obtain credit, placement or additional preparation for that requirement. The course requires a good deal of laboratory work. There are 12 lengthy labs required by the College Board as well as additional labs during the course. In addition to the labs we will take field trips to Lake Fayetteville where we complete two of the labs and additional trips to see an electron microscope and an atomic force microscope. The curriculum includes biochemistry, cell structure, cellular energy, heredity, molecular genetics, evolutionary biology, diversity of organisms, plant and animal structure, and ecology. The entire course outline may be examined by obtaining a copy from the instructor or by going on-line to the AP Central website.

**424030 Anatomy/Physiology** (11, 12) 1 Year, 1 Science Credit

*Prerequisite: Successful completion of Biology.*

*Note: A lab fee of \$10 will be necessary to buy dissection materials.*

This is a college preparatory course that is heavily lab/activity oriented and designed for those students considering careers in one of the many medical health disciplines (kinesiology, zoology, genetics, nutrition, biochemistry, physical or occupational therapy, physical education, or coach). The course will also benefit any student who wishes to have background knowledge of the human body so that they might have a better understanding of information that doctors and other medical professionals give them. *Due to the large volume of material to be covered, consistent attendance, high motivation, and pre-class preparations are essential for success in the class.*

The class will concentrate on the structure and function of the human body. During class we will look at all of the major organ systems. Evaluation will be based upon participation, laboratory skills, quizzes/tests, and various activities. **Be aware that dissection of a fetal pig is a part of the curriculum and the observation of surgical procedures, and cadaver dissections are also included in the curriculum.**

**420020 Botany/Zoology** (11,12) 1 Year, 1 Science Credit

*Note: This course is designed for those students who want to continue their study of biology and the environment.*

Botany and Zoology will concentrate on the diversity and sustainability of the plant and animal species on earth. Students will explore different plant and animal species, biomes, ecosystems, and the impacts human have on the different environment. Botany and Zoology is set up as a project based, cooperative learning environment, so the students must be willing to work with partners and/or groups successfully to complete assignments. Students will be expected to bring materials for projects.

**421000 Chemistry (10, 11, 12) 1 Year, 1 Science Credit**

*Prerequisite: Algebra I; "C" or better is recommended.*

Students in this course study the structure, composition and properties of matter, and the chemical changes that matter undergoes. The course is rigorous and is designed to meet or exceed those standards required by the state and for college entrance. Students should expect outside study time to equal class time. It is recommended that only students with a grade of "C" or better for the first semester continue this course for the second semester.

**42100H Pre-AP Chemistry (10, 11, 12) 1 year, 1 science credit**

*Prerequisite: Algebra 1 with a B or better is strongly recommended. There is a summer assignment.*

Pre-AP Chemistry is the new name for Pre-AP Chemistry—the course is the same course as always, and covers structure and composition of matter and chemical changes. Pre-AP Chemistry is not just for students intending to take AP Chemistry. This is the chemistry course for the serious, self-motivated learner desiring a challenging curriculum preparing the student for college level courses as well as Advanced Placement Chemistry.

We cover all areas of chemistry addressed in a freshman level college chemistry course. Material is covered at a brisk pace with new concepts and problem solving techniques presented daily. Study time varies substantially depending on the student. You are expected to get the summer assignment and meet with the instructor before leaving school for the summer.

**52103A AP Chemistry (11,12) 1 year, 1 Science credit**

*Prerequisite: Pre-AP Chemistry--students with Standard Chemistry should consult the instructor before enrolling in AP Chemistry.*

*Note: There is a **summer assignment**.*

AP Chemistry is designed to be the equivalent of a freshman level college chemistry course. In many regards it will exceed most freshman level courses. Problems addressed in AP Chemistry are substantially more challenging than those addressed in Pre-AP Chemistry and require students to synthesize ideas from all areas of chemistry. Students wishing to excel on the AP exam should be prepared to devote five to seven hours per week beyond class time to the course. College credit may be earned with a strong showing on the AP exam. Students must acquire an AP preparation book (Barron's, Princeton, Pearson, or others) that will be used in completing the summer assignment.

**422000 Physics (10, 11, 12) 1 Year, 1 Science Credit**

*Prerequisite: Algebra I, "C" or better in both semesters and credit or enrollment in Algebra II is recommended.*

*Note: Recommended for the college-bound student or for those considering a technical career.*

Physics is the most fundamental science and an important foundation course for many career paths, including engineering, computer science, architecture, and medicine. Physicists attempt to answer questions of great diversity: Why is the sky blue? What happens to an astronaut traveling at the speed of light? These topics will be covered (time permitting): motion, force, waves, gravitation, rotation, momentum, energy, special relativity, electricity, magnetism, light, optics, and sound. We will work for a conceptual understanding of physics along with a mathematical justification. This means you will have to think in this class. Physics students should have a solid background in algebra, as it will be used regularly. Work outside of the classroom, reading, problem solving, or doing independent research will be required. Significant class time will be spent in hands-on labs involving computer- and calculator-based lab equipment.

**52203A AP Physics B (10, 11, 12) 1 Year, 1 Science Credit**

*Prerequisite: Algebra II and concurrent enrollment in Trigonometry or its equivalent or student application.*

This is a college-level physics course incorporating algebra, trigonometry, and vectors. This course is designed for serious, self-motivated, successful science and math students seeking a challenge with the reward of possible college credit. Topics covered will include: motion, force, energy, momentum, circular motion, oscillations, gravitation, heat, fluids, thermodynamics, electricity, magnetism, waves (including sound), optics, modern physics, atomic physics, and nuclear physics. Students who complete this course could enroll in APPC in future years if time allows before matriculation. College credit may be earned with an acceptable score on the AP Physics B exam.

**52204A AP Physics C (10, 11, 12) 1 Year, 1 Science Credit**

*Prerequisite: Trigonometry/Analysis or its equivalent and either credit or concurrent enrollment in Calculus or student application.*

This course is intended for students who truly enjoy math and science. In other words, this is a course intended for students planning scientific or engineering careers. AP credit in this course is accepted for physical science and engineering majors at most universities. Motion, force, energy, momentum, oscillations, gravitation, electricity, and magnetism will be covered, but in greater depth and with more mathematical sophistication than other physics courses. Calculus will be applied throughout the course. At the end of the course, students may choose to take the APPC Mechanics test, the APPC Electricity and Magnetism test, or both. This course usually concentrates on Mechanics, but it is possible that some or all of Electricity and Magnetism will be covered. In APPC, student-designed labs will make up the majority of the labs. Students should be prepared to apply calculator-and-computer-based technology to their lab analysis (no prior knowledge expected). College credit may be earned with an acceptable score on the AP Physics C exam.

**Advanced Placement (AP) courses are located in the AP elective course offerings. See descriptions beginning on page 46.**

**SOCIAL STUDIES**

*See Appendix G: Social Studies Sequence Chart*

**470000 American History 1870-Present (10) 1 Year, 1 American History Credit**

This course is a study of American history from post-Civil War days to the present. The major areas of study include the Progressive Era, World War I, the Roaring Twenties, the Great Depression and the New Deal, World War II, the Cold War, Korea, Civil Rights, and Vietnam. Class activities may include map production, oral and written reports, posters, PowerPoint presentations, puzzles, lecture and note taking, film viewing, tapes, completing handouts, and discussing current events.

**113003 American History/American Literature Block (10) 1 Year, 2 Credits (American History and English)**

This year long course for sophomores is an interdisciplinary approach to the study of American History and American Literature. Students will study the historical and literary significance of events, people and eras, and will gain an understanding of both literary and historical perspectives. Teachers actively engage students in lecture, discussion, research, reading, note-taking, writing, current events, and student presentations.

**113102 AP U.S. History / Pre-AP English 10 Block ) 1 Year, 2 Credits (American History and English)**

*Prerequisite:* It is recommended that students take BOTH Pre-AP English 9 AND Pre-AP U.S. Government/Civics and finish both of these with an 'A' or 'B.' Any student who wishes to take the more challenging course and is willing to abide by course guidelines is eligible for the class.

*Note:* A **summer assignment** is required for this class. Students will be required to purchase a review text for this class. (See teacher web site for specific details.). Students must be committed to the extra workload that this course requires. College credit may be earned with an acceptable score on the AP U.S. History exam.

This year-long course for sophomores offers an extensive interdisciplinary approach to the study of American history and American literature from the Colonial Period to recent America for the student who has exhibited a high level of interest, dedication, and aptitude for previous language arts and social studies. Students will study the historical and literary significance of events, people and eras, and will gain an understanding of both literary and historical perspectives. Teachers actively engage students in lecture, discussion, research, reading, note-taking, writing, current events, and student presentations. In addition, these classes focus on developing the critical thinking, reading, and writing skills that will prepare students for the A.P. US History exam and future AP classes. Weighted credit is given only for the AP U.S. History portion of this course.

**57204A AP US Government and Politics (11, 12) 1 Year, 1 Civics/American Government Credit**

Has the media been shortchanging the public in its political reporting? Why is it so hard to get clear answers from politicians? Explore this and other questions in AP United States Government, a year-long course which will give you the inside track on successful completion on the AP examination for college credit. Studies will cover the Constitution, Civil Rights, and the mechanisms of government in America. Students will obtain insight into how social, economic and foreign policy is made while learning logical reasoning and technical writing skills necessary for success in college and afterward. Although there are no prerequisites, students who have successfully completed American History or Advanced Placement United States History find the course substantially easier to handle. Students are expected to read homework assignments nightly and come to class prepared to discuss materials covered in the light of current events. College credit may be earned with an acceptable score on the AP US Government and Politics exam.

**471000 World History (11,12) 1 Year, 1 World History Credit**

This course is a full year course designed to provide students with a survey of the significant political, social, religious, and economic events that have shaped our world from ancient times to the 21<sup>st</sup> Century. Students enrolled in World History will be expected to participate in the class in a number of different ways, including, but not limited to, note taking, group work, writing assignments, and class projects. Students' primary resource for this class will be their assigned text as well as any outside readings provided by the instructor.

**57102A AP World History (11, 12) 1 Year, 1 World History Credit**

*Note:* Each student will need to purchase *The Princeton Review Cracking the AP World History Exam (2012 ed)* for approximately \$20.

College credit is possible for this comprehensive study of world history. Students who do well on the national AP exam may be awarded 3 to 6 hours college credit depending on the guidelines of the university that they attend. The course covers 8000 B.C.E. to the present. Approximately 30% of the coverage is devoted to Europe and the Western World. The remaining 70% explores Asian, African, and Latin American histories. Reading, writing, and thinking skills are developed through both primary and secondary source readings. Students will investigate comparison, continuities, and changes that characterize the regions of the world. This is a class for motivated students who should expect to spend 30 to 45 minutes per night on class preparation. Writing essays is a major component of the course.

**472100 Civics/American Government (12) 1 Year, 1 Civics/American Government Credit**

This course is a combination of American Government (fall semester) and Street Law (Spring Semester). Survey of government and politics of the United States, including an introduction to comparative systems and current events encompasses this course. Major topics include Constitutional foundations of American government, Federalism, the formal/informal institutions of government, civil rights and liberties, and public policy. Students will explore the concept of citizenship and the role they can play in their governmental system. This course will satisfy the American Government/Civics graduation requirement. The Street Law portion allows students to explore a wide range of legal principles necessary for understanding adult life in the United States and to understand their practical application. This course is recommended for seniors. Using a textbook, guest speakers, the Internet, class discussion and simulation activities, students will explore practical elements of the criminal justice system, know how criminal and civil trials are conducted, learn what things are necessary to make a binding contract, understand how and why our justice system holds persons criminally or civilly liable for acts and omissions, know their rights and responsibilities in leasing an apartment or buying a car, understand the relationship between an employer and employee and how government has affected that relationship. This course will satisfy the American Government/Civics graduation requirement.

**472000 Civics (10, 11, 12) 1 Semester, ½ Civics Credit**

Note: Civics satisfies the graduation requirement only for those choosing not to graduate under the Smart Core standards, or for students graduating in the year 2014 or later.

This course is a survey of government and politics of the United States including an introduction to political systems used in other countries. Major topics in Civics include Constitutional foundations of American government, Federalism, the formal/informal institutions of government, civil rights and liberties, and public policy. Students will explore the concept of citizenship and the role they can play in their governmental system.

**472200 Civics (12) 1 Year, 1 Civics/American Government Credit**

Note: This course will satisfy the American Government/Civics graduation requirement.

Survey of government and politics of the United States including an introduction to comparative systems and current events encompasses this course. Major topics include Constitutional foundations of American government, Federalism, the formal/informal institutions of government, civil rights and liberties, and public policy. Students will explore the concept of citizenship and the role they can play in their governmental system.

**Advanced Placement (AP) courses are located in the AP elective course offerings. See descriptions beginning on page 46.**

## ADDITIONAL GRADUATION REQUIREMENT OPTIONS

Grades 9-12 unless otherwise specified

### ECONOMICS\*

\*Required for 2014 Graduates and Beyond

**474300 Economics (11, 12) 1 semester, ½ Economics Credit**

Economics is a one-semester course that emphasizes economic fundamentals, microeconomics, macroeconomics, and personal financial management. Students will explore the complex interactions of consumers, producers, capital, land, and labor; as well as the interrelationships among economic, political, and sociological forces at the national level. Additionally, students will examine the relationship between individual choices and the direct influence of these choices on occupational goals and future earnings potential. Economics stresses application, problem-solving, higher-order thinking skills, and use of classroom performance-based, open-ended assessments with rubrics.

### FINE ARTS OPTIONS

**450000 Art I (10, 11, 12) 1 Year, 1 Fine Arts Credit**

Note: There is a \$5.00 fee

Learn the skills and techniques of drawing, painting, clay and sculpture. Apply the “elements of art and principles of design to the creative process. Almost all learning is hands on. Idea development and critical thinking skills are key components to the class. All of these skills relate directly to a range of careers that involve visual components such as architecture, game design, interior design, web design, and of course, artist.

**450030 Art II (10, 11, 12) 1 Year, 1 Fine Arts Credit**

Prerequisite: Successful completion of Art I.

Note: There is a \$25 art supply fee for the class.

This is a Pre- AP course with an emphasis on drawing technique and 2-D design. Projects are designed to give students opportunities to explore selected media and theories in significant depth. Students will be expected to devote substantial time outside of class to assignments. There will be some emphasis on preparing projects for display, and some work may be saved for contests and exhibits. The summer assignment includes 8 observational drawings or paintings of assigned subject matter and two experimental works done in assigned styles.

**450040 Art III (11, 12) 1 Year, 1 Fine Arts Credit**  
*Prerequisite: Successful completion of Art II.*  
*Note: There is a \$25 art supply fee for the class.*

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

**450050 Art IV (11, 12) 1 Year, 1 Fine Arts Credit**  
*Prerequisite: Successful completion of Art III. Students not meeting this prerequisite may still qualify by submitting a portfolio and interviewing with the instructor. There is a **summer assignment**.*  
*Note: There is a \$25 art supply fee for the class.*

Art IV is a full year course. Students are expected to have a mature understanding of the elements of art and principles of design, specifically color theory, balance and composition, accomplishing harmony and unity in a work and how to create a theme across a number of works. Observational and conceptual skills are necessary.

**450060 Art History (10, 11, 12) 1 Semester, ½ Fine Arts Credit**  
Art History is designed to create understanding of the significance of architecture, sculpture, painting and other art forms in the context of history and culture. You will be prepared to hold your own in discussions that examine all art forms critically, analytically, and intellectually concerning their meanings, influences and impact on society. Our focus in Art History will be ancient civilizations, classic civilizations, the Middle Ages and the Renaissance.

Learn the skills and techniques of drawing, painting, clay and sculpture. Apply the “elements of art and principles of design” to the creative process. Almost all learning is hands on. Idea development and critical thinking skills are key components to the class. All of these skills relate directly to a range of careers that involve visual components such as architecture, game design, interior design, web design, and of course, artist.

**450080 Studio Art 2-D (10, 11, 12) 1 Semester, ½ Fine Arts Credit**  
*Prerequisite: Successful completion of Art I and completing a performance contract.*  
*Note: There is a \$5 art supply fee for the class.*

Studio Art 2-D is a one-semester course designed for students who have successfully completed Art I. Studio Art 2-D is a teacher-directed and/or student-directed course in which students further explore, apply, and move toward mastery of the elements of art and principles of design in specific areas of art, such as painting, drawing, printmaking, digital art, photography, mixed media, surface design, or other 2-D media. Student art will demonstrate evidence of complex problem-solving skills, higher order thinking, risk taking, imagination, and innovation. Students will exhibit art and will assemble portfolios that reflect personal growth in media, techniques, processes, and tools used to create complex 2-D compositions. Student compositions will cover a breadth of media and subject matter and will demonstrate successful completion of Studio Art 2-D student learning expectations.

**450090 Studio Art 3-D (10, 11, 12) 1 Semester, ½ Fine Arts Credit**  
*Prerequisite: Successful completion of Art I.*  
*Note: There is a \$5 art supply fee for the class.*

This course will build on knowledge and skills from Art I. You will be creating sculptures, models and useful objects of art in clay, mixed media, and other materials. All projects focus on expressing an idea, thought or message and how to present it in visual 3D forms. Projects involve solving problems that arise in translating ideas into reality and meeting assignment specific goals. Almost all learning is hands on. Be prepared to get a little messy as we further explore, apply and move toward mastery of the elements of art and principles of design.

**452053 A Cappella Choir – Year 3 (Grade 11)** 1 Year, 1 Fine Arts Credit

**452063 A Cappella Choir – Year 4 (Grade 12)** 1 Year, 1 Fine Arts Credit

*Prerequisite: Audition as described below*

*Note: Uniform cost ranges from \$50-\$100 and \$5.00 materials fee. Students must meet AAA Eligibility requirements. Students wishing to enroll in choir who are new to the district or who are not currently enrolled in choir should contact the director at 445-1168 for an audition time.*

A Cappella Choir is an award-winning select mixed chorus that performs a wide variety of challenging music and is composed mainly of juniors and seniors. Students are given the opportunity to grow musically through daily rehearsals and by participation in required events such as concerts, contests, and All-Region Choir auditions.

**451040 Band II (10)** 1 Year, 1 Fine Arts Credit

**451050 Band III (11)** 1 Year, 1 Fine Arts Credit

**451060 Band IV (12)** 1 Year, 1 Fine Arts Credit

*Prerequisite: Band in the previous semester. Students not meeting the prerequisite and students transferring to the district should contact the band director at 445-1185 for an audition appointment or more information.*

*Note: All students must have a 2.0 grade point average as required by the Arkansas Activities Association*

Band offers students the opportunity to improve their musical ability on their instrument while participating in a large performing organization. The band participates in many mandatory concerts, contests, and performances throughout the year. In addition, students have opportunities to play as individuals and in small groups such as jazz ensemble and various honor bands.

**452040 Concert Choir – Year 2** 1 Year, 1 Fine Arts Credit

**452050 Concert Choir – Year 3** 1 Year, 1 Fine Arts Credit

**452060 Concert Choir – Year 4** 1 Year, 1 Fine Arts Credit

Concert Choir is a female chorus that performs a wide variety of choral music. Students are given the opportunity to grow musically through daily rehearsals and by required participation in concerts.

**452041 Men's Select Choir – Year 2** 1 Year, 1 Fine Arts Credit

**452051 Men's Select Choir – Year 3** 1 Year, 1 Fine Arts Credit

**452061 Men's Select Choir – Year 4** 1 Year, 1 Fine Arts Credit

*Prerequisite: Audition as described below.*

*Note: Uniform fee is \$50 and \$5.00 materials fee, and students must meet AAA Eligibility requirements.*

Men's Select Choir is composed mostly of sophomores who perform a wide variety of challenging music. Students are given the opportunity to grow musically through daily rehearsals and by participating in required events such as concerts, contests, and All-Region Choir auditions.

**452042 Women's Select Choir – Year 2** 1 Year, 1 Fine Arts Credit

**452052 Women's Select Choir – Year 3** 1 Year, 1 Fine Arts Credit

**452062 Women's Select Choir – Year 4** 1 Year, 1 Fine Arts Credit

*Prerequisite: Audition as described below*

*Note: Purchase or rental price for dresses ranges from \$60-\$100 and \$5.00 materials fee. Students must meet AAA Eligibility requirements.*

Women's Select Choir is composed mostly of sophomores who perform a wide variety of challenging music. Students are given the opportunity to grow musically through daily rehearsals and by participating in required events such as concerts, contests, and All-Region Choir auditions.

**551010 String Orchestra (10,11,12)** 1 Year, 1 Fine Arts Credit

String Orchestra is a performance group open to students who have some beginning to advanced experience on the violin, viola, cello, or double bass. Emphasis will be placed on improving orchestral and ensemble playing techniques. Students will be required to attend rehearsals and performance outside the regular school day and will have opportunities to play in regional and state contests.

**559100 Fine Arts Drama I (10, 11, 12)** 1 Year, 1 Fine Arts Credit

This is an introductory course to acting, technical theatre, and theatre history. Students will be expected to participate in all classroom drama activities and performances. Areas of emphasis include lectures, discussions, projects, script reading, line memorization, tests, and a one act play production.

**559101 Fine Arts Drama II (10, 11, 12) 1 Year, 1 Fine Arts Credit (Local Credit if already taken Fine Arts Drama I)**

*Prerequisite: Drama or Fine Arts Drama I*

This course is an extension of skills learned in Drama or Fine Arts Drama I. It allows students to explore and experience a more in depth look at theatre and performing arts. This course is designed for students interested in acting, play script analysis, play writing, and play production.

**559800 Stage Management and Design (11, 12) 1 Year, 1 Fine Arts Credit**

*Prerequisite: Fine Arts Drama I or student application.*

The course is a study of the techniques associated with set design, set construction, lighting design, and costume design, set construction, and scene painting techniques. Students will be expected to work on all plays produced at Fayetteville High School.

**Advanced Placement (AP) courses are located in the AP elective course offerings. See descriptions beginning on page 46.**

## **HEALTH**

**480000 Health and Safety (9, 10, 11, 12) 1 Semester, ½ Health Credit**

This course is designed for students who wish to complete the basic health requirements in one semester. Course content is based on a multidimensional approach to wellness as in Comprehensive Health. Topics are accelerated to cover all health standards in one semester.

## **ORAL COMMUNICATIONS OPTIONS**

**414010 Debate I (10, 11, 12) 1 Year, 1 Credit (1/2 Oral Com Credit and ½ Career Focus Credit)**

*Please note the following: All students desiring to enroll in any Debate or Forensics course must sign and follow a behavioral contract. Students disinterested or unable to participate in tournament competition should not enroll. Contact the instructor for a tentative tournament schedule. This course satisfies the Oral Communication graduation requirement.*

This course integrates Oral Communication frameworks in a more intensified study and application of communication theory and skills with the study and practice of theories and strategies in Argumentation and contest Speech and Debate. Students enrolling in this course enjoy the advantages of more advanced and varied presentations, situations, audiences, and evaluations through tournament participation than the ordinary Oral Communication course. 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 should be willing to prepare and compete in Team Policy Debate, Lincoln-Douglas Debate, Controversy, Original Oratory, Extemporaneous Speaking, Student Congress, Mock Trial, and other competitive speaking events. Students must attend at least 2 tournaments per semester to receive credit. The debate/forensic tournaments function as the students' lab. Students are expected to be exemplary representatives of Fayetteville High School in tournament competition.

**414011 Forensics I (10, 11, 12) 1 Year, 1 Credit (1/2 Oral Com Credit & ½ Career Focus Credit)**

*Note: This course satisfies the Oral Communication graduation requirement. Students must compete in at least 2 tournaments per semester to receive credit.*

This course integrates Oral Communication frameworks as a more intensified study and application of communication theory and skills with the study, practice, and presentation of interpretive competitive speaking events such as Interpretation of Prose, Poetry, Drama, Humor, Storytelling, Solo Acting, Duet Acting, Improvised Duet Acting, Readers Theatre, Mime, Words and Music, Original Oratory, and Extemporaneous Speaking. Students must prepare and compete in debate/forensics tournaments throughout the school year. Students disinterested or unable to compete in tournaments should not enroll. Evaluation is based upon demonstrated effort, desire to improve, effective preparation and performance in practice and competition. Students selecting this course must possess self-motivation and self-discipline. Students enrolled in this course are expected to be exemplary representatives of Fayetteville High School in tournament competition. The debate/forensics tournaments function as the students' lab.

**414000 Oral Communications (10, 11, 12) 1 Semester, ½ Oral Communication Credit**

This introductory course is designed to give students an overview of the art of interpersonal communication. Emphasis is placed on an understanding of the elements of communication, verbal and nonverbal communication, language, listening, group discussion and public speaking. Students are expected to complete oral presentations to receive credit. This course satisfies the Oral Communication graduation requirement.



## PHYSICAL EDUCATION OPTIONS

### 585011 Nutrition and Strength Training (10, 11, 12) 1 Semester, ½ P. E. Credit

This course satisfies the Physical Education requirement. The heart of the course will be the weights program. Jogging, exercises, and sports activities will be included on off-days. Students will be evaluated based upon class participation, dressing out, and pre- and post-test skills.

### 485000 Physical Education (10, 11, 12) 1 Year, 1 P. E. Credit

### 485001 Physical Education (10, 11,12) 1 Semester, ½ P.E. credit

This class is designed to help students develop life-long recreational skills. Activities will be determined by student interest. The grade is earned by dressing out, participation and a semester test.

## WORLD LANGUAGES OPTIONS

As language study is cumulative and a student's overall success in the program is contingent upon the successful completion of each semester and level, it is the recommendation of the World Language faculty that any student receiving a failing grade in the first semester of any level should drop the class and retake it the following year.

### 441000 French I (10, 11, 12) 1 Year, 1 World Language or Career Focus Credit

*Note: This course is recommended for students who have grades of a "C" or better in English.*

French I is a basic introduction to the five skills of language: speaking, listening comprehension, reading, writing, and culture. Students learn elementary grammar skills and vocabulary pertaining to such topics as days of the week; months of the year; numbers; telling time; family; ordering in a café; daily activities; likes and dislikes; descriptions of people, things, and places in a French city; buying clothes; and leisure time activities. Emphasis is placed on the application of all grammar and vocabulary skills to speaking and understanding French, as well as writing well-organized paragraphs in the language. Fifteen minutes of homework per night can be expected. French students are encouraged to take advantage of the many extra-curricular opportunities and competitions sponsored by the World Languages department, such as celebrating National French Week and joining the Foreign Language Club. Select students may compete in the AFLTA regional and state language festivals and take the Grand Concours, a national standardized test offered by the American Association of Teachers of French.

### 441010 French II (10, 11, 12) 1 Year, 1 World Language or Career Focus Credit

*Prerequisite: French I.*

*Note: This course is recommended for students who have grades of "C" or better in French I. To satisfy Honors Graduation requirements, students must take two consecutive years of a language.*

French II is a continuation of French I with emphasis on the five language skills: speaking, listening comprehension, reading, writing, and culture. Grammar study is more complex, and vocabulary is expanded to include such topics as school, professions, meals, food, shopping, entertainment, sports, health, and house and home. Emphasis continues to be on applying all grammar and vocabulary skills to conversation and to writing well-organized compositions in French. An average of twenty minutes of homework per night can be expected. French students are encouraged to take advantage of the many extra-curricular opportunities and competitions sponsored by the World Languages department, such as the AFLTA regional and state language festivals and the Grand Concours, a national standardized test offered by the American Association of Teachers of French.

### 541030 French III (10, 11, 12) 1 Year, 1 World Language or Career Focus Credit

*Prerequisite: French II*

*Note: This course is recommended for students who have grades of "C" or better in French II. To satisfy High Honors Graduation requirements, students must take three consecutive years of a language. Third year French students who meet the qualifications will be inducted to the National French Honor Society.*

The emphasis in this course is refinement of the five language skills: speaking, listening comprehension, reading, writing, and culture. Grammar and vocabulary study is continued with an emphasis on oral and written expression. Students read short stories, poetry, and excerpts from the texts; give oral presentations; and watch French films. Cultural topics include French history, art and music. Class discussion in French is a large part of the students' grade as well as test performance and written homework. The class is conducted primarily in French, and an average of twenty-five minutes of homework per night can be expected. French students are encouraged to take advantage of the many extra-curricular opportunities and competitions sponsored by the World Languages department, such as celebrating National French Week and joining the Foreign Language Club. Select students may compete in the AFLTA regional and state language festivals and take the Grand Concours, a national standardized test offered by the American Association of Teachers of French.

**541040 French IV (10, 11, 12) 1 Year, 1 World Language or Career Focus Credit**

*Prerequisite: French III*

*Note: This course is recommended for students with grades of "C" or better in French III. Fourth year French students who meet the qualifications will be inducted to the National French Honor Society and may earn cords for graduation.*

French IV will stress oral and written proficiency and will review French grammatical structures through the study of different types of authentic texts and media (newspaper articles, literary works, formal and informal correspondence, film, radio and televised new reports). Students will be taught and will practice the skills necessary to express themselves adequately, taking into account the audience and the task at hand. We will improve diction and cultural awareness through a study of French poetry and literature. French IV will emphasize fluency in a variety of situations through diverse thematic studies and will concentrate on the specific grammatical and lexical requirements as featured on the AP French language exam. The class is conducted in French and a minimum of twenty-five minutes of homework per day will be required. French IV students are expected to take advantage of all opportunities to perfect their language skills including participation in National French Week activities, taking the Grand Concours, a standardized test offered by the American Association of Teachers of French, and competing in the AFLTA language festival.

**442000 German I (10, 11, 12) 1 Year, 1 World Language or Career Focus Credit**

*Note: This course is recommended for students who have grades of "C" or better in English. **Native speakers** may not take levels I and II of their native language, as it does not address their language needs and cannot be counted towards honors graduation.*

This course is designed to begin the development of oral proficiency, reading and writing. We will emphasize all 5 language skills: listening, speaking, reading, writing and culture. In this course we use traditional language teaching methodology. We provide not only necessary grammatical structure but also a language-rich environment that promotes a more natural acquisition of the foreign language. The focus is communication in German, incorporating an understanding of the German culture. Students are expected to take notes and participate in all daily activities. Grades are based on test and quiz performance, homework, projects and oral interviews.

**442010 German II (10, 11, 12) 1 Year, 1 World Language or Career Focus Credit**

*Prerequisite: German I*

*Note: This course is recommended for students who have grades of "C" or better in German I. **Native speakers** may not take levels I and II of their native language, as it does not address their language needs and cannot be counted towards honors graduation.*

German II is a continuation of the presentation of the basic grammar of the language and culture not covered in German I. In the classroom listening, speaking, reading, and writing skills are further developed with the emphasis on communicative activities. Students must assume more responsibility for mastery of vocabulary than students taking German I. A minimum of twenty minutes of homework per night is required. Grades are based on test and quiz performance, homework, projects, and oral interviews.

**542030 German III (10, 11, 12) 1 Year, 1 World Language or Career Focus Credit**

*Prerequisite: German II*

German III is a Pre-AP course. It is a review of the basic grammar and language and an introduction to advanced structures, poetry, short stories, essays, news articles, and songs. There is increased emphasis on developing reading, writing, and translation skill. Class discussion is primarily in German, but the grammar is taught in English.

**440000 Spanish I (10, 11, 12) 1 Year, 1 World Language or Career Focus Credit**

*Prerequisite: For students with little or no previous Spanish study. This course is recommended for students who have recorded grades of a "C" or better in English.*

*Note: **Native speakers** may not take levels I and II of their native language, as it does not address their language needs and cannot be counted towards honors graduation.*

In Spanish I, students will learn to communicate in Spanish on a variety of topics. They will be able to ask and answer questions about themselves, friends and family, daily activities and pastimes, and possessions. They will be able to accurately express themselves in a variety of situations, such as making introductions, ordering a meal, shopping, socializing with peers, and making plans. To sharpen language skills, class activities will include oral and written practice, individual and group study, and frequent review. Students will learn about the customs and cultures of the Spanish-speaking countries through the use of culturally authentic videos and tapes.

**440020 Spanish II** (10, 11, 12) 1 Year, 1 World Language or Career Focus Credit

*Prerequisite: Spanish I*

*Note: This course is recommended for students who have recorded grades of a "C" or better in Spanish I. **Native speakers** may not take levels I and II of their native language, as it does not address their language needs and cannot be counted towards honors graduation.*

Spanish II is a continuation of the presentation of the basic grammar and vocabulary of the language. Discussion of Hispanic cultures emphasizes Central and South America. Listening, speaking, reading and writing skills are developed with emphasis on communicative activities. Teaching Proficiency through Reading and Storytelling (TPRS) is the method used to increase both listening and speaking proficiency. Students are taught by using storytelling for oral proficiency and by using reading, writing, and listening exercises. Grades are based in quizzes, chapter tests, homework, and projects.

**540030 Spanish III** (10, 11, 12) 1 Year, 1 World Language or Career Focus Credit

*Prerequisite: Spanish II*

*Note: This course is recommended for students who have recorded grades of a "C" or better in Spanish II.*

Spanish III is a proficiency-based course designed to introduce vocabulary and advanced structures through poetry, short stories, news articles, songs, and conversation. Class is conducted predominantly in Spanish; students are expected to speak and participate. The culture of Spain is emphasized, although materials read will come from throughout the Spanish-speaking world. This is a participation class.

**540040 Spanish IV** (10, 11, 12) 1 Year, 1 World Language or Career Focus Credit

*Prerequisite: Spanish III*

*Note: This course is recommended for students who have recorded grades of a "C" or better in Spanish III.*

Students work with the language to develop the following skills: the ability to express and defend points of view in written composition and oral expression, comprehension of oral and written materials in a variety of media, and the ability to interpret unfamiliar words and idioms. Students are expected to write weekly in Spanish, building a large working vocabulary and developing a solid knowledge of grammatical forms. An average of thirty minutes of homework per night is expected. The class is conducted primarily in Spanish. Speaking Spanish and daily participation is expected.

**540100 Spanish for Native Speakers I** (10, 11, 12) 1 Year, 1 World Language or Career Focus Credit

*Prerequisite: The student's first language must be Spanish.*

This course is for the students whose first language is Spanish who need to fine-tune their reading and writing skills. The class will work on proper grammar skills and writing techniques. Reading skills, vocabulary, and spelling will also be improved. This is not a class in conversational Spanish.

**540110 Spanish for Native Speakers II** (10, 11, 12) 1 Year, 1 World Language or Career Focus Credit

*Prerequisite: The student's first language must be Spanish; demonstrate fluency in Spanish.*

This is a continuation of the Level I course. Students will continue to work on their literacy skills, including reading, writing and spelling. Students will be reading and analyzing a variety of literary genres.

## ADVANCED PLACEMENT (AP) ELECTIVES

### Math related AP electives

**53404A AP Calculus AB** 1 Year, 1 Higher Math Credit

*Prerequisite: Successful completion of Algebra II Pre-AP and PreCalculus/Trig Pre-AP or student application.*

This course is an equivalent of college-level Calculus I and is based on College Board guidelines. The concepts developed are limits, continuity, differential calculus, definite and indefinite integrals, and curve sketching. Much emphasis is placed on applications involving velocity and acceleration, rate of change, area, volume of solids of revolution, and optimization problems. College credit may be earned with an acceptable score on the AP Calculus AB exam.

**53405A AP Calculus BC 1 Year, 1 Higher Math Credit**

*Prerequisite: Successful completion of AP Calculus AB or student application.*

This course is an equivalent of college-level Calculus II and is based on College Board guidelines. Extensions of Calculus AB topics are covered, as well as sequences and series, polar coordinates and parametric equations, vectors in the plane, integration of partial fractions, and first order differential equations. College credit may be earned with an acceptable score on the AP Calculus BC exam.

**53903A AP Statistics (11, 12) 1 Year, 1 Higher Math Credit**

*Prerequisite: "B" or better in Algebra II is recommended*

This course is similar to a college level introductory course in statistics. It follows the course outline recommended by the College Board with major emphasis on exploratory analysis, planning a study, probability, and statistical inference. Topics include analysis of data, measures of central tendency and variability, random variables, sampling, confidence intervals, covariance and correlation, central limit theorem, normal curve distribution, and hypothesis testing. Students in AP Statistics will be expected to take an Advanced Placement test in May. Studying statistics would be beneficial for students with interests in engineering, psychology, sociology, health science, and business.

**Social Studies related AP electives****57918A AP Comparative Politics (11, 12) 1 Year, 1 Career Focus Credit (Does not fulfill Government requirement)**

The course will combine case studies of individual countries with consideration of international political forces of democratization, globalization and industrialization. Individual case studies will include Industrialized Democracies (United States, United Kingdom, Communist and former Communist societies (Russia and China) and Developing Nations (Mexico, Egypt, India, Nigeria, and Iran). Students will compare those factors identified in the first half of the course with and between each of the countries studied and the United States. There are no prerequisites, although students who have successfully completed AP US Government or AP World History find the course substantially easier to handle. Students are expected to have read and studied assignments before coming to class, and will receive a class participation score weekly. This course will prepare the student for the Advanced Placement examination in Comparative Politics. College credit may be earned with an acceptable score on the AP Comparative Politics exam.

**57917A AP European History (11, 12) 1 Year, 1 Career Focus Credit**

Note: Students will need to buy an AP European History Review book (approximately \$17.00).

This course will present an analysis of the relationships in European political, social, economic, and intellectual history; an appreciation for the cultural contributions made by those who created our Western heritage; and an awareness of the consequence of European contacts with other areas of the world. Many colleges grant credit and/or exemption from Western Civilization or humanities requirements for satisfactory performance on the national AP European History exam. Students should come away with a thorough understanding of the foundations and institutions of the modern world. College credit may be earned with an acceptable score on the AP European History exam

**57908A AP Human Geography (10, 11, 12) 1 Year, 1 Career Focus Credit**

This social science develops an understanding of where human activities, behaviors, and characteristics on Earth are located; why they are located there, and what meaningful patterns and inter-relationships can be discovered and added to our knowledge about mankind from a spatial perspective. In this one-year course, students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. Topics covered will include the nature, tools, and history of geography, population studies, cultural patterns and processes, globalization and international political and economic comparisons, agricultural uses, industrialization and urban evolution, and environmental issues—all from a global perspective. College credit may be earned with an acceptable score on the AP Human Geography exam.

**57915A AP Macroeconomics/AP Microeconomics (11,12) 1 Year, 1 Career Focus Credit**

Note: Students taking this course are entitled to weighted credit, provided they take both the AP Macroeconomics and AP Microeconomics exams in May. Colleges generally award course credit for acceptable scores on the exams.

The purpose of the AP Macroeconomics course is to give students a thorough understanding of economic principles that apply to the economic system as a whole. The topic of large scale economics (nation-state and above) is enriching on many levels. Topics of relevance include, but are not limited to the following: basic economic concepts, measurement of national performance, national income and price determination, economic growth, international trade, fiscal and monetary policy.

The purpose of an AP microeconomics course is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets, the organization and behavior of firms. Additional areas of focus includes factor markets and of the role of government in promoting greater efficiency and equity in the economy.

**57912A AP Psychology (11, 12) 1 Year, 1 Career Focus Credit**

Advanced Placement Psychology is intended to provide a learning experience equal to an introductory psychology course at the university level. This class is designed to follow the course outline recommended by the College Board and focuses on the following subcategories of study: theories of personality, biological basis of behavior, sensation and perception, learning and memory, psychological disorders and therapies, motivation and emotion, research methods, human development, social psychology and cognition and language. College credit may be earned with an acceptable score on the AP Psychology exam.

**Science related AP electives**

**52003A AP Biology = see description in Science section beginning on page 36.**

**2303A AP Environmental Science (11, 12) 1 Year, 1 Science Credit**

*Prerequisite:* Successful completion of Biology and Chemistry or Physics **OR** successful completion of Biology and concurrent enrollment in Chemistry or Physics and at least one year of Algebra **is strongly recommended.**

*Note:* Although AP Environmental Science is less mathematical than Chemistry or Physics, it nonetheless has quantitative components. Students need to know how to use scientific notation, work with units, use ratios and proportions, do percent calculations, read and interpret graphs, and employ logical and deductive reasoning. **Students will complete a summer assignment. There is a \$10 charge for the required laboratory notebook**

Advanced Placement Environmental Science is equivalent to an introductory college course in environmental science. The goal of this course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the risks associated with these problems, and to examine alternative solutions for resolving or preventing them. The following themes provide a foundation for the structure of the AP Environmental Science class: science is a process, energy conversions underlie all ecological processes, the Earth itself is one interconnected system, humans alter natural systems, environmental problems have a cultural and social context, and human survival depends on developing practices that will achieve sustainable systems. This course includes a strong laboratory and field investigation component. College credit may be earned with an acceptable score on the AP Environmental Science exam

**52103A AP Chemistry (11,12) 1 year, 1 Science credit - see description in Science section beginning on page 36.**

**422000 Physics (10, 11, 12) 1 Year, 1 Science Credit - see description in Science section beginning on page 36.**

**52203A AP Physics B (10, 11, 12) 1 Year, 1 Science Credit - see description in Science section beginning on page 36.**

**52204A AP Physics C (10, 11, 12) 1 Year, 1 Science Credit - see description in Science section beginning on page 36.**

**World Language related AP electives**

**54106A AP French Language and Culture (11,12) Year, 1 World Language or Career Focus Credit**

*Prerequisite:* French IV or student application

*Note:* This course is recommended for students with grades of "C" or better in French IV or "B" or better in French III.

The AP French Language and Culture course is the culmination of the French program at Fayetteville High School. In the AP French Language and Culture course, students further develop their language skills through research and presentations as well as by the study of French films, and the exploration of contemporary and historical literature. Students will demonstrate an understanding of the francophone culture, incorporate interdisciplinary topics and make comparisons between the native language and the target language and between cultures. To promote fluency, the class is conducted exclusively in French. Thirty-five minutes minimum of homework per day will be required. Grades are based on written and oral assignments, classroom discussions, and performance on tests. College credit may be earned with an acceptable score on the AP French Language and Culture exam. AP French students are expected to take advantage of all opportunities to perfect their language skills including participation in National French Week activities, taking the Grand Concours, a standardized test offered by the American Association of Teachers of French, and competing in the AFLTA language festival. AP French students who meet the qualifications will be inducted to the National French Honor Society and may earn cords for graduation.

**54206A AP German Language and Culture (11, 12) 1 Year, 1 World Language or Career Focus Credit**

*Prerequisite:* German III

AP German is intended for students with a strong background in German who wish to develop their written and oral communication skills. It reinforces the development of vocabulary and grammatical structure, the understanding of spoken German in various conversational settings, the reading of non-technical writings without the use of a dictionary, and the expression of accurate and fluent oral and written German. Students will write several compositions and complete oral interviews on a regular basis. Class discussion is conducted primarily in German. Grades are based on test and quiz performance, homework, projects, and oral interviews. Attendance at "Stammtisch" is

suggested. Students are required to take the AATG National German Exam (\$6). College credit may be earned with an acceptable score on the AP exam.

**54007A AP Spanish Language and Culture** (11, 12) 1 Year, 1 World Language or Career Focus Credit

*Prerequisite: Spanish IV or student application*

*Note: This course is recommended for students who have recorded grades of a "C" or better in Spanish IV.*

This course prepares students for the AP Spanish Language exam given in May. The course curriculum focuses on grammar, reading, comprehension, and extensive vocabulary review. Students will also study Hispanic art and literature. The class is conducted primarily in Spanish. Forty-five minutes minimum of daily homework is required to complete extended outside independent reading and vocabulary assignments. Summer reading assignment is required. College credit may be earned with an acceptable score on the AP Spanish Language exam.

**Other/Fine Arts related AP electives**

**56005A AP Computer Science** (10, 11, 12) 1 Year, 1 Career Focus Credit

*Prerequisites: Algebra I - "C" or better with recommended concurrent enrollment in Algebra II or higher math.*

AP Computer Science A is an introductory course built in part on the development of computer programs to correctly solve given problems. The course serves as an introductory course for students who may wish to major in computer science or for those students whose career will require significant involvement with technology. The programs being used are understandable, adaptable and when appropriate reusable. Students will be exposed to object-oriented programming methodology, using JAVA, with an emphasis on problem solving. Techniques used are found in web applications, video games as well as the business environment. College credit may be earned with an acceptable score on the AP Computer Science Exam.

**55901A AP Music Theory (11, 12)** 1 Year, 1 Fine Arts Credit

*Prerequisite: Concurrent enrollment in band, choir, or student application.*

Music Theory is a full year course designed to provide music students with fundamental written and aural skills in preparation for their continuing music studies. These skills include the ability to translate sounds into musical notation (dictation) and the ability to translate musical notation into sounds (sight-singing). In addition, students will begin to acquire some of the basic language necessary for speaking intelligently and analytically about music and its structure. This course is designed for students who plan to continue with music at the college level. Students should also be concurrently enrolled in a music class (band or choir) or have an extensive musical background. Students not concurrently enrolled in band or choir should see Mr. Harper for an application before CAP Conferences. Enrollment is limited to 16 students per year. College credit may be earned with an acceptable score on the AP Music Theory exam.

**55904A AP Studio Art** (11,12) 1 Year, 1 Fine Arts Credit

*Prerequisite: Successful completion of Art III or Art IV. Students not meeting this recommendation may still qualify by submitting a portfolio and interviewing with the instructor.*

*Note: There is a **summer assignment**. There is a \$25 art supply fee.*

The AP Studio course requires that students have projects in-progress both in the studio and at home at all times. The first semester is devoted to the Breadth section of the AP portfolio. Various media will be used and it is expected that the student will have previous experience with a wide range of media. The second semester is devoted to the Concentration section of the portfolio. During this section students will explore in depth a specific theme or genre of art. There are additional requirements of exhibit reviews. College credit may be earned with an acceptable score on the AP Studio Art Portfolio. Full texts of the summer assignments will be posted on the FHS homepage at the end of the spring semester.

**SELECTIVE ENROLLMENT ELECTIVES**

**AVID**

**591020 AVID II (10) 1 Year, 1 Credit**

*Prerequisite: AVID I*

*Note: Recommendation and Application*

The Advancement Via Individual Determination (AVID) is an elective class with the overall goal to prepare students with a 2.0-3.5 GPA for four-year college eligibility. This course provides support for the successful completion of pre-AP course(s) through tutorial support,

writing instruction, reinforcement of study skills, time management techniques, and motivational activities. AVID students learn to work cooperatively as a support system for each other and form a trusted core of dedicated students to rely upon. Students will gain confidence in their own abilities while learning to assist their peers.

## **COMMUNITY SERVICE LEARNING**

**49601S Community Service Learning (11,12)** 1 Year, 1 Career Focus Credit (Students can only receive one (1) credit for this course)  
Community Service Learning is students learning and development through active participation in thoughtfully organized service experiences that meet real community needs and that are coordinated in collaboration with the school and community. The service learning is integrated into the students' academic curriculum and provides structured time for them to talk, write, and think about what they did and saw during the actual service activity.

**496010 Dawg Crew Community Service Learning (11,12)** 1 Year, 1 Career Focus Credit  
*Prerequisite: Summer orientation and application process*  
Note: Students can only receive one (1) credit for this course during their school career

Students must go through an application process in the spring and be a part of a summer Sophomore Orientation. Students will work as a class to enhance school atmosphere and build community at Fayetteville High School. Students will follow Service Learning guidelines for service hours, portfolios, and projects. Students must follow application process in previous spring semester and be in attendance at Sophomore Orientation in August to be eligible for the course.

**49601B Library Community Service Learning (10,11,12)** 1 Year, 1 Career Focus Credit  
*Note: Students can only receive one (1) total credit for this course. Those interested will interview with librarians. A 'B' average, teacher recommendation, and good attendance are recommended.*

The student library aides will learn to assist the librarians in organizing and maintaining the library as well as assist library users in locating materials. The goal of this on-the-job training is to develop abilities applicable to any job requiring good communication skills, organizational skills, and attention to detail, consistency, self-motivation, dependability, and customer service. These skills are also of benefit to those students moving on to a higher education experience before entering the world of work. The FHS Library Service Learning course must reflect a minimum of 100 hours of service. If the student has excessive absences that result in fewer than 100 hours earned during class time, that student must complete the 100 hours on their own time.

## **CRITICAL READING**

**519110 Critical Reading (10,11)** 1 Year, 1 Career Focus Credit  
*Note: Students are recommended for this class by teachers*

This course is designed to dramatically accelerate reading growth by strengthening comprehension outcomes in high school grades. In a context of meaningful content, on-going assessment, and focused explicit instruction, students will evaluate literary and informational texts and multicultural literature of diverse formats (e.g., print media, Web-based texts, literary and informational books and articles) and genres. In addition, students will engage in learning events tied to a variety of literary and informational texts with increasing complexity. Additionally, students will demonstrate competencies through purposeful applications based on individual and collective literary goals.

## **LITERARY MAGAZINE**

**119100 Literary Magazine I (10)** 1 Year, 1 Career Focus Credit  
*Note: Ninth grade students will receive applications in their English classes and should send applications to the high school. Staff will review applications and select students to interview. Students will be notified of appointments for interviews. Fund-raising projects and production deadlines may demand after-school hours.*

Staff members will publish *Connotations*, the high school's literary magazine. They will participate in all phases of the production process: writing, editing, evaluation, design, promotion, and sales. Enrollment in AP English Language and Composition or Creative Writing is advised for all staff members.

**119200 Literary Magazine II (11)** 1 Year, 1 Career Focus Credit  
*Note: Staff will review applications and select students to interview. Students will be notified of appointments for interviews. Students interested in being on the Literary Magazine staff must pick up an application in Room 2306. Fund-raising projects and production deadlines may demand after-school hours.*

Staff members will publish *Connotations*, the high school's literary magazine. They will participate in all phases of the production process: writing, editing, evaluation, design, promotion, and sales. Enrollment in AP English Language and Composition or Creative Writing is advised for all staff members.

**119300 Literary Magazine III** (12) 1 Year, 1 Career Focus Credit

*Note: Staff will review applications and select students to interview. Students will be notified of appointments for interviews. Students interested in being on the Literary Magazine staff must pick up an application in Room 2306. Fund-raising projects and production deadlines may demand after-school hours.*

Staff members will publish *Connotations*, the high school's literary magazine. They will participate in all phases of the production process: writing, editing, evaluation, design, promotion, and sales. Enrollment in AP English Language and Composition or Creative Writing is advised for all staff members.

**JOURNALISM**

Journalism is a pathway recognized by Arkansas Career and Technical Education in the **Film & Television, Journalism and Photography** department. Upon successful completion of **three** units of credit within the Journalism pathway of courses, students become **'Career Education Scholars/Completers.'** Students are awarded a completer honor chord to wear at graduation, recognized in a special ceremony and are given a certificate and gold seal from the state of Arkansas. Additional information can be found at: [www.fayar.net/ce](http://www.fayar.net/ce).

**Journalism Pathway (3 Total Credits)**

Course Code	Core Requirements	Units Of Credit
493680	Fundamentals of Journalism	1
493690	Intermediate Journalism	1
493700	Advanced Journalism	1

**493680 Fundamentals of Journalism (10,11,12) 1 Year, 1 Career Focus Credit**

This core program is designed to develop technical skills in preparation for a career in journalism. Students will examine ethical and legal issues, and content, and will write several news-style stories. Furthermore, students will examine how news media make decisions about programing and production of stories, advertisements, and publications. Career opportunities are discussed along with actually building an advertisement and designing page layouts on computers.

**49369N Intermediate Journalism – Newspaper (10) 1 Year, 1 Career Focus Credit**

*Prerequisite: Journalism preferred and student application required. Please see instructor for an application and teacher recommendation forms. The course instructor and a review board of students will review each student's application.*

Students publish *Register*, the FHS newspaper. Advanced methods and techniques for writing, editing, organizing, designing, and financing a newspaper are taught by producing the 24-page monthly newspaper. Willingness to learn to use Mac computer design techniques is expected. Out-of-class time will be required to meet deadlines, which are strictly enforced.

**49369Y Intermediate Journalism – Yearbook (10-12) 1 Year, 1 Career Focus Credit**

*Prerequisite: Students must take Fundamentals of Journalism and/or complete a student application. Please see the instructor for application information. Each student's application will be reviewed by the course instructor.*

This core program is designed to develop high level technical skills in preparation for a career in journalism. Staff members will publish the *Amethyst*, the school's yearbook. Advanced methods and techniques for writing, editing, organizing, designing, and financing yearbooks are taught. A willingness to see advertising and to learn to use computers is expected. Out-of-class time may be required to meet yearbook deadlines. These deadlines are strictly enforced.

**49370N Advanced Journalism – Newspaper (11) 1 Year, 1 Career Focus Credit**

*Prerequisite: Journalism preferred and student application required. Please see instructor for an application and teacher recommendation forms. The course instructor and a review board of students will review each student's application.*

Students publish *Register*, the FHS newspaper. Advanced methods and techniques for writing, editing, organizing, designing, and financing a newspaper are taught by producing the 24-page monthly newspaper. Willingness to learn to use Mac computer design techniques is expected. Out-of-class time will be required to meet deadlines, which are strictly enforced.



**49370Y Advanced Journalism - Yearbook** (11-12) 1 Year, 1 Career Focus Credit

*Prerequisite: Students must take Fundamentals of Journalism and/or complete a student application. Please see the instructor for application information. Each student's application will be reviewed by the course instructor.*

This independent project-based program is designed to allow the student to master the knowledge and skills needed to begin a successful journalism career. Staff members will publish the *Amethyst*, the school's yearbook. Advanced methods and techniques for writing, editing, organizing, designing, and financing yearbooks are taught. A willingness to see advertising and to learn to use computers is expected. Out-of-class time may be required to meet yearbook deadlines. These deadlines are strictly enforced.

**59013N Newspaper Lab (12)** 1 Year, 1 Career Focus Credit

*Prerequisite: Journalism preferred and student application required. Please see instructor for an application and teacher recommendation forms. The course instructor and a review board of students will review each student's application.*

Students publish *Register*, the FHS newspaper. Advanced methods and techniques for writing, editing, organizing, designing, and financing a newspaper are taught by producing the 24-page monthly newspaper. Willingness to learn to use Mac computer design techniques is expected. Out-of-class time will be required to meet deadlines, which are strictly enforced.

**59013Y Yearbook Lab (12)** 1 Year, 1 Career Focus Credit

*Prerequisite: Journalism I and student application required. Please see the instructor for application information. Each student's application will be reviewed by the course instructor.*

This production-based program is designed to allow the journalism student time for the development of skills needed to execute a comprehensive journalism career. Staff members will publish *The Amethyst*, the school's yearbook. Advanced methods and techniques for writing, editing, organizing, designing, and financing yearbooks are taught. A willingness to sell advertising and to learn to use computers is expected. Out-of-class time may be required to meet yearbook deadlines. Deadlines are strictly enforced.

**ORGANIZED PHYSICAL ACTIVITY (FORMERLY ATHLETICS)**

- **Students will receive ½ Physical Education (P.E.) Credit and ½ Organized Physical Activity Credit in the classes beginning with "585."**
- Students who take an Organized Physical Activity class more than one year will only receive local credit in Organized Physical Activity during the additional years and will receive a grade of "Pass" or "Fail" for the class.

58502D	Baseball	Team Baseball (Men) – meets all year
58502H	Baseball	Team Baseball Sophomore – meets all year
585022	Basketball	Team Basketball (Men) – meets all year
585027	Basketball	Team Basketball (Sophomore Boys)– meets all year
585023	Basketball	Team Basketball (Women) – meets all year
585025	Basketball	Team Football (Sophomore) – meets all year
585026	Basketball	Team Basketball (Sophomore Girls) - meets all year
585026	Basketball	Team Fundamentals of Basketball – meets all year
58502K	Cheer	Team Cheer – meets all year
58502L	Cheer JV	Team Cheer JV – meets all year
58502F	Cross Country	Team Cross Country – meets all year
58502M	Dance	Team Dance – meets all year
58502N	Dance JV	Team Dance JV – meets all year
585021	Football	Team Football Varsity– meets all year, <b>except seniors will meet fall only</b>
58502C	Golf	Team Golf – meets all year, except for seniors
585028	Soccer	Team Soccer (Women) (can be either a full year/ spring semester. Indicate choice on course request)
585029	Soccer	Team Soccer (Men) – meets all year
58502B	Softball	Team Softball (Women) – meets all year
58502E	Tennis	Team Tennis – meets all year
585024	Track	Team Track - meets all year
58502S	Swimming	Team Swimming – meets all year
58502A	Volleyball	Team Volleyball (Women) – meets all year
58502J	Volleyball	Team Volleyball (Sophomore Women) – meets all year
58502G	Wrestling	Team Wrestling - meets all year

# PRIORITY ELECTIVES

## AGRICULTURE SCIENCE AND TECHNOLOGY

The **Agriculture Science and Technology department** at FHS offers four pathways recognized by Arkansas Career and Technical Education. Upon successful completion of **three** units of credit within a set pathway of courses, students become **"Career Education Scholars/Completers."** Students are awarded a completer honor chord to wear at graduation, recognized in a special ceremony and are given a certificate and gold seal from the state of Arkansas. Additional information can be found at: [www.fayar.net/ce](http://www.fayar.net/ce). The following pathways are approved and provided at FHS through our Small Learning Community Programs of Study.

### Agribusiness Systems Pathway (3 Total Credits)

Course Code	Core Requirements	Units Of Credit
491150	Agricultural Science and Technology	1
491030	Agricultural Business	.5
491060	Agricultural Marketing	.5
	*Additional Agriculture Elective	1

\*EAST I may be used in place of Additional Agriculture Elective for 1 Unit of Credit

### Animal Systems Pathway (3 Total Credits)

Course Code	Core Requirements	Units Of Credit
491150	Agricultural Science and Technology	1
491180	Animal Science	.5
491200	Biological Animal Science	.5
	*Additional Agriculture Elective	1

\*EAST I may be used in place of Additional Agriculture Elective for 1 Unit of Credit

### Plant Systems Pathway (3 Total Credits)

Course Code	Core Requirements	Units Of Credit
491150	Agricultural Science and Technology	1
491340	Plant Science	.5
491210	Biological Plant Science	.5
	*Additional Agriculture Elective	1

\*EAST I may be used in place of Additional Agriculture Elective for 1 Unit of Credit

### Power, Structural, and Technical Systems Pathway (3 Total Credits)

Course Code	Core Requirements	Units Of Credit
491150	Agricultural Science and Technology	1
491390	Agriculture Mechanics	1
	*Additional Agriculture Elective	1

\*EAST I may be used in place of Additional Agriculture Elective for 1 Unit of Credit

### 491150 Agriculture Science & Technology (9, 10, 11, 12) 1 Year, 1 Career Focus Credit SLC: C.R.E.W., F.A.C.E., AND G.E.M.

This is an introductory course covering a wide variety of topics in agriculture. The course is designed to present a broad spectrum of topics in agriculture science, leadership, and mechanics. Areas covered include animal science, plant science, food science, natural resources, Ag business, and FFA. Students also do hands-on skills in the areas of woodworking, electricity, plumbing, and small gas engines. Students are required to keep a notebook, participate in class activities, and master a wide range of skills.

### 491030 Agriculture Business (10,11,12) 1 Semester, ½ Career Focus Credit SLC: C.R.E.W. and G.E.M.

This course provides students with a basis for making effective decisions, setting goals, assessing and solving problems, evaluating the management of resources, and gaining skills useful in everyday life. FFA and SAEs will be covered as well. Emphasis is placed on project based learning, practical math, literacy, and workplace skills that can be useful to anyone. Agriculture is one of our nation's largest employers.

- 491040 Agricultural Electricity** (10, 11, 12) 1 Semester, ½ Career Focus Credit  
**SLC: G.E.M.**  
 Students will cover electrical terms, careers, sources, tools, and practical wiring. Students will learn to read plans and wire according to plan. They will use hands-on activities and safety will be stressed. This course is designed to provide the student with a quality understanding of the use of electricity on farms and residences. Students will cover a wide variety of topics including safety with electricity, terminology, wiring skills, the National Electric Code, wiring planning, electronics, and job opportunities. Students are required to keep a notebook and perform skills related to the job of an electrician.
- 491060 Agriculture Marketing** (10,11,12) 1 Semester, ½ Career Focus Credit  
**SLC: C.R.E.W. and G.E.M.**  
 This course will cover all aspects of marketing agricultural products and services from wholesale to retail, including futures markets, international marketing, and the role of agricultural products and services in the U.S. and world economies. Agricultural Marketing can help a student improve skills to be prepared for the future. Marketing is a very important part of all companies that deal with agricultural products, including major retailers such as Wal-Mart and Tyson.
- 491390 Agricultural Mechanics** (10, 11, 12) 1 Year, 1 Career Focus Credit  
**SLC: F.A.C.E. and G.E.M.**  
 This course connects scientific principles with mechanical skills. This course will enhance the student's understanding of traditional areas of agriculture mechanics and will emphasize agricultural technology, including such topics as electricity, internal combustion engines, metal technology, construction, and the development, role, and scope of mechanical technology in agriculture. Students are expected to keep a notebook, complete unit test and complete a wide range of shop skills with a strong emphasis on safety.
- 491380 Agricultural Metals** (10, 11, 12) – Welding 1 Year, 1 Career Focus Credit  
**SLC: F.A.C.E**  
 Basic and advanced welding concepts of gas and arc welding are taught for mild steel. Students will also learn basics of cold metalworking, sheet metal, and tool fitting, aluminum, and stainless steel. Course also uses arc, gas, MIG, and TIG welding, as well as cutting metal with the torch and plasma cutter. There are over ninety skills taught in this class. Notes are given in each area with a strong emphasis on safety. A unit test is also given for each welding unit. Students are expected to keep a notebook and complete shop work quarterly, and complete project work.
- 491400 Agricultural Power Systems** (10, 11, 12) 1 Year, 1 Career Focus Credit  
**SLC: G.E.M.**  
 This course covers the basic principles of agricultural power (electrical and internal combustion), maintenance and repair of equipment, career opportunities, and safety. It will focus on the technical areas of maintenance and repair of small engines, control and installation of electrical power, electronics, and repair and maintenance of agricultural machinery. Other topics covered include precision measurement, basic engine technology in electrical systems and electronics, fuel systems, and engine lubrication. The course reviews the basics of power, power systems, and the applied physics of power, tractor/auto power systems, power transmission systems, hydraulics, pneumatics, and power system uses. Students are expected to keep notes, take unit tests, and complete a wide range of skills.
- 491410 Agriculture Structural Systems** (10,11, 12) 1 Year, 1 Career Focus Credit  
**SLC: F.A.C.E. and G.E.M.**  
 Students will be introduced to basic practices used in farm building and construction of facilities for the farm. A more in-depth look will be given to the technical areas of the agriculture structural industry. Topics will include FFA, SAEs, safety, planning, tools, basic construction, surveying, concrete and masonry structures, basic carpentry, plumbing, electricity, metal fabrication, and painting and finishing. Shop activities include planning structures, tool selection, basic construction, and surveying, foundations/masonry, framing, electrical, plumbing, metal fabrication, painting/finishing, and the actual construction of a small building. Students are expected to keep notes, take unit tests and complete a wide range of skills in math, blue print reading and shop skills.
- 491180 Animal Science** (10, 11, 12) 1 Semester, ½ Career Focus Credit  
**SLC: C.R.E.W.**  
 This course is an introduction to the sciences involved in animal production. Animal nutrition, physiology, feeds and feeding, health, genetics, breeding, reproduction, care, management, and marketing are emphasized. Students will be required to keep a notebook, participate in labs, and master a wide variety of skills.
- 491010 Advanced Animal Science** (10, 11, 12) 1 Semester, ½ Career Focus Credit  
**SLC: C.R.E.W.**  
 This course is designed at the local level for specialized instruction as determined by the local advisory committee and administration in a specific area of animal science. Pre-requisites would be animal science. This course covers advanced and specialized units in animal science. Emphasis is placed on animal anatomy and physiology, reproduction, poultry science and reproduction, and specialized animal production. Students are required to participate in a variety of labs, keep a class notebook, and complete a wide variety of skills.

**491200 Biological Animal Science** (10, 11, 12) 1 Semester, ½ Career Focus Credit  
**SLC: C.R.E.W.**

This course is a scientific approach to animal science using scientific principles and applied management practices. The use of biotechnology in agriculture is the basis for study of units in veterinary physiology, genetics, reproduction, food science, and microbiology. An emphasis on selection and industry review will be based on scientific data. Students are required to maintain a class/lab notebook, and participate in a variety of labs and activities.

**491340 Plant Science** (10, 11, 12) 1 Semester, ½ Career Focus Credit  
**SLC: C.R.E.W.**

This course covers the relationship between plants and people, plant morphology and physiology, plant production, the environment, soil, and other related areas including hands-on lab activities. The course also explores the principles of producing agricultural crops, fruits, and vegetables for human and animal consumption. All aspects of planting, maintaining, harvesting, and marketing are stressed. The care, maintenance, and operation of a greenhouse and greenhouse crops are included. Students will be required to keep a notebook, master a wide range of skills, and participate in all class activities.

**491210 Biological Plant Science** (10, 11, 12) 1 Semester, ½ Career Focus Credit  
**SLC: C.R.E.W.**

This course introduces students to the applied sciences used in modern agriculture, with an emphasis in the biotechnology involved. Students will learn experimental techniques, farm production/reproduction processes, genetics and genetic engineering, and microbiology. Students are required to keep a notebook, participate in class activities and labs, and master a variety of skills. This course is a scientific approach to plant science using scientific principles and applied management practices. An emphasis on selection and industry review will be based on scientific data.

**491350 Small Engine Technology** (10, 11, 12) 1 Semester, ½ Career Focus Credit  
**SLC: G.E.M.**

This course examines the uses of small engines in all areas of agriculture. Selection, maintenance and repair, careers, and employability are major topics covered. The course is designed to provide the student with a quality understanding of the use and repair of small gas engines common to the farm, turf, landscaping, and recreational industry. Students will cover a wide variety of topics including safety, tools, engine terminology, parts, repair and diagnostic skills, overhauling, working with the public, and job opportunities. Students are required to keep a notebook and perform skills on small gas engines and equipment including time to work on the students own projects and equipment.

## FILM & TELEVISION, JOURNALISM, PHOTOGRAPHY CAREER EDUCATION

The **Film & Television, Journalism and Photography** department at FHS offers four pathways recognized by Arkansas Career and Technical Education. Upon successful completion of **three** units of credit within a set pathway of courses, students become **‘Career Education Scholars/Completers.’** Students are awarded a completer honor chord to wear at graduation, recognized in a special ceremony and are given a certificate and gold seal from the state of Arkansas. Additional information can be found at: [www.fayar.net/ce](http://www.fayar.net/ce). The Journalism pathway can be found on page 51. The following pathways are approved and provided at FHS through our Small Learning Community Programs of Study:

### Audio/Video Technology Film Pathway (3 Total Credits)

Course Code	Core Requirements	Units Of Credit
493640	Fundamentals of A/V Technology and Film	1
493650	Intermediate A/V Technology and Film	1
493660	Advanced A/V Technology and Film	1

### Photography Pathway (3 Total Credits)

Course Code	Core Requirements	Units Of Credit
494350	Fundamentals of Photography	1
494370	Intermediate Photography	1
494380	Advanced Photography	1

### Television Production Pathway (3 Total Credits)

Course Code	Core Requirements	Units Of Credit
493420	Fundamentals of Television	1
493430	Intermediate Television	1
493440	Advanced Television	1

**493670 A/V Tech & Film Lab (11, 12) 1 Year, 1 Career Focus Credit**

*Note: Approval of the instructor. Students should be concurrently enrolled in an additional class in the A/V Tech & Film Pathway.*

**SLC: F.A.C.E.**

Students will assist the instructor with projects as well as work independently on specialized software training and/or on projects related to other film classes. Students in Film Lab may be scheduled with other A/V Tech & Film classes. In this circumstance, students will take leadership roles and work independently on Film Lab projects.

**493640 Fundamentals of A/V Tech & Film (10, 11,12) 1 Year, 1 Career Focus Credit**

*Note: There is a \$20 course fee for this class.*

**SLC: F.A.C.E.**

This course will emphasize the introduction and development of audio and video knowledge and skills specific to the Filmmaking pathway. Students will plan and work on a variety of individual and group projects with a focus on producing short fictional and nonfictional films. Projects will apply skills and understandings related to writing, producing, directing, cinematography, sound, production design and editing. Time management, teamwork, problem-solving, safe equipment use, and responsibility are emphasized in this class. Students will produce portfolios for grade assessment and for use as a permanent record of their work.

**493650 Intermediate A/V Tech & Film (11,12) 1 Year, 1 Career Focus Credit**

*Prerequisites: Successful completion of Fundamentals of A/V Tech & Film AND permission of the instructor.*

*Note: There is a \$20 course fee for this class.*

**SLC: F.A.C.E.**

Students will apply knowledge and skills learned in Fundamentals of A/V Tech & Film as they produce a variety of projects including longer fictional films, independent projects, and public service announcements. Production aspects will be enhanced through lighting, audio, and editing techniques. Students will be required to submit work to local, state and national competitions. They will produce portfolios for grade assessment and for use as a permanent record of their work. Students may be scheduled with Advanced A/V Tech & Film. In this instance, intermediate students will participate as interns in the Advanced Film major group film project.

**493660 Advanced A/V Tech & Film (12) 1 Year, 1 Career Focus Credit**

*Prerequisites: Successful completion of Intermediate A/V Tech & Film AND permission of the instructor.*

*Note: There is a \$20 course fee for this class.*

**SLC: F.A.C.E.**

This course may be held at the same time as Intermediate A/V Tech & Film. Students are expected to take leadership roles in the major group film project as well as work on portfolios, documentary films, public service announcements and a promotional and/or community film project. Students will be required to submit work to local, state and national competitions. They will produce portfolios for grade assessment and for use as a permanent record of their work. Students will develop advanced skills and knowledge in a specialized area of screenwriting, directing, cinematography, audio and/or editing and demonstrate skills and knowledge in a senior thesis project.

**494350 Fundamentals of Photography (10-12) 1 Year, 1 Career Focus Credit**

**SLC: F.A.C.E.**

This core instructional program prepares students to use photography to effectively communicate ideas and information to a wide range of audiences and record events and people via digital media. Students must have access to a digital camera for the entire year. Students will learn the basics of photo composition, visual elements, digital manipulation, portrait photography, photojournalism and the history of photography, among other skills.

**494370 Intermediate Photography (10-12) 1 Year, 1 Career Focus Credit**

*Prerequisite: Fundamentals of Photography*

**SLC: F.A.C.E.**

This core production-based program allows the photography student to implement artistic techniques to effectively communicate ideas and information to a wide range of audiences. Students in this class will take pictures for the school's publications, learn advanced digital imaging and produce portfolios.

**494380 Advanced Photography 11,12) 1 Year, 1 Career Focus Credit**

*Prerequisite: Intermediate Photography*

**SLC: F.A.C.E.**

This independent production based program is designed to provide the advanced photography student with knowledge and highly advanced skills for a comprehensive career in photography.

**494360 Photography Lab (10-12) 1 Year, 1 Career Focus Credit**

**SLC: F.A.C.E.**

This production-based program will allow the serious photography student time for development of skills and knowledge needed to produce comprehensive photography products.

**49342T Fundamentals of Television (10-12) 1 Year, 1 Career Focus Credit**

*Note: A \$20.00 Lab Fee is assessed for this class to cover the cost of disposable materials. (tapes, DVDs, etc.)*

**SLC: G.E.M.**

This core program is designed to provide practical knowledge and skill in preparation for a career in television production. Students will learn the fundamental skills of television production including pre-production, production and post-production. They will also learn storytelling skills, proper camera use and taping strategies, sound collection and microphone use, ethics, group work and writing for television skills. Success in this course will determine if the student may continue in the Television Pathway.

**49343T Intermediate Television (10-12) 1 Year, 1 Career Focus Credit**

*Prerequisite: Successful completion of Fundamentals of TV as well as a completed application and interview. Students will be chosen for the upper levels of Television production as a result of their mastery of basic skills, ability to get along with others, meet deadlines and commitment to the program.*

*Note: A \$20.00 Lab Fee is assessed for this class to cover the cost of disposable materials. (tapes, DVDs, etc.). Students are eligible to try out to be on the Bulldog Crew. This is an elite group that is hired for sports and special assignment projects. These students can travel to conferences and conventions as long as they meet all AAA (Arkansas Activities Association) requirements and have acceptable classroom participation.*

**SLC: G.E.M.**

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. The advanced classes in Television Production combine students from multi-levels. 10<sup>th</sup> through 12<sup>th</sup> graders will work together side by side to create programming for the FHS-TV television stations. Intermediate students will be mastering equipment and production skills and learning from the other students how to create the variety of programming.

**49344T Advanced Television (11,12) 1 Year, 1 Career Focus Credit**

*\*Prerequisite: Successful completion of Fundamentals and Intermediate Television and have completed the application and interview process. Students will be chosen for Advanced Television as a result of their mastery of basic skills, ability to get along with others, meet deadlines and commitment to the program.*

*Note: A \$20.00 Lab Fee is assessed for this class to cover the cost of disposable materials. (tapes, DVDs, etc.). Students are eligible to try out to be on the Bulldog Crew. This is an elite group that is hired for sports and special assignment projects. These students can travel to conferences and conventions as long as they meet all AAA (Arkansas Activities Association) requirements and have acceptable classroom participation.*

**SLC: G.E.M.**

This independent production based program is designed to provide the advanced television student with practical knowledge and highly advanced skills for a comprehensive career in television production. The Advanced TV classes in television production combine students from multi-levels. Tenth through twelfth graders will work side by side to create programming for the FHS-TV television stations. Second year students will be taking on leadership roles in charge of production schedules, organizing programming, mentoring students and expanding their production skills.

**49345T Television LAB (11,12) 1 Year, 1 Career Focus Credit**

*Prerequisite: Fundamental of TV and be enrolled in another television class*

**SLC: G.E.M.**

This production-based program is designed to allow the television student studio time for the development of skills needed to execute a comprehensive TV Career. Lab students should be enrolled in another television class. This second hour of Television Production will allow them to work in depth on their class's production, Bulldog Crew projects, master new software programs, maintain our websites, and oversee the programming created by all of the FHS TV classes.

## BUSINESS/MARKETING AND INFORMATION TECHNOLOGY CAREER EDUCATION

The **Business/Marketing Education department** at FHS offers five pathways recognized by Arkansas Career and Technical Education. Upon successful completion of **three** units of credit within a set pathway of courses, students become **'Career Education Scholars/Completers.'** Students are awarded a completer honor chord to wear at graduation, recognized in a special ceremony and are given a certificate and gold seal from the state of Arkansas. Additional information can be found at: [www.fayar.net/ce](http://www.fayar.net/ce). The following pathways are approved and provided at FHS through our Small Learning Community Programs of Study.

### Accounting Pathway (3 Total Credits)

Course Code	Core Requirements	Units Of Credit
492490	Computer Applications I	.5
492500	Computer Applications II	.5
492100	Computerized Accounting I	1
492110	Computerized Accounting II	1

### Banking Services Pathway (3 Total Credits)

Course Code	Core Requirements	Units Of Credit
492490	Computer Applications I	.5
492500	Computer Applications II	.5
492100	Computerized Accounting I	1
492030	Banking and Finance Law	.5
492050	Banking and Finance Principles	.5

### Business Finance Pathway (3 Total Credits)

Course Code	Core Requirements	Units Of Credit
492490	Computer Applications I	.5
492500	Computer Applications II	.5
492100	Computerized Accounting I	1
492140	Advanced Database Applications	.5
492450	Advanced Spreadsheet Application	.5

### Marketing Technology and Research Pathway (3 Total Credits)

Course Code	Core Requirements	Units Of Credit
492490	Computer Applications I	.5
492500	Computer Applications II	.5
492330	Marketing	1
492350	Marketing Management	1

### Programming Pathway (3 Total Credits)

Course Code	Core Requirements	Units Of Credit
492490	Computer Applications I	.5
492500	Computer Applications II	.5
492390	Programming I	.5
492400	Programming II	.5
492450	Advanced Spreadsheet	.5
492140	Advanced Database Applications	.5

#### 492030 Banking & Finance Law (10,11,12) 1 Semester, ½ Career Focus Credit

*Prerequisite: Banking & Finance Principles*

#### **SLC: G.E.M.**

Banking and Finance Law is a one-semester course that assists the student in understanding the legal environment in which depository institutions exist. Students study basic concepts in business law in the areas of contract law, agency law, property law, commercial paper law, and credit law. Students will manage their own computerized stock portfolio in a classroom competition.

**492050 Banking & Finance Principles** (10,11,12) 1 Semester, ½ Career Focus Credit

**SLC: G.E.M.**

Banking and Finance Principles is a one-semester course that assists the students in understanding the American banking system, Federal Reserve System, Wall Street, and banking and the economy. Students will manage their own computerized stock portfolio in a classroom competition. Students will be also be engaged with a computer simulation called Virtual Business - Personal Finance. The computer simulation lets them learn and practice all the key personal financial skills they'll need to succeed in life. It will present students with challenges around bank accounts, credit and debit cards, bills, credit scores, taxes, insurance, investing, and more.

**492140 Advanced Database Applications** (10,11,12) 1 Semester, ½ Career Focus Credit

*Prerequisite: Computer Applications II*

**SLC: G.E.M.**

Microsoft Office 2010 will be used in the classroom along with web based lesson plans. Database Applications is a one-semester course in which students will work with multiple table operations, forms and reports. Student will learn advanced database features to manipulate and present data through advanced queries, calculated controls, macros, switchboards, custom forms/reports, subforms, subreports, joins, relationships, and more. Students will learn techniques in sharing, integrating, analyzing and managing a relational database. A brief introduction to SQL is also recommended.

**492450 Advanced Spreadsheet Applications** (10,11,12) 1 Semester, ½ Career Focus Credit

*Prerequisite: Computer Applications II*

**SLC: G.E.M.**

Microsoft Office 2010 will be used in the classroom along with web based lesson plans. Spreadsheet Applications is a one-semester course in which students use computer programs to analyze quantitative data. Emphasis is placed on the role and value of spreadsheets, financial reporting, budgeting, planning, and forecasting using real-world data. In today's world, students must be able to analyze the data to maximize a company's profits. In this course, students will define and solve financial problems using MS Excel. Students will design, create, update, and maintain workbooks while exploring advanced features of MS Excel.

**492100 Computerized Accounting I** (10,11,12) 1 year, 1 Career Focus Credit

*Prerequisite: Successful completion of Keyboarding*

**SLC: G.E.M.**

This first-year Accounting course is a one year course designed to provide a thorough background in the basic Accounting procedures used to operate a business. It will also serve as a sound background for employment in office jobs and preparation for studying business in college. The Cengage Computerized Accounting software will supplement text and online workbook assignments as well as computer simulated instructional packets (New online workbook assignments allows students to complete assignments online with automatic grading that provides immediate feedback to the student).

**492110 Computerized Accounting II** (11,12) 1 year, 1 Career Focus Credit

*Prerequisite: Computerized Accounting I*

**SLC: G.E.M.**

Computerized Accounting II is a two-semester course designed to provide students with the knowledge, understanding, and skill necessary for successful careers in Accounting. Partnerships as well as departmental, corporate and cost accounting systems are components of the course. Emphasis in Accounting II is given to the computerized/automated functions in Accounting using QuickBooks Pro software. The Cengage Computerized Accounting software will supplement text and online workbook assignments as well as computer simulated instructional packets (New online workbook assignments allows students to complete assignments online with automatic grading that provides immediate feedback to the student).

**492490 Computer Applications I** (10,11,12) (CAI) 1 Semester, ½ Career Focus Credit

*Prerequisite: Keyboarding*

**SLC: G.E.M.**

Microsoft Office 2010 will be used in the classroom along with web based lesson plans. Students will learn the fundamental word processing skills necessary to produce simple documents of various types using bullets, numbered lists, special characters, borders, and shading, special fonts, and paragraph and line formatting. Internet searching and skills are heavily stressed in this course to help prepare them for other classes. Students are trained to use e-mail accounts properly. They learn to create and edit simple spreadsheets using basic formulas and functions. They also create and present a PowerPoint research project. All students should take this class to have the computer skills needed to do well in other classes, college, and careers. This course is available to all students that meet the prerequisite.



**492500 Computer Applications II (10,11,12) (CAII) 1 Semester, ½ Career Focus Credit**  
*Prerequisite: Computer Applications I*

**SLC: G.E.M.**

Microsoft Office 2010 will be used in the classroom along with web based lesson plans. Students learn intermediate spreadsheet skills, including formatting using styles, using common functions, and producing technical graphs and charts. They continue in word processing learning to create sections, envelopes, labels, tables, columns, graphic elements, styles, templates, and mail merges. Projects include a report in MLA and APA styles, a spreadsheet/graphing research project, a resume and letter of application, and a web site. All students should take this class to have the computer skills needed to do well in other classes, college, and careers. This course is available to all students that meet the prerequisite.

**492510 Computer Applications III (10,11,12) (CAIII) 1 Semester, ½ Career Focus Credit**  
*Prerequisite: Computer Applications II*

**SLC: G.E.M.**

Microsoft Office 2010 will be used in the classroom along with web based lesson plans. Students learn the basics of creating, editing, and using Access by producing various tables, forms, and reports. Using Dreamweaver, students will create their own web sites. Fireworks are used to manipulate and create graphics. Students learn beginning desktop publishing skills using Publisher by creating business cards, newsletters, letterheads, and flyers. They have three culminating real-world projects: a capstone project using Publisher, Word and Access; an all-inclusive desktop publishing project; and a 10-minute presentation to the class using advanced PowerPoint features. All students should take this class to have the computer skills needed to do well in other classes, college, and careers. This course is available to all students that meet the prerequisite.

**492540 Design & Multimedia Production (11,12) 1 Semester, ½ Career Focus Credit**  
*Prerequisite: Successful completion of Computer Applications I, II, III*

**SLC: F.A.C.E. and G.E.M.**

Web Design & Multimedia is a one semester course that teaches students how to use a computer to combine graphics, animation, video, and sound with web publishing software to communicate information. Emphasis is on good design as well as technical skill as students incorporate the proper combination of text, graphics, animation, video, and sound. Students will also edit and produce sophisticated graphics and “animated gifs” for the Web. Software used will be Adobe Dreamweaver, Fireworks, Flash, and Premiere.

**492330 Marketing (11, 12) 1 Year, 1 Career Focus Credit**  
*Note: All marketing students are encouraged to join DECA, the co-curricular marketing association.*

**SLC: F.A.C.E. and G.E.M.**

Marketing is designed to provide students with the fundamental concepts, principles, skills, and attitudes common to the field of marketing. Instruction focuses on market types, market analysis, consumer types, planning, promotion, buying, economics, selling, human relations, merchandising, business operations, sales promotion, advertising and international marketing.

**492350 Marketing Management (12) 1 Year, 1 Career Focus Credit**  
*Prerequisite: Marketing; Note: All marketing management students are required to join DECA.*

**SLC: F.A.C.E. and G.E.M.**

Marketing Management is designed to develop decision-making skills through the application of marketing and management principles. Competencies will be accomplished by utilizing various instructional methods, resources, and direct involvement with marketing businesses. This course will focus on organization, finance, risks, credit, technology, and social aspects. The management team from this class plans and implements all DECA activities, competitive events, and community service, including the spring fashion show event.

**492390 Programming I (10, 11, 12) 1 Semester, ½ Career Focus Credit**  
*Prerequisite: Successful completion of Geometry, Algebra II, and Computer Applications*

**SLC: G.E.M.**

This is a one-semester course in a modern, high-level, structured language. This course includes object oriented programming using Alice, Visual Basic, and HTML. Concepts will be taught in the context of practical applications.

**492400 Programming II** (10, 11, 12) 1 Semester, ½ Career Focus Credit  
*Prerequisite: Successful completion of Programming I*

**SLC: G.E.M.**

This is a one-semester course that is a continuation of the study of the language taught in Programming I. Students will also be introduced to C++ and Java. Concepts will be taught in the context of practical applications.

**492010 Advertising** (10, 11, 12) 1 Semester, ½ Career Focus Credit  
**SLC: F.A.C.E. and G.E.M.**

Advertising is a one-semester course designed to focus on the competencies needed for the planning and implementation of a successful advertising program. Students will be exposed to research, budgets, and evaluations that are used to sell a product, service, or business. Hands-on experience is given in copywriting, layout, and production.

**492430 Retailing** (10, 11, 12) 1 Semester, ½ Career Focus Credit  
**SLC: G.E.M.**

This course is an introduction to the various aspects of running a retail business. Topics may include: selling, buying, merchandising, e-business, sales promotion and advertising, business operations, and retail management.

**492440 Salesmanship** (10, 11, 12) 1 Semester, ½ Career Focus Credit  
**SLC: G.E.M.**

Salesmanship is a one-semester course designed to inform students about specific selling techniques and attitudes necessary to become a successful salesperson. The course focuses on serving customers and helping them make wise buying decisions. Emphasis is placed on the importance of human relations in selling, the functions performed by salespeople, and the buying/selling process.

**492190 Fashion Merchandising** (10, 11, 12) 1 Semester, ½ Career Focus Credit  
**SLC: F.A.C.E.**

This is a one-semester course designed to offer an overview of the fashion industry. It provides the foundation in preparing students for a wide range of careers available in the different levels of the fashion industry. Emphasis is given to historical development, textiles, manufacturers, merchandising, domestic and foreign markets, accessories, and retailing. Student projects include tie dying shirts to the creation of their own "Project Runway" show complete with design teams and models.

## **ENGINEERING**

The **Engineering** department at FHS offers one pathway that is recognized by Arkansas Career and Technical Education. Upon successful completion of **three** units of credit within a set pathway of courses, students become "**Career Education Scholars/Completers**." Students are awarded a completer honor chord to wear at graduation, recognized in a special ceremony and are given a certificate and gold seal from the state of Arkansas. Additional information can be found at: [www.fayar.net/ce](http://www.fayar.net/ce). The pathways are approved and provided at FHS through our Small Learning Community Programs of Study:

### **Pre-Engineering Pathway (3 Total Credits)**

<b>Course Code</b>	<b>Core Requirements</b>	<b>Units Of Credit</b>
495490	Principles of Engineering	1
495460	Digital Electronics	1
495440	Civil Engineering/Architecture	1

**495490 Principles of Engineering (POE) - (10) 1 Year, 1 Career Focus Credit**

*Note: Strong math skills are recommended. This class is recommended for those that took Introduction to Engineering Design in the 9<sup>th</sup> grade.*

**SLC: F.A.C.E. and G.E.M.**

This course provides an overview of engineering and engineering technology. Students develop problem-solving skills by tackling real-world engineering problems. Through theory and practical hands-on experiences, students address emerging social and political consequences of technological change. Students will learn about the types of engineers and their contribution to society. Students collect and categorize data, and produce graphics. Students learn about problem solving and how products are developed including how engineers work in teams, representations, keep an engineer's notebook, and make written and oral presentations. Students learn about mechanical, thermodynamics, fluid, electrical, and control systems. Students learn about measurement, scalars and vectors, equilibrium structural analysis, and strength of materials, as well as the categories and properties of materials, how materials are shaped and joined, and materials testing. Students will use precision measurement tools to gather and apply statistics for quality and process control.

Students will also learn about reliability, redundancy, risk analysis, factors of safety, and liability and ethics, and be introduced to dynamics/kinematics.

**495440 Civil Engineering and Architecture (CEA) (10,11,12) 1 Year, 1 Career Focus Elective Credit**

*Note: Strong math skills are recommended. This class is recommended for those that have taken Introduction to Engineering Design (9) or Principles of Engineering.*

**SLC: F.A.C.E. and G.E.M.**

This course is the study of the design and construction of residential and commercial building projects. The course includes an introduction to many of the varied factors involved in building design and construction, including building components and systems, structural design, storm water management, site design, utilities and services, cost estimation, energy efficiency, and careers in the design and construction industry. The major focus is to expose students to the design and construction of residential and commercial building projects, design teams and teamwork, communication methods, engineering standards, and technical documentation.

**495460 Digital Electronics (DE) (10, 11,12) 1 Year, 1 Career Focus Credit**

*Strong math skills recommended. This class is recommended for those that have taken Introduction to Engineering Design (9) or Principles of Engineering.*

**SLC: F.A.C.E. and G.E.M.**

Digital electronics is the foundation of all modern electronic devices such as cellular phones, MP3 players, laptop computers, digital cameras and high-definition televisions. The major focus of the Digital Electronics course is to expose students to the process of combinational and sequential logic design, teamwork, communication methods, engineering standards and technical documentation. Students will use their skills to design and build logic circuitry for robots, MP3 players, computers and other real world examples.

## **ENGLISH LANGUAGE ARTS**

**519061 Creative Writing I (11, 12), 1 Semester, ½ Career Focus Credit**

*Note: Please be sure to schedule for both Creative Writing I and Creative Writing II if you would like the full year elective.*

**SLC: F.A.C.E.**

This is a one semester class for Junior and Senior students to explore and develop skills in poetry, fiction, screenwriting, and creative non-fiction writing. Students taking the course should enjoy writing and reading, and be prepared to read and write daily. Participation in creative workshops and a number of submissions to *Connotations* as well as to other publications will be required.

**519062 Creative Writing II (11, 12) 1 Semester, ½ Career Focus Credit**

*Prerequisite: Successful participation as a Creative Writing 1 student, or instructor approval.*

*Note: Please be sure to schedule for both Creative Writing I and Creative Writing II if you would like the full year elective.*

**SLC: F.A.C.E.**

This is a one semester class for Junior and Senior students to develop and refine skills in poetry, fiction, screenwriting, and creative non-fiction writing. Participation in creative workshops and a number of submissions to *Connotations* as well as to other publications will be required.

**516022 Drama III (11, 12) 1 year, 1 credit Career Focus Credit - this class is not a Fine Arts Credit.**

*Prerequisite: Fine Arts Drama II or Student Audition*

**SLC: F.A.C.E.**

This course is a play production class. Areas of emphasis include audition techniques, comic acting, acting Shakespeare's work, musical theatre (singing and dancing), playwriting, and one-act play productions. Students are expected to work on school plays. Students will be evaluated on their rehearsal work, contribution to play productions, and class participation.

**516023 Drama IV (12) 1 Year, 1 Career Focus Credit – this class is not a Fine Arts Credit.**

*Prerequisite: Drama III or student application.*

**SLC: F.A.C.E.**

This course is a continuation of skills learned in Drama III. Areas of emphasis include directing techniques, acting World Drama, a children's play production, acting for film, and a student directed one-act play production

## ENVIRONMENTAL & SPATIAL TECHNOLOGY (E.A.S.T.)

The **Environmental and Spatial Technology** department at FHS offers one pathway that is recognized by Arkansas Career and Technical Education. Upon successful completion of **three** units of credit within a set pathway of courses, students become “**Career Education Scholars/Completers**.” Students are awarded a completer honor chord to wear at graduation, recognized in a special ceremony and are given a certificate and gold seal from the state of Arkansas. Additional information can be found at: [www.fayar.net/ce](http://www.fayar.net/ce). The following pathway is approved and provided at FHS through our Small Learning Community Programs of Study.

### E.A.S.T Pathway (3 Total Credits)

Course Code	Core Requirements	Units Of Credit
460010	EAST I	1
560020	EAST II	1
560030	EAST III	1

**460010 E.A.S.T. I** (10, 11, 12) 1 Year, 1 Career Focus Credit

**SLC: F.A.C.E.**

This classroom is designed to allow students to learn and explore the latest technology in a friendly, self-paced environment. The course employs a problem-based, service-learning environment that encourages students to use advanced technological applications, problem solving, teamwork, communication, and critical-thinking skills. Students who like computers and technology often feel this course was custom made for them. Students shouldn't worry about their levels of understanding because each student's project is dependent on his or her level of ability. Students' daily work is to help each other with projects and building on the skills they currently possess. The highlight of the course is when students compete with 200 schools around the United States in a three-day trade show displaying their team's project.

**560020 E.A.S.T. II** (11, 12) 1 Year, 1 Career Focus Credit

*Prerequisite: E.A.S.T. I*

**SLC: F.A.C.E.**

Students in this course help teach and train students enrolled in the E.A.S.T. I classroom as well as work on more complex community based projects. Students in E.A.S.T II will be responsible for team building, project coordination, and organizing group projects. Students who take this course learn to help others in the classroom while developing leadership and organizational skills needed for the E.A.S.T. III community environment.

**560030 E.A.S.T. III** (11, 12) 1 Year, 1 Career Focus Credit

*Prerequisite: E.A.S.T. II*

**SLC: F.A.C.E.**

E.A.S.T III is a course designed to extend and apply the knowledge gained in the E.A.S.T I and II classroom. E.A.S.T III students will assume various managerial roles in the classroom. Students in this course will focus mainly on working in the community and being a liaison between the team members and community leaders. E.A.S.T. III students must be highly motivated, responsible, and dedicated to providing positive relations in the community and classroom.

## FAMILY AND CONSUMER SCIENCE

The **Family and Consumer Science** department at FHS offers two pathways recognized by Arkansas Career and Technical Education. Upon successful completion of **three** units of credit within a set pathway of courses, students become “**Career Education Scholars/Completers**.” Students are awarded a completer honor chord to wear at graduation, recognized in a special ceremony and are given a certificate and gold seal from the state of Arkansas. Additional information can be found at: [www.fayar.net/ce](http://www.fayar.net/ce). The following pathways are approved and provided at FHS through our Small Learning Community Programs of Study. If a student took Family and Consumer Science in **8th grade** then it will count towards the completer requirements; however they will need to take an additional three units of credit instead of two.

### Education & Training: Teaching and Training (3 Total Credits)

Course Code	Core Requirements	Units Of Credit
493020	Child Development	.5
493240	Orientation to Teaching	1
	Additional FACS Elective	.5
	*Additional FACS Elective	.5
	*Additional FACS Elective	.5

\*EAST I may be used in place of Additional FACS Elective for 1 Unit of Credit

**Human Services: Family & Community Services Pathway (3 Total Credits)**

Course Code	Core Requirements	Units Of Credit
493080	Family and Consumer Science	1
	Additional FACS Elective	.5
	Additional FACS Elective	.5
	*Additional FACS Elective	.5
	*Additional FACS Elective	.5

\*EAST I may be used in place of Additional FACS Elective for 1 Unit of Credit

**493020 Child Development (10,11,12) 1 Semester, ½ Career Focus Elective Credit**

Note: It is recommended that students enroll in and/or complete Parenting after Child Development.

**SLC: C.R.E.W.**

Child Development is the study of children, pregnancy and prenatal development, birth and the newborn, types of growth and development, stages of growth and development, rights and responsibilities of parents and children, needs of children, factors influencing the behavior of children, selection of child care services, health and safety of children, children with special needs, coping with crises, the effects of technology on child development, and careers related to the area of child development. Upon completion of this course, the student should be prepared to care for and guide the development of a child through all stages of growth—within a family, as a child-care professional, or in other experiences with children

**493100 Family Dynamics (10,11,12) 1 Year, 1 Career Focus Elective Credit****SLC: C.R.E.W.**

This class focuses on the role of the family in helping individuals reach their highest potential by addressing concerns. Emphasis is given to dynamics of family life, individual development, life relationships, responsible parenting, crisis management, resource management, civic responsibility, healthy living, housing decisions, career planning, and trends affecting families. Upon completion of this course, the student should have an understanding of the impact of the family and individual's ability to function successfully in an increasingly complex society.

**493110 Food and Nutrition (10,11,12) 1 Semester, ½ Career Focus Elective Credit**

Note: This class has a \$10 supply fee.

**SLC: C.R.E.W.**

Experiences in the Food and Nutrition course focus on the development of skills needed to select, prepare, and serve food which meets nutritional needs of individuals and families. Students will have many opportunities to prepare food through lab experiences. Emphasis in this course is given to the development of competencies related to nutrition, weight control, the food consumer, the effect of technology on food and nutrition, kitchen organization and equipment, safety and sanitation, menu planning, serving and eating food, food preparation, eating away from home, and career opportunities in the field of food and nutrition. Upon completion of this course, students should be able to apply sound nutritional practices which will have a positive effect on their health.

**493140 Housing and Interior Design (10, 11, 12) 1 Semester, ½ Career Focus Elective Credit**

Note: This class has a \$10 supply fee.

**SLC: F.A.C.E.**

This project-based course focuses on personal and family housing needs, options for meeting those needs, and the impact of the housing industry on the economy. Specific attention is given to the interior space including the elements and principles of design. Attention is given to addressing housing needs, trends, finance, construction and artful principles as applied to housing. Other topics emphasize competencies related to management of furnishings and appliances, conservation, green design, home technology, and career opportunities in housing.

**493150 Human Relations (10,11,12) 1 Semester, ½ Career Focus Elective Credit****SLC: C.R.E.W.**

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

**493240 Orientation to Teaching (11,12) 1 Year, 1 Career Focus Elective Credit**  
**SLC: C.R.E.W.**

This is a one-year course designed to provide students with information and experiences in the field of education. Through outside classroom field experience, students will plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and experience other responsibilities of classroom teachers. Students are involved in observations as well as direct student instruction; placement rotations are utilized to allow students to have experiences in various education career roles, grade levels, subject areas, and ability groups. Upon completion of the course, students should have identified areas of special interest that may be pursued further, have a better understanding of the teaching profession, and have enhanced employability skills which will be of benefit regardless of the occupation or career in which employed.

**493210 Parenting, (10,11,12) 1 Semester, ½ Career Focus Elective Credit**

*Note: It is recommended that students enroll in and/or complete this class after completing Child Development.*

**SLC: C.R.E.W.**

Experiences in the Parenting course are designed to assist students in developing an understanding of the parenting process and of parenting skills. Competencies developed in this course will be useful to anyone who lives with, associates with, or works with children. Emphasis in this course is given to the development of competencies related to the parenthood decision, costs of having and raising a child, the promotion of child growth and development, effects of heredity and environment on development, rights and responsibilities of parents and children, providing nurturance, guidance techniques for promoting positive behavior, prevention of child abuse and neglect, promoting health and safety of children, caring for the sick or injured child, parenting a "special needs" child, helping children cope with crises, choosing professionals to help with parenting problems, selection of child-care services, jobs and careers in child and family services. Upon completion of this course, a student should possess skills necessary to provide quality care for children—as a parent, as one employed to care for children, or as one who interacts with children in other settings.

**493190 Personal & Family Finances (10, 11, 12) 1 Semester, ½ Career Focus Elective Credit**

**SLC: C.R.E.W. and G.E.M.**

This course is designed to increase financial literacy among high school students and prepare them to successfully manage their personal and family financial resources. Students learn to manage resources through hands-on applications that are relevant to their lives. Examples include employment related forms, spending plans, cost analyses, comparison shopping, as well as individual and family scenarios. Emphasis is given to the development of competencies related to life goals and decisions, preparing to earn, understanding your paycheck, financial planning and banking, insurance, credit, consumer skills, housing and transportation costs. Upon successful completion of this course, students will have the ability to handle financial responsibilities effectively now and in their future.

## **FINE ARTS**

Fine Art course descriptions can be found in the Fine Arts section beginning on page 40.

**450000 Art I (10, 11, 12) 1 Year, 1 Fine Arts Credit**  
**SLC: F.A.C.E.**

**450030 Art II (10, 11, 12) 1 Year, 1 Fine Arts Credit**  
**SLC: F.A.C.E.**

**450040 Art III (11, 12) 1 Year, 1 Fine Arts Credit**  
**SLC: F.A.C.E.**

**450050 Art IV (11, 12) 1 Year, 1 Fine Arts Credit**  
**SLC: F.A.C.E.**

**450060 Art History (10, 11, 12) 1 Semester, ½ Fine Arts Credit**  
**SLC: F.A.C.E.**

**559100 Fine Arts Drama I (10, 11, 12) 1 Year, 1 Fine Arts Credit**  
**SLC: F.A.C.E.**

**559101 Fine Arts Drama II (10, 11, 12) 1 Year, 1 Fine Arts Credit (Local Credit if already taken Fine Arts Drama I)**  
**SLC: F.A.C.E.**

**450080 Studio Art 2-D (10, 11, 12) 1 Semester, ½ Fine Arts Credit**  
**SLC: F.A.C.E.**

450090 **Studio Art 3-D (10, 11, 12)** 1 Semester, ½ Fine Arts Credit  
SLC: F.A.C.E.

559800 **Stage Management and Design (11, 12)** 1 Year, 1 Fine Arts Credit  
SLC: F.A.C.E.

## **MATH ELECTIVES**

439090 **Statistics (11,12)**-- See descriptions under Math section beginning on page 34.  
SLC: C.R.E.W.

## **NORTHWEST ARKANSAS COMMUNITY COLLEGE (NWACC) COURSES**

**These classes are offered at Northwest Technical Institute in Springdale. Bus transportation is provided by Fayetteville School District.**

### **AUTOMOTIVE SERVICE TECHNOLOGY (11, 12) 1 Year, Multiple Credits (see counselor for details)**

*Pre-requisite: Interviews are required and students must score at least 54 in Reading, 15 in Writing and 37 in Math on the Compass test.  
Note: The following courses are offered at Northwest Technical Institute in Springdale. **First year students will have all classes in the afternoon.***

**SLC: F.A.C.E.**

----- Engine Repair (course number not available)

**494180** Brakes

----- Powertrain Systems (course number not available)

**494190** Auto Electrical I

**494200** Engine Performance I

**494210** Steering and Suspension

----- Engine Performance II (course number not available)

----- Auto Electrical II (course number not available)

### **COLLISION REPAIR TECHNOLOGY (11,12) 1 Year, Multiple Credits (see counselor for details)**

*Note: These courses are offered at Northwest Technical Institute in Springdale.*

*Pre-requisite: Interviews required and students must score at least 54 in Reading, 15 in Writing and 37 in Math on the Compass test.  
**First year students will have all classes in the afternoon.***

**SLC: F.A.C.E.**

**494310** Paint and Refinishing I

**494300** Non Structural Analysis and Repair I

----- Paint and Refinishing II (course number not available)

----- Non Structural Analysis and Repair II (course number not available)

----- Paint/Non Structural Lab (course number not available)

**494320** Structure Analysis and Repair I (course number not available)

----- Collision Repair Tech Lab (course number not available)

----- Structure Analysis & Repair II (course number not available)

### **COSMETOLOGY**

*Note: These courses are offered at the Career Academy of Hair Design in Springdale. **A fee of \$775.00 is required for this program***

**SLC: G.E.M.**

Classes are offered both mornings and afternoons. Students must complete a total of 1500 hours in order to be eligible to be licensed in Cosmetology. See your counselor for details.

## **CRIMINAL JUSTICE (11,12)**

*Pre-requisite students must have a GPA of 2.0 and test scores on the ACT in Reading of at least 19 or a score of at least 82 on the Compass test.*

- 494620 Introduction to Criminal Justice** – Fall semester, first 8 weeks  
Prerequisites: Cumulative 2.5 GPA and a 19 ACT score in Reading (82 COMPASS)  
Note: Acceptance into the program by interview with instructor.

**SLC: G.E.M.**

An examination of the history and philosophy of the administration of justice in America; includes the theories of crime and punishment, rehabilitation, as well as ethics, education and training of professionals in the field.

- 494630 Law Enforcement I** – Fall semester, second 8 weeks  
Prerequisites: Cumulative 2.5 GPA and a 19 ACT score in Reading (82 COMPASS),  
Note: Acceptance into the program by interview with instructor. This course must be taken concurrently with Introduction to Criminal Justice.

**SLC: G.E.M.**

This course covers the principles of police work, including arrests, search and seizure, and other criminal procedures affected by constitutional safeguards

- 494600 Law Enforcement II** – Spring semester, first 8 weeks  
Prerequisites: Intro to Criminal Justice and Law Enforcement I with C or better.

**SLC: G.E.M.**

This advanced course covers illegal drugs, crimes against children, search warrants, arrest warrants, search and seizure laws, and the constitutional rights of persons placed under arrest. The course also places special emphasis on writing skills.

- 494610 Criminal Law and Society** – Spring semester, second 8 weeks  
Prerequisites: Intro to Criminal Justice and Law Enforcement I with C or better.  
Note: This course must be taken concurrently with Law Enforcement II.

**SLC: G.E.M.**

This course teaches the principles of criminal law as they developed from early common law to modern United States law, which includes classification of crimes, elements of and parties to a crime, and the study of criminal case law.

## **DENTAL ASSISTING**

***These courses are offered at the Regional Technology Center in Fayetteville (formerly West Campus). Transportation is provided by Fayetteville School District. No course numbers are available,***

- Dental Science I** – Fall Semester, first 8 weeks  
*Note: Acceptance into program by interview with instructor.*

**SLC: C.R.E.W.**

This course reviews anatomy and physiology, with a comprehensive study of the head and neck. The student's understanding of the morphological and functional interrelationships of the anatomical structures is vital to their ability to logically apply solutions to clinical problems. This course is designed to give the student information on dental morphology, oral histology, oral embryology, dental anatomical structures, as well as the functional relationship of the teeth within the dentition

- Preventive Dentistry** – Fall semester, second 8 weeks  
*Note: Acceptance into the program by interview with instructor.*

**SLC: C.R.E.W.**

This course stresses the philosophy of preventive dentistry, including a thorough discussion of plaque formation, oral hygiene, diet and nutrition, and systemic and topical fluorides.



### **Clinical Dentistry** – Spring semester, first 8 weeks

*Note: Acceptance into program by interview with instructor.*

#### **SLC: C.R.E.W.**

This course provides an orientation to the dental profession with emphasis on the dental assistant, includes historical information on the dental profession, basic information concerning education and licensure of the dentist and hygienist with. It introduces the ethical principles and laws that pertain to the state and national practice of dentistry. Focus is on medical and dental emergencies, the fundamental principles, skills, preventive measures and knowledge to respond in various emergency situations that may arise in the dental office. Cardiopulmonary resuscitation (CPR) for the Health Care Provider training for certification is included.

### **Dental Assisting Procedures I** – Spring semester, second 8 weeks

*Note: Acceptance into program by interview with instructor.*

#### **SLC: C.R.E.W.**

Provides background knowledge of clinical practice and prepares students to become competent in performing assignments in general dentistry including an introduction to the dental specialty practices. An introduction to basic dental terminology, dental equipment, instruments, infection control processes, and procedures associated with the dental office. Students learn the process of four handed dentistry through demonstrations and hands on practice. The study of therapeutics includes a brief history of drugs, methods of administration, drug effects, and commonly used drugs in the treatment of oral lesions, anxiety, and pain control.

## **ORAL COMMUNICATIONS**

### **414010 Debate I (10, 11, 12) -- See description in Oral Communication section beginning on page 43.**

**SLC: F.A.C.E.**

### **614001 Debate II (11, 12) 1 Year, 1 Career Focus Credit**

*Prerequisites: Successful completion of Debate/Forensics I courses, Debate I, and attainment of NFL membership and degrees.*

#### **SLC: F.A.C.E.**

This course is an extension of Debate I, allowing 2<sup>nd</sup>-year debate students to gain credit for continued study and participation in debate/forensics study and competition. Students will expand their studies and continue their competition in interscholastic debate/forensics tournaments for academic credit. Students will focus upon more advanced case formats and more effective presentational styles. Students must attend at least 3 tournaments per semester to receive credit. Evaluation and behavioral components are similar to the basic debate/forensics courses.

### **614002 Debate III (12) 1 Year, 1 Career Focus Credit**

*Prerequisites: Successful completion of Debate/Forensics I courses, Debate II, and attainment of NFL membership and degrees.*

#### **SLC: F.A.C.E.**

This course allows third year debate students to gain academic credit for continued study and participation in Debate/Forensics competition. This course allows debate students to expand their studies to the championship level of interscholastic debate competition. Students must attend at least 4 tournaments per semester to receive credit. Evaluation and behavioral components are similar to the preliminary debate/forensics courses. Students in this course are expected to be leaders and exemplary competitors for the Fayetteville High School.

### **414011 Forensics I (10, 11, 12 -- See description in Oral Communication section beginning on page 43.**

**SLC: F.A.C.E.**

### **614004 Forensics II (11, 12) 1 Year, 1 Career Focus Credit**

*Prerequisites: Successful completion of Debate/Forensics I courses and attainment of NFL membership and degrees.*

#### **SLC: F.A.C.E.**

This course allows second year forensics students to gain academic credit for continued study and participation in debate/forensic competition. Second-year Forensics students will expand their exploration and study of performance literature through continued competition in interscholastic debate/forensics tournaments. Students will be expected to focus and perform at more advanced levels in interpretive and speaking events offered in tournament competition. Students must attend at least 3 tournaments per semester to receive credit. Evaluation and behavioral components are similar to those in the basic debate/forensics courses.

**614005 Forensics III (12) 1 Year, 1 Career Focus Credit**

*Prerequisites: Successful completion of Debate/Forensics I, Forensics II, and attainment of NFL membership and degrees.*

**SLC: F.A.C.E.**

This course allows third year forensics students to gain academic credit for continued study and tournament practice in debate/forensics competition. This course allows third year Forensics students to expand their exploration and study of performance literature through continued competition in interscholastic debate/forensics tournaments. Students will focus and perform at the most advanced levels in interpretive and speaking events offered in tournament competition. Students must compete in at least 4 tournaments per semester to receive credit. Evaluation and behavioral components are similar to those in the fundamental debate/forensics courses. Students in this course are expected to be leaders and exemplary competitors for the Fayetteville High School.

**PHYSICAL EDUCATION ELECTIVES**

**585011 Nutrition and Strength Training (10, 11, 12) - See description in Physical Education section beginning on page 44.**

**SLC: C.R.E.W.**

**493200 Nutrition and Wellness, (10,11,12) 1 Semester, ½ Career Focus Elective Credit**

**SLC: C.R.E.W.**

This class emphasizes the interaction of nutrition, foods, sports and exercise for lifelong fitness and well-being of individuals of families. Limited foods labs and light physical activity will be required. Students will develop nutrition and fitness habits to make wise decisions regarding healthy living. This course is appropriate for students with interest in human services, wellness/fitness, health or food and nutrition.

**585012 Outdoor Education (Outdoor Education Environmental Science) (11,12) 1 Semester, ½ Career Focus Credit**

*Note: Students are required to take 424020 Outdoor Education Environmental Science with this course*

**SLC: C.R.E.W.**

This is a practical course for learning and practicing skills for outdoor activities and integrating ecology principles with outdoor activities. Students will participate in many physical activities such as fly fishing, hiking, archery and canoeing.

**SCIENCE ELECTIVES**

**424030 Anatomy/Physiology (11, 12) - See description in Science section beginning on page 36.**

**SLC: C.R.E.W.**

**420020 Botany/Zoology (11,12) - See description in Science section beginning on page 36.**

**SLC: C.R.E.W.**

**424020 Outdoor Education Environmental Science (Outdoor Education) (11,12). See description above.**

**SLC: C.R.E.W.**

**SOCIAL STUDIES ELECTIVES**

**474200 Contemporary American History (11, 12) 1 semester, ½ Career Focus Credit**

**SLC: G.E.M.**

Contemporary American History is a one-semester social studies elective for juniors and seniors. The course will go in-depth into United States History since World War II. Students will learn about changing culture, technology, the Cold War, global conflicts, the world economy, the environment, and study the effects on contemporary society in the United States. This course affords the opportunity to go into much greater detail regarding recent United States History than the required survey course (American History/United States History). This course stresses application, problem-solving, higher-order thinking skills, and the use of classroom performance-based/open-ended assessments with rubrics.

**479008 Cultural Studies (12)** 1 Year, 1 Career Focus Credit  
*Note: Writing skills are stressed and essays are required*

**SLC: F.A.C.E.**

The course is designed to emphasize the interdependence and continuity of images, values, and ideas in American cultural history as documented by visual texts, i.e. film. The course is multidisciplinary and includes study units on law, science and technology, conformity and conflict, the public aspects of electronic media and its impact on policy and opinion, and various other themes. The seminar format is used, and students are responsible for readings and projects. The course is for students interested in a holistic approach to the humanities within a nontraditional context. Although similar classes exist at the university level, the class is not restricted to college-bound students. All are encouraged to participate because the interaction of groups with diverse intellectual achievements and academic interests is vital to an integral educational experience.

**474400 Psychology (11, 12)** 1 Semester, ½ Career Focus Credit  
**SLC: C.R.E.W.**

This course will provide you with a broad introduction to the field of psychology. Among the topics we will cover are: gathering data on the causes and correlates of behavior, key figures in psychology and their theories, examples of research findings from the major subareas of the field, and using psychological knowledge to improve the quality of our lives. This course in psychology will acquaint you with the major concepts and terminology of the discipline and give you a better understanding of self and others. We'll use a combination of lectures, video clips, children's books, demonstrations, games, and miscellaneous experiences.

**479001 Sociology (11, 12)** 1 Year, 1 Career Focus Credit  
**SLC: C.R.E.W. and G.E.M.**

Sociology is the study of society and human interaction that focuses on identifying, explaining, and interpreting patterns and processes of human social relationships. We begin the year with the subjects of culture, socialization and crime and deviance. Then we move into an analysis of social inequalities – social stratification, race and ethnicity and gender. At the end of the year we take a cross cultural look at social institutions -family, economics, politics, education, and religion. Outside readings and film will be used to enhance this course, as well as a heavy emphasis on discussion and writing.

**479010 Street Law – A Course in Practical Law (12)** 1 Semester, ½ Career Focus Credit  
**SLC: C.R.E.W. and G.E.M.**

Street Law allows students to explore a wide range of legal principles necessary for understanding adult life in the United States and to understand their practical application. Using a textbook, guest speakers, the Internet, class discussion and simulation activities, students will explore practical elements of the criminal justice system, know how criminal and civil trials are conducted, learn what things are necessary to make a binding contract, understand how and why our justice system holds persons criminally or civilly liable for acts and omissions, know their rights and responsibilities in leasing an apartment or buying a car, understand the relationship between an employer and employee and how government has affected that relationship.

## SPECIAL POPULATION COURSE LISTINGS

### ESL, SPECIAL EDUCATION, ALLPS

#### **ESL – COURSES FOR LIMITED ENGLISH SPEAKERS**

All courses are geared toward the learning styles and needs of ESL students. Lessons will utilize the Arkansas Frameworks for ELA and ELP in the subject area. All courses are designed specifically for students who are English language learners. Students are placed according to language levels in some courses; this is specified in course description where it applies.

#### **Reading**

**971600 ESL I Reading Improvement/Language Development (10, 11, 12)** 1 Year, 1 Career Focus Credit

*Prerequisite: Score of 1 on MAC III or ELDA, LPAC Committee Recommendation*

*Note: This class meets for two (2) periods and must be taken with 41100N, 41200N, or 41300N ESL English*

This course is designed for English language learners who have studied in the United States for less than one year and who are classified as **level one language learners**. The purpose of this course is to help English language learners accelerate their growth in language and literacy. Content is designed to accomplish the following:

1. Expose students to spoken communication in a variety of situations and forms.
2. Provide students with the skills to produce oral language in a variety of forms and for various purposes and audiences
3. Address the skills of reading and writing needed for successful performance in high school. Emphasis will be placed on phonics, vocabulary, fluency, and comprehension.

**971601 ESL II/III Reading Improvement/Language Development (10, 11, 12) 1 Year, 1 Career Focus Credit**

*Prerequisite: Score of 2 or 3 on the MAC III or ELDA, Teacher Recommendation*

Note: This course must be taken with 41100E, 41200E, or 41300E ESL English

This course is designed for **levels two and three English language learners**. The purpose of this course is to bridge the gap between beginning language acquisition and academic language. Content is designed to accomplish the following:

1. Expose students to spoken communication in a variety of situations and forms.
2. Provide students with the skills to produce oral language in a variety of forms and for various purposes and audiences.
3. Address the skills of reading and writing needed for successful performance in high school with specific emphasis placed on reading and writing within the content areas.

**English**

**41100E ESL English 10 (10) 1 Year, 1 English Credit**

*Prerequisite: Score of 2 or 3 on MAC III or ELDA, Teacher Recommendation*

Note: This course must be taken with 971601 ESL Reading Improvement/Language Development.

The purpose of this course is to further develop in students the skills of reading and writing. Objectives will accomplish the following:

1. Expose students to the language forms found in literary writing
2. Provide students with opportunities to apply the process of writing in response to literary selections
3. Expose students to written language, expository and content-related selections
4. Provide students with appropriate strategies to construct meaning from text and opportunities to apply those strategies to reading.
5. Provide students with strategies to transition into mainstream English classes.

**41100N ESL English 10 Newcomers (10) 1 Year, 1 English Credit**

*Prerequisite: Score of 1 on MACC III or ELDA, LPAC Committee Recommendation*

Note: Course meets for two (2) periods per day and must be taken with Course Number 971600

This course is designed for **beginning-level English language learners**. The purpose of this course is to help English language learners accelerate their growth in language and literacy. Content for the first semester will accomplish the following:

1. Provide students with foundational skills in English grammar
2. Provide students with the skills to produce grammatically correct sentences both orally and in writing
3. Address the skills of writing needed for successful performance in high school
4. Course content for the second semester will utilize learned vocabulary through listening, speaking, reading, and writing activities. The words studies in this course are from a list of the most common academic words found in textbooks.

**41200E ESL English 11 (11) 1 Year, 1 English Credit**

*Prerequisite: Score of 2 or 3 on MAC III or ELDA, Teacher Recommendation*

Note: This course should be taken in conjunction with 971601 ESL Reading improvement/Language Development

The purpose of this course is to further develop in students the skills of reading and writing. Content will accomplish the following:

1. Expose students to the language forms found in literary writing
2. Provide students with opportunities to apply the process of writing in response to literary selections
3. Expose students to written language, expository and content-related selections
4. Provide students with appropriate strategies to construct strategies in construct meaning from text and with opportunities to apply them through the process of reading.
5. Provide students with strategies to transition into mainstream English classes.

**41200N ESL English 11 Newcomers (11) ½ English Credit**

*Prerequisite: Score of 1 on MACC III or ELDA, LPAC Committee Recommendation*

Note: Course meets for 2 periods per day and must be taken with Course Number 971600

This course is designed for **beginning-level English language learners**. The purpose of this course is to help English language learners accelerate their growth in language and literacy. Content for the first semester is designed to accomplish the following:

1. Provide students with foundational skills in English grammar
2. Provide students with the skills to produce grammatically correct sentences both orally and in writing for various purposes and audiences
3. Address the skills of writing needed for successful performance in high school
4. Course content for the second semester will utilize learned vocabulary through listening, speaking, reading, and writing activities. The words studies in this course are from a list of the most common academic words found in textbooks.

**41300N ESL English 12 Newcomers**(12) 1 Year, 1 English Credit

*Prerequisite: Score of 1 on MACC III or ELDA, LPAC Committee Recommendation*

*Note: Course meets for 2 periods per day and must be taken with Course Number 971600*

This course is designed for **beginning-level English language learners**. The purpose of this course is to help English language learners accelerate their growth in language and literacy. Content for the first semester is designed to accomplish the following:

1. Provide students with foundational skills in English grammar
2. Provide students with the skills to produce grammatically correct sentences both orally and in writing for various purposes and audiences
3. Address the skills of writing needed for successful performance in high school. Course content for the second semester will utilize learned vocabulary through listening, speaking, reading, and writing activities. The words studied in this course are from a list of the most common academic words found in textbooks.

**41300E ESL English 12** (12) 1 Year, 1 English Credit

*Prerequisite: Score of 2 or 3 on MAC III or ELDA, Teacher Recommendation*

*Note: This course should be taken in conjunction with 971601 ESL Reading improvement/Language Development*

The purpose of this course is to further develop in students the skills of reading and writing. Content will accomplish the following:

1. Expose students to the language forms found in literary writing
2. Provide students with opportunities to apply the process of writing in response to literary selections
3. Expose students to written language, expository and content-related selections.
4. Provide students with appropriate strategies to construct meaning from text and with opportunities to apply them through the process of reading.

**History**

**47000N U.S. History Newcomers** (10) 1 Year, 1 American History Credit

*Prerequisite: Score of 1 on the MAC III or ELDA, Teacher Recommendation*

This is a yearlong course for Newcomers. Students will study the historical significance of events, people and eras, and will gain an understanding of historical perspectives. Teachers actively engage students in lecture, discussion, research, reading, note-taking, writing, current events, student presentations, different interpretations, and cultural aspects such as music, dance and art accompany each unit. This is geared toward the learning styles and needs of newcomer ESL students.

**47000E U.S. History** (10) 1 Year, 1 American History Credit

*Prerequisite: Score of 2 or 3 on the MAC III or ELDA. Teacher Recommendation*

This is a yearlong course for sophomores. Students will study the historical significance of events, people and eras in United States History and will gain an understanding of historical perspectives. Teachers actively engage students in lecture, discussion, research, reading, note-taking, writing, current events, student presentations, different interpretations, and cultural aspects such as music, dance and art accompany each unit.

**47100E World History** (11) 1 Year, 1 World History Credit

*Prerequisite: Score of 2 or 3 on the MAC III or ELDA, Teacher Recommendations*

This course of world history focuses on history from prehistoric times to the 1500's and concludes with an overview of the modern worlds and current events. Major topics include Mesopotamia, Egypt, India, China, Africa, the Americas, Greece, Rome, and the Middle Ages. This course receives world history credit and is based on national and state standards.

**47210E Civics/American Government** (12) 1 Year, 1 American Government Credit

*Prerequisite: Score of 2 or 3 on the MAC III or ELDA, Teacher Recommendation*

This survey of government and politics of the United States includes an introduction to comparative systems and current events. Major topics are constitutional foundations of American government, Federalism, the formal and informal institutions of government, civil rights and liberties, and public policy. Students will explore the concept of citizenship and the role they can play in their government system.

## SPECIAL EDUCATION COURSE DESCRIPTIONS

Special education students have access to various educational settings to include more intense instruction in our Community Based Instruction classroom to small group, coteaching, and indirect instructional programs. Students are placed in courses based on meeting least restrictive environment criteria. Students will be provided instruction to meet goals outlined in their Individual Education Plan (IEP). Contact the Special Education Department for more information.

### English

**972100 English 10 (10)** 1 year, 1 Sophomore English Credit

This is a modified course that studies literature written by United States authors from the perspective of our rich ethnic and cultural diversity. Emphasis is on both reading for scholastic success as well as reading for enjoyment. Students have an opportunity to review and practice effective writing skills beginning with good sentences and paragraphs as they move toward writing effective essays. Students will develop research skills through library-based projects. Critical thinking, organizational, and grammar/editing skills will be emphasized during the writing process. Students will learn critical reading skills that will challenge them as they read fiction, non-fiction, and poetry. Students read and analyze a variety of short stories, novels, and poetry.

**972101 English 11 (11)** 1 year, 1 Junior English Credit

This is a modified course that studies literature written by representatives of the English speaking world with an emphasis on British literature. Students will experience a variety of writing experiences to develop critical thinking skills and improve their own writing process. This course will help instill skills needed for standardized testing.

**972102 English 12 (12)** 1 year, 1 Senior English Credit

This is a modified course that focuses on world literature. It is a combined study of literature and composition. The course material includes traditionally studied literature in translation from major world cultures and civilizations. Students will demonstrate competencies in writing, reading, listening, speaking, thinking, and using research technology.

### History

**972700 American History (10)** 1 year, 1 American History Credit

*This is a modified course which is taught in an interdisciplinary approach to the study of American History and American Literature. Students will study the historical and literary significance of events, people and eras, and will gain an understanding of both literary and historical perspectives. Topics are presented using a variety of strategies. Historical narrative, current events, different interpretations and aspects such as music, dance and art accompany each unit.*

**972701 World History (11)** 1 year, 1 World History Credit

This is a modified course that begins with an overview of world history from prehistoric times to the 1500's and concludes with an overview of the modern world and current events. Topics covered include politics, society, religion, culture, war, economics, and geography.

**972702 American Government (12)** 1 year, 1 Civics/Government Credit

*This is a modified course that studies the survey of government and politics of the United States. Topic includes an introduction to comparative systems and current events. Major topics are Constitutional foundations of American government, Federalism, the formal and informal institutions of government, civil rights and liberties, and public policy. Students will explore the concept of citizenship and the role they can play in their governmental system.*

### Math

**972300 Geometry 10 (10)** 1 year, 1 Geometry Credit, (formerly titled Math 10)

This is a modified course in which students will develop the language of geometry; identify polygons and their properties; apply properties of congruence, similarity, and inequalities and apply the Pythagorean Theorem and trigonometric ratios to solve problems in real world situations; measure and compare, while using appropriate formulas, tools, and technology to solve problems dealing with length, perimeter, area and volume; analyze characteristics and properties of two- and three-dimensional geometric shapes; specify locations, apply transformations and describe relationships using coordinate geometry.

**972301 Algebraic Connections 11 (11)** 1 year, 1 Higher Math Credit, (formerly titled Math 11)

This is a modified course that will build on a foundation of previously taught Algebra and Geometry concepts and enlarge upon the development of each concept, and introduce new concepts. Students will be expected to evaluate data, interpret data, analyze linear functions, write and solve equations and inequalities and their systems, and use algebraic, graphical, and numerical methods for analysis.

**972302 Algebra II -12 (12) 1 year, 1 Higher Math Credit, (formerly titled Math 12)**

This is a modified course that will build on the basic concepts presented in Algebra I and Geometry to encourage higher order thinking. The students will analyze and apply a variety of methods to model and graph equations and inequalities. Students will also use algebraic, graphical, and numerical methods for analyze equations and functions.

**Science**

**973910 Biology Portfolio (10) 1 year, 1 Biology Credit (also titled Science Portfolio)**

This course is a survey of major concepts in modern biology. Students will develop a state required portfolio, which will be submitted in place of students taking the end of course exam. The dominant theme of the course explores relationships between living organisms and their environment. By the end of this course, students should be able to distinguish between different plant and animal groups and will have gained an understanding of behavior, genetics, reproduction, and physiology. Students will conduct scientific investigations in the laboratory and on field trips to the Lake Fayetteville Environmental Study Center.

**972201 Chemistry (11, 12) 1 year, 1 Chemistry Credit**

This is a modified course that studies the structure, composition, and properties of matter, and the chemical changes that matter undergoes. The course is designed to meet standards required by the state.

**972202 Botany/Zoology (11, 12) 1 year, 1 Science Credit**

This is a modified course that studies the structure, composition, and properties of matter, and the chemical changes that matter undergoes. The course is designed to meet standards required by the state.

**Elective Course(s)**

**971590 Transitions (12), 1 semester, 1 Local credit**

This course focuses on improving students' academic and functional skills in order to facilitate movement from school to postsecondary school activities such as postsecondary education, vocational education, integrated employment (including supported employment, continuing and adult education, independent living or community participation, and on the job training.

**Coteaching(CT) Courses**

The classes listed below will be taught by both a general education teacher and a special education teacher within the general education classroom. *Students will be provided modifications in instruction and assignment to meet goals outlined in their individual education plan.*

English	Math	Science	Social Studies
41100C CT English 10	43100C CT Geometry	42000C CT Biology	47000C CT American History
41200C CT English 11	43903C CT Algebraic Connections	42100C CT Chemistry	47100C CT World History
41300C CT English 12	43200C CT Algebra II		47210C CT Civics/Government

# ALTERNATIVE LEARNING COMMUNITY

## Agee Lierly Life Preparation Service Center - ALLPS

The Agee-Lierly Life Preparation & Services Center (ALLPS), an integral part of the Fayetteville School District, offers educational programs and services designed to support the development of students whose educational needs are not met by the traditional programs. These programs accommodate the many different learning styles of students and utilize a variety of methods and materials. The needs of the individual relative to personal, social, emotional, behavioral, essential learning, as well as career- and talent-development are carefully considered, and the appropriate provisions for meeting individual needs are developed.

### Referral Process

Student placement in the ALLPS Center will be determined by an Alternative Education Placement Team, which is made up of a school counselor, the ALLPS Director, a parent/guardian, and a regular classroom teacher. Students/parents may contact their existing counselor or the ALLPS Center directly to initiate the referral process.

In order to be considered for placement, a student must exhibit at least **two** qualifying characteristics, which include but are not limited to: *disruptive behavior, school dropout risk, personal or family problems, recurring absenteeism, transition to/from residential programs, abuse (physical, mental, sexual), homelessness, inadequate emotional support, mental/physical health problems, pregnancy, parenting teen, and frequent relocation of residency.*

Students accepted into the ALLPS Center will be placed as space becomes available. Students may be placed in the ALLPS Center full- or part- time depending on the student's individual needs. This program also addresses the needs of students who are not performing well in school and are at risk of dropping out of the conventional high school program. Regular school attendance is required to maintain enrollment at the ALLPS Center.

The ALLPS center provides opportunities for students to learn and practice positive behaviors, so that they may return to their schools with a new sense of personal pride and confidence. In addition to the programs mentioned above, the ALLPS Center also seeks to improve personal health habits, and promote a life free of drugs and violence.

The UPTOWN program provides for the credit-recovery and guided-study needs of ALLPS students using both paper and electronic course offerings. Students must be enrolled in ALLPS at least part-time to take courses in the UPTOWN center. UPTOWN's curricula include all the core courses and a number of appropriate electives. All courses comply with the Arkansas state frameworks. Materials are self-paced and can be started at any time during the semester. Credit is awarded when a student has completed assigned modules/units and passed all assessments with a minimum of 70%. All assignments to Uptown must be approved by the ALLPS counselor and/or administrator.

**For more information regarding the referral process, please see your child's current school counselor.**

### ALLPS COURSE NUMBERS

CORE COURSE OFFERINGS				
English	Math	Science	Social Studies	Required Electives
41000L English 9	43000L Algebra I	42300L Physical Science	47000L American History	41400L Oral Comm
41100L English 10	43100L Geometry	42501L Earth Science	47100L World History	55910L Fine Arts Drama I
41200L English 11	43903L Alg Connections	42000L Biology	47200L Civics/Government	48000L Health
41300L English 12	43200L Algebra II	42100L Chemistry	47430L Economics	48500L Physical Ed
ELECTIVE COURSE OFFERINGS				
49302L Child Development		49310L Family Dynamics		
49249L Computer Applications I		49385L Keystone		
49250L Computer Applications II		49319L Personal & Family Finances		
49251L Computer Applications III		49321L Parenting		
51906L Creative Writing I		47450L Sociology		
51906M Creative Writing II		49601L Service Learning		
47900L Cultural Studies		47901L Street Law		
		49388L Workplace Readiness		



## Appendix A: Graduation Requirements for the Class of 2013

Subject Area	Core	Smart Core	Honors Graduation
	This diploma <b>does not</b> qualify a student for the Lottery Scholarship, Waiver must be signed by parent for student to pursue this course of study.	This diploma <b>does</b> qualify a student for the Lottery Scholarship	Same Requirements as Smart Core and <b>does</b> qualify a student for the Lottery Scholarship. <b>Specific requirements are listed under Honors Graduation Requirements. See bottom of next page for list.</b>
<b>English</b>	<b>4 Credits</b> Grades 9-12	<b>4 Credits</b> Grades 9-12	<b>4 Credits</b> Grades 9-12
<b>Math</b>	<b>4 Credits</b> Algebra 1 Geometry 2 Credits in Additional Math	<b>4 Credits</b> Algebra I Geometry Algebra II 1 additional credit beyond Alg II	<b>4 Credits</b> Algebra I Geometry Algebra II 1 additional credit beyond Alg II
<b>Science</b>	<b>3 Credits</b> Physical Science Biology Any Other Science	<b>3 Credits</b> Biology 2 credits chosen from Physical Science, Chemistry or Physics	<b>3 Credits</b> Biology 2 credits chosen from Physical Science, Chemistry or Physics
<b>Social Studies</b>	<b>3 Credits</b> American History World History Civics/Government	<b>3 Credits</b> American History World History Civics/Government	<b>3 Credits</b> American History World History Civics/Government
<b>Physical Education</b>	<b>½ Credit</b>	<b>½ Credit</b>	<b>½ Credit</b>
<b>Oral Communications</b>	<b>½ Credit</b>	<b>½ Credit</b>	<b>½ Credit</b>
<b>Health</b>	<b>½ Credit</b>	<b>½ Credit</b>	<b>½ Credit</b>
<b>Fine Arts</b>	<b>½ Credit</b>	<b>½ Credit</b>	<b>½ Credit</b>
<b>Career Focus</b>	<b>6 Credits</b>	<b>6 Credits with 2 credits from the same world language is recommended, but not required</b>	<b>6 Credits with 2 of the credits from the same world language</b>
<b>Total</b>	<b>22 Credits</b>	<b>22 Credits</b>	<b>22 Credits</b>
<b>FHS Requirement</b>	<b>2 Additional Credits</b>	<b>2 Additional Credits</b>	<b>2 Additional Credits</b>
<b>Total</b>	<b>24 Credits for FHS Graduation</b>	<b>24 Credits for FHS Graduation</b>	<b>24 Credits for FHS Graduation</b>

## Appendix B: Graduation Requirements for the Class of 2014-15

Subject Area	Core	Smart Core	Honors Graduation
	This diploma <b>does not</b> qualify a student for the Lottery Scholarship. Waiver must be signed by parent for student to pursue this course of study.	This diploma <b>does</b> qualify a student for the Lottery Scholarship	Same Requirements as Smart Core and <b>does</b> qualify a student for the Lottery Scholarship. <b>Specific requirements are listed under Honors Graduation Requirements</b>
<b>English</b>	<b>4 Credits</b> <b>Grades 9-12</b>	<b>4 Credits</b> <b>Grades 9-12</b>	<b>4 Credits</b> <b>Grades 9-12</b>
<b>Math</b>	<b>4 Credits</b> Algebra 1 Geometry 2 Credits in Additional Math	<b>4 Credits</b> Algebra I Geometry Algebra II 1 additional credit from beyond Algebra II	<b>4 Credits</b> Algebra I Geometry Algebra II 1 additional credit from beyond Algebra II
<b>Science</b>	<b>3 Credits</b> Physical Science Biology Any Other Science	<b>3 Credits</b> Biology 2 credits chosen from Physical Science, Chemistry or Physics	<b>3 Credits</b> Biology 2 credits chosen from Physical Science, Chemistry or Physics
<b>Social Studies</b>	<b>3 Credits</b> American History World History Civics Economics	<b>3 Credits</b> American History World History Civics Economics	<b>3 Credits</b> American History World History Civics Economics
<b>Physical Education</b>	<b>½ Credit</b>	<b>½ Credit</b>	<b>½ Credit</b>
<b>Oral Communications</b>	<b>½ Credit</b>	<b>½ Credit</b>	<b>½ Credit</b>
<b>Health</b>	<b>½ Credit</b>	<b>½ Credit</b>	<b>½ Credit</b>
<b>Fine Arts</b>	<b>½ Credit</b>	<b>½ Credit</b>	<b>½ Credit</b>
<b>Career Focus</b>	<b>6 Credits</b>	<b>6 Credits with 2 credits from the same world language is recommended, but not required</b>	<b>6 Credits with 2 of the credits from the same world language</b>
<b>Total</b>	<b>22 Credits</b>	<b>22 Credits</b>	<b>22 Credits</b>
<b>FHS Requirement</b>	<b>2 Additional Credits</b>	<b>2 Additional Credits</b>	<b>2 Additional Credits</b>
<b>Total</b>	<b>24 Credits for FHS Graduation</b>	<b>24 Credits for FHS Graduation</b>	<b>24 Credits for FHS Graduation</b>

### HONORS GRADUATION - 2013-2015; Courses required for this designation are listed below.

- **Honors Graduate** – students must achieve a 3.0 GPA by end of 7<sup>th</sup> semester, complete Smart Core curriculum, take two years of the same world language, and meet the Honors Graduate Diploma requirements.
- **High Honors Graduate** – students must achieve a 3.5 GPA; meet the Honors Graduate Diploma requirements, with 5 Credits completed from the qualifying courses listed below.
- **Distinguished Honors Graduate** – students must achieve a 4.0 GPA; meet the Honors Graduate Diploma requirements, with 8 Credits completed from the qualifying courses listed below.

### Qualifying Courses for High/Distinguished Honors Graduates

Math	English	Science	Social Studies	Other
Pre-AP Algebra I Pre-AP Algebra II Pre-AP Geometry Pre-Cal/Trig AP Calculus AB AP Calculus BC AP Statistics College Algebra (.5) Finite Math (.5)	Pre-AP English (9) Pre-AP English (10) AP English Language and Composition (APLAC) AP English Literature (APLIT) English Composition I (.5) English Composition II (.5)	Pre-AP Physical Science (9) Pre-AP Biology AP Biology 38 B AP Physics C AP Environmental Science Pre-AP Chemistry AP Chemistry	Pre-AP Civics/Amer. Govt AP U. S. History AP World History AP European History AP Comparative Politics AP Macroeconomics AP Microeconomics AP Human Geography AP Psychology AP U. S. Government	Spanish III, IV, Pre-AP AP Spanish Language French III, IV, Pre-AP AP French Language German III, Pre-AP AP German Language AP Studio Art AP Music Theory A Cappella Choir

## Appendix C: Graduation Requirements for the Class of 2016 and Beyond

Any student enrolled in Fayetteville School District may receive a diploma after completing the following requirements:

CORE	SMART CORE	FAYETTEVILLE HONORS GRADUATION
*A two-year algebra equivalent or a two-year geometry equivalent may each be counted as two credits of the four (4) credit requirements under <b>Core Diploma requirements.</b>		
<b>English – 4 credits</b>	<b>English – 4 credits</b>	<b>English – 4 credits</b>
<b>Math – 4 credits</b> Algebra I or Algebra A/B (grades 7-8 or 8-9) Geometry, Geometry A/B (Grades 8-9 or 9-10), Other math credits must build on the base of algebra and geometry knowledge & skills	<b>Math – 4 credits</b> Algebra I or Algebra A/B (Grades 7-8 or 8-9) Geometry, Geometry AB (Grades 8-9 or 9-10), Algebra II, 4 <sup>th</sup> math beyond Algebra II	<b>Math – 4 credits – Algebra I, Geometry, Algebra II, and 4<sup>th</sup> math beyond Algebra II</b>
<b>Science – 3 credits</b> 1 credit of Biology, 1 credit chosen from a physical science, 1 credit of elective science	<b>Science – 3 credits</b> 1 credit of Biology, 2 credits chosen from a Physical Science, Chemistry or Physics	<b>Science – 3 credits,</b> 1 credit of Biology and 2 credits from Physical Science, Chemistry or Physics
<b>Social Studies – 3 credits</b> American History <b>and</b> World History <b>and</b> ½ credit of Civics <b>and</b> ½ credit of Economics	<b>Social Studies – 3 credits</b> American History <b>and</b> World History <b>and</b> ½ credit of Civics <b>and</b> ½ credit of Economics	<b>Social Studies – 3 credits–</b> 1 credit of American History, 1 credit of World History, ½ credit of Civics and ½ credit of Economics
<b>Physical Education - ½ credit of PE</b>	<b>Physical Education – ½ credit of PE</b>	<b>Physical Education – ½ credit PE</b>
<b>Health – ½ credit</b>	<b>Health – ½ credit</b>	<b>Health – ½ credit</b>
<b>Fine Arts – ½ credit</b> Art, music, fine arts drama	<b>Fine Arts – ½ credit</b> Art, music, fine arts drama)	<b>Fine Arts – ½ credit (art, music, fine arts drama)</b>
<b>Oral Communications – ½ credit</b>	<b>Oral Communications – ½ credit</b>	<b>Oral Communications – ½ credit</b>
<b>Career Focus Area – 6 credits</b>	<b>Career Focus Area – 6 credits</b>	<b>Career Focus Area – 6 credits</b>
<b>FHS Additional Career Focus Area = 2 credits</b>	<b>FHS Additional Career Focus Area = 2 credits</b>	<b>World Language – 2 credits from same world language</b>
<b>Total – 24 Credits</b>	<b>Total – 24 Credits</b>	<b>Total – 24 Credits</b>

- **Honors Graduate** - students must achieve a 3.5 GPA by the end of the 7<sup>th</sup> semester, and meet the Honors Graduate requirements with 8 credits completed from the qualifying courses listed below. Students must also complete two (2) years of the same world language.
- **High Honors Graduate** - students must achieve a 3.75 GPA, by the end of the 7<sup>th</sup> semester, and meet the Honors Graduate requirements with 10 Credits completed from the qualifying courses listed below. Students must also complete three (3) years of the same world language and five (5) credits of math.
- **Distinguished Honors Graduate** - students must achieve a 4.0 GPA, by the end of the 7<sup>th</sup> semester, and meet the Honors Graduate requirements with 12 credits completed from the qualifying courses listed below. Students must also complete three (3) years of the same world language and five (5) credits of math.

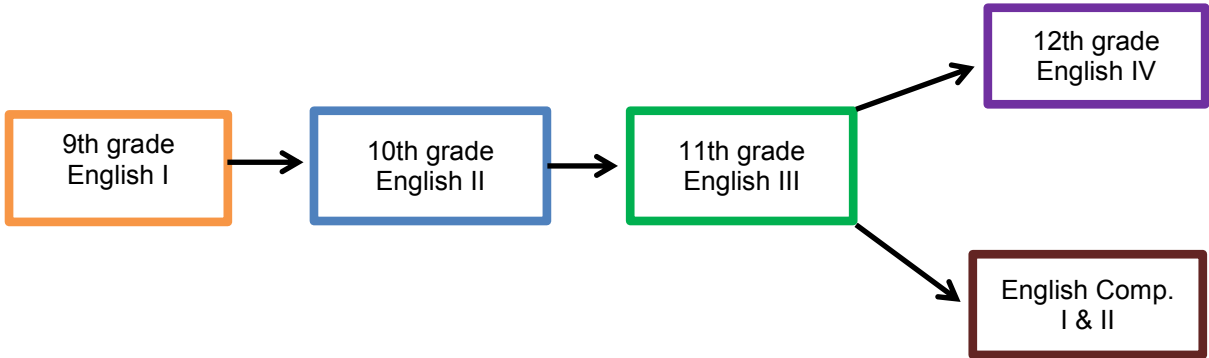
### Qualifying Courses for High/Distinguished Honors Graduates

Math	English	Science	Social Studies	Other
Pre-AP Algebra I Pre-AP Algebra II Pre-AP Geometry Pre-Cal/Trig AP Calculus AB AP Calculus BC AP Statistics College Algebra (.5) Finite Math (.5)	Pre-AP English (9) Pre-AP English (10) AP English Language and Composition (APLAC) AP English Literature (APLIT) English Composition I (.5) English Composition II (.5)	Pre-AP Physical Science (9) Pre-AP Biology AP Biology AP Physics B AP Physics C AP Environmental Science Pre-AP Chemistry AP Chemistry	Pre-AP Civics/Amer. Govt AP U. S. History AP World History AP European History AP Comparative Politics AP Macroeconomics AP Microeconomics AP Human Geography AP Psychology AP U. S. Government	Spanish III, IV, Pre-AP Pre-AP/AP Spanish Language French III, IV, Pre-AP AP French Language German III, Pre-AP AP German Language AP Studio Art AP Music Theory A Cappella Choir

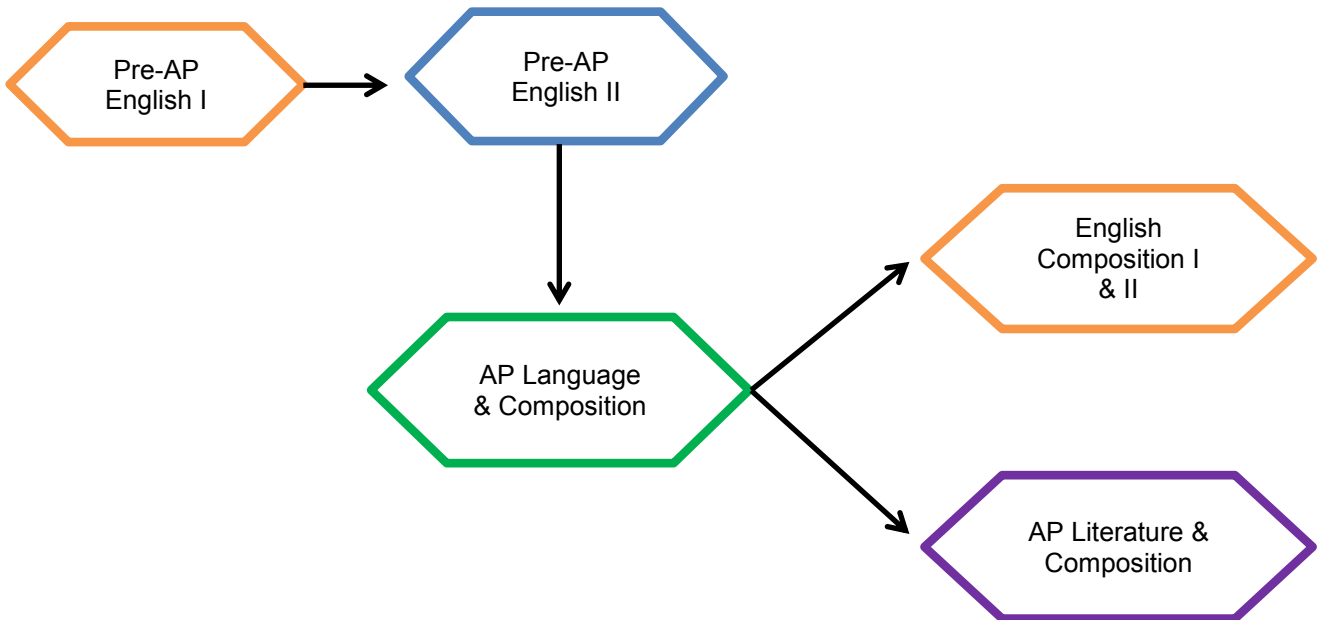
# Appendix D: English Course Sequence Charts

## Course Sequence For English Language Arts

### GENERAL PROGRAM

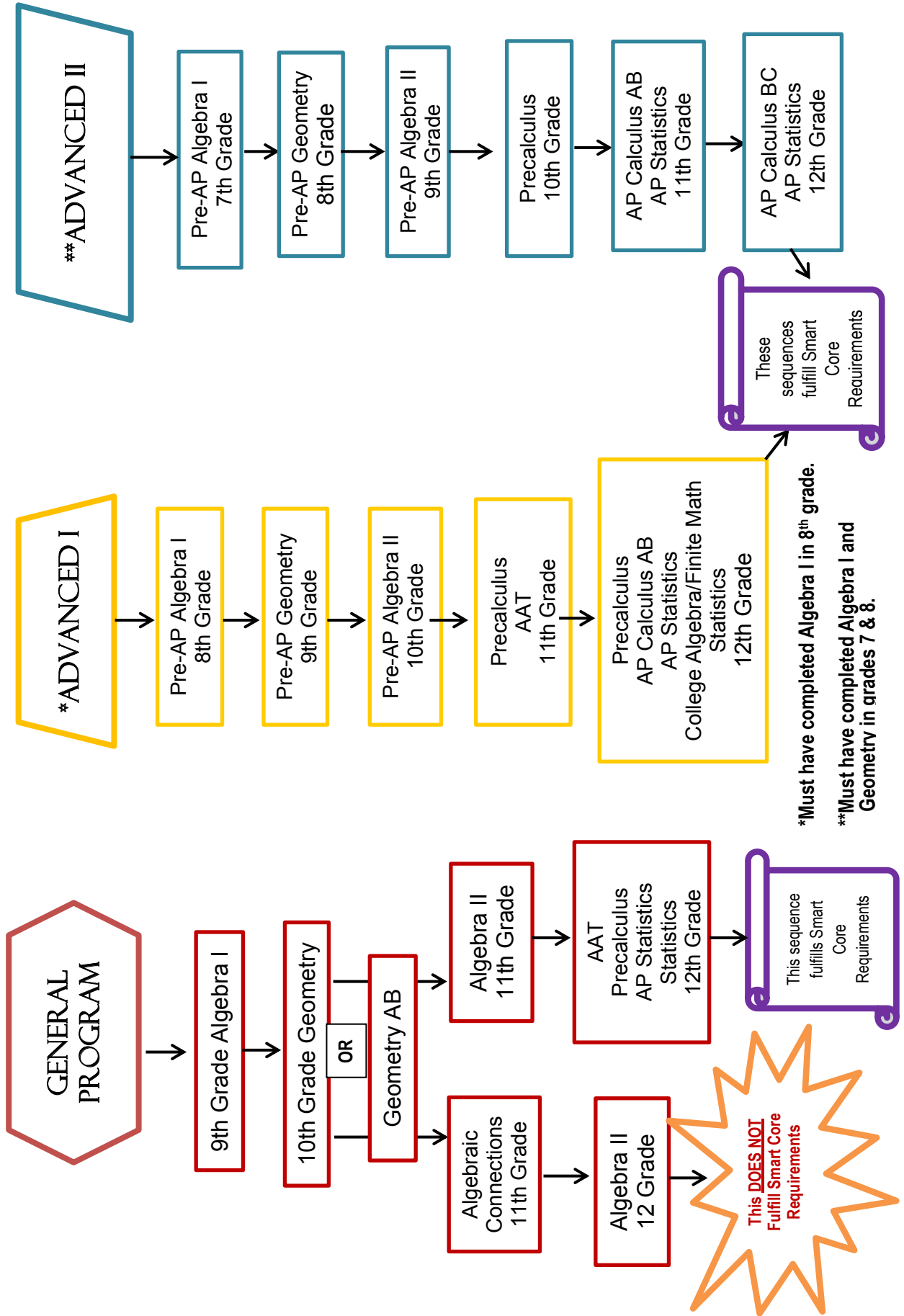


### ADVANCED PROGRAM



# Appendix E: Mathematics Course Sequence Charts

## Course Sequence For Mathematics

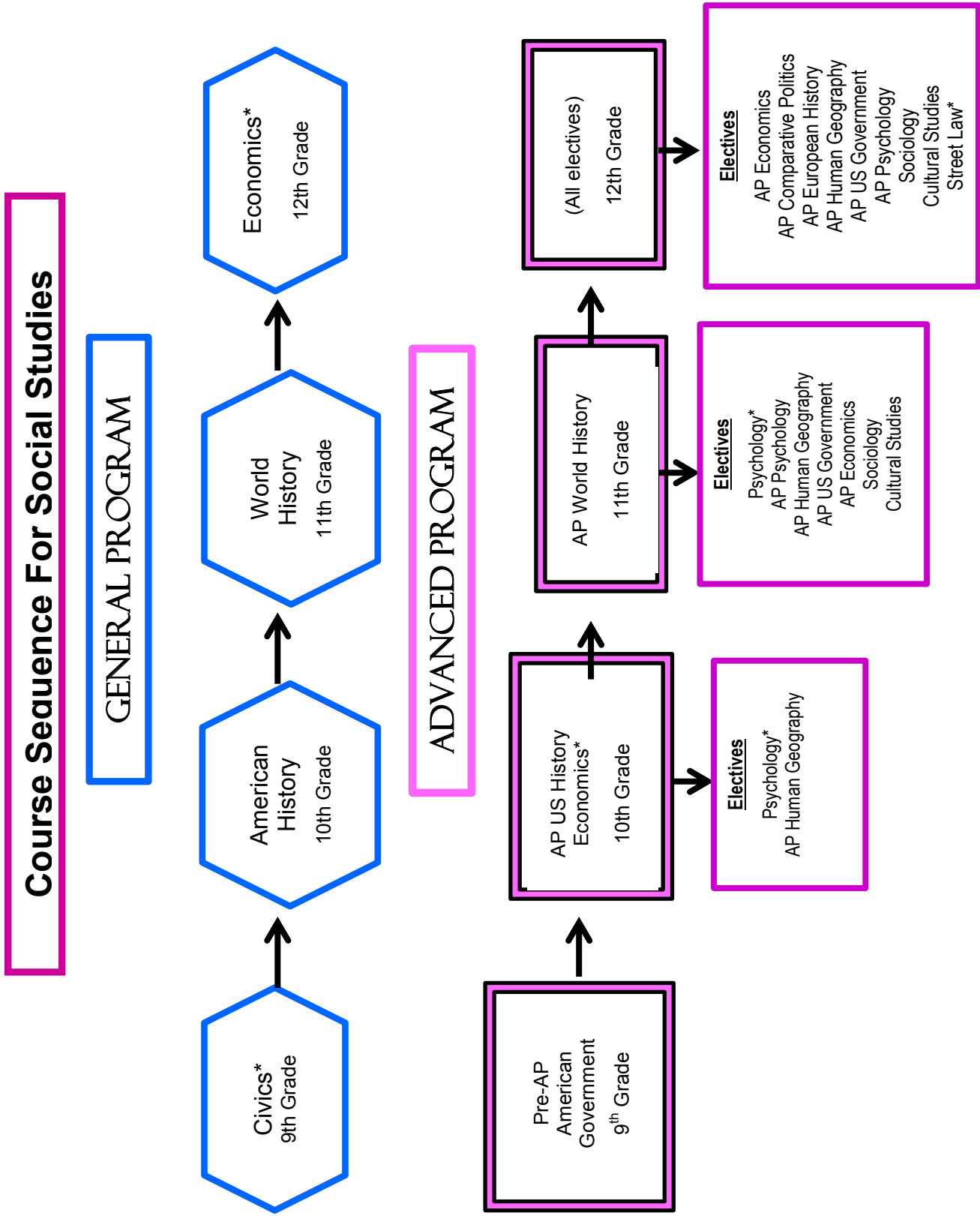


## Appendix F: Science Course Sequence Charts

### Course Sequence For Science

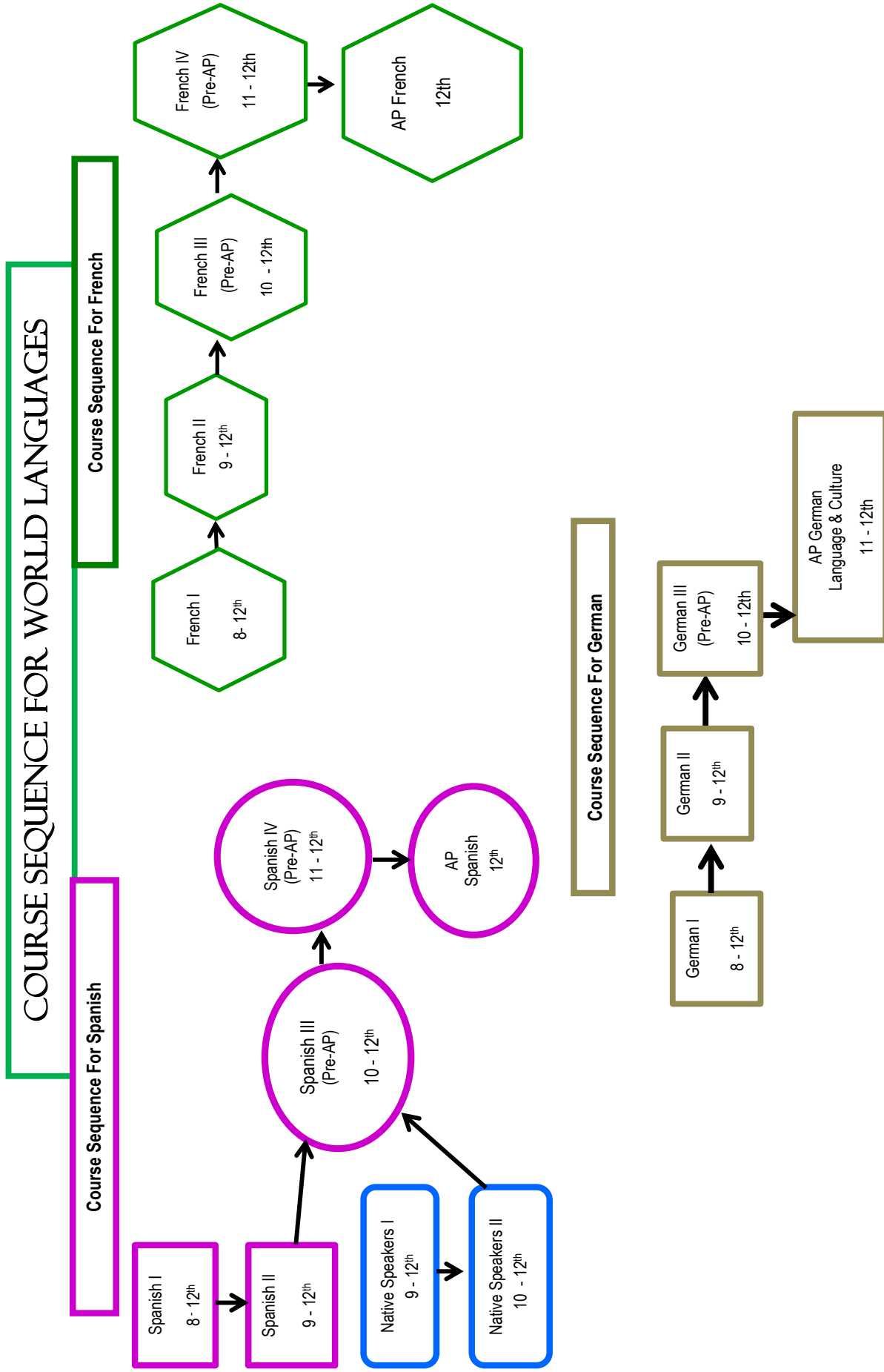
<b>Core Sequence</b>	<b>Smart Core Sequence</b>
<u>9<sup>th</sup> Grade</u>	<u>9<sup>th</sup> Grade</u>
Physical Science, Pre-AP Biology	Physical Science, Pre-AP Biology
<u>10<sup>th</sup> Grade</u>	<u>10<sup>th</sup> Grade</u>
Biology, Pre-AP Biology	Biology, Pre-AP Biology
<u>11<sup>th</sup> Grade</u>	<u>11<sup>th</sup> or 12<sup>th</sup> Grade</u>
Any other science course covered in this course description book.	Physics OR Chemistry
<p>Any student entering 9<sup>th</sup> grade who desires an advanced sequence of science courses should consult his/her counselor or Advisor.</p> <p>Information on Advance Placement science courses and requirements for Honors, High Honors and Distinguished Graduates can found by viewing Appendix A-C.</p>	

# Appendix G: Social Studies Course Sequence Charts



Course marked with (\*) are one semester. Students are welcome to enroll in any AP Class.

# Appendix H: World Language Course Sequence Charts













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