



# Table of Contents

Table of Contents.....	1
Introduction and Minimum Graduation Requirements .....	2
Core, Smart Core, Honor Graduate and Valedictorian/Salutatorian Requirements.....	3
Course Code Listing .....	5 - 6
 <b>Course Descriptions – Core Courses</b>	
English Language Arts.....	7 - 10
Mathematics .....	11 - 15
Science .....	16 - 18
Social Studies .....	19 - 20
 <b>Course Descriptions – Career Focus Electives</b>	
Foreign Language .....	21
 Fine Arts	
Visual Arts.....	21
Music.....	22 - 23
 Health.....	
Physical Education.....	24
Driver’s Education .....	24
Teacher Cadet.....	24
 <b>Career and Technical Education</b>	
Career and Technical Education Programs of Study.....	25
Agriculture .....	26
Business.....	27
Family and Consumer Science .....	28
Criminal Justice.....	29
Career Ready 101 Online.....	30
JAG.....	30
Medical Professions.....	30
 Other Online Offerings through Virtual Arkansas .....	
Special Education.....	31
Athletics.....	32
Concurrent Credit Technical Programs (CNA, EMT, Welding) .....	33
Clubs and Organizations.....	34

# SOUTHSIDE HIGH SCHOOL COURSE CATALOG

This course catalog is designed to help students select courses for next school year; however, students should refer to the student handbook for specific policies. Students should give graduation requirements and career goals careful thought and consideration as they make course selections. All students are encouraged to map out a course of study following Smart Core and to seek the advice of parents, counselors, teachers, mentors and administrators.

As students prepare to enter the 9<sup>th</sup> grade, and each year thereafter a Career Action Planning (CAP) conference is held with a counselor or teacher/adviser to develop a four-year plan. Each spring, CAP conferences are held for parents and students to review and update the plan. From this conference a career focus is selected and schedules are devised that will assist the student in arriving at the designated graduation plan. Schedules and career plans are revised when the student fails a course or has scheduling conflicts. All students are required to participate in the Smart Core curriculum unless their parent or guardian signs a *Smart Core Waiver Form*.

## Schedule Change Information and Policy

We make every attempt to create a master schedule that allows students to select the classes they need and want. While every effort is made to help students find a workable schedule, in some cases, conflicts exist and students must take alternative classes. The school administrators, counselors, and teachers work together in making decisions that guide students into appropriate courses. Student performance on local, state, and national assessments is used to determine placement. Please register accurately and give careful consideration to the selections made. All requests for schedule changes must be made within the first week of a semester. Approval by the parent, teacher and principal is necessary for any addition/deletion of a course. Schedules will only be changed if other classes are open and there are extenuating circumstances as determined by the principal.

## MINIMUM GRADUATION REQUIREMENTS FOR SOUTHSIDE HIGH SCHOOL

English.....	4 units
Mathematics.....	4 units
(Must include one unit of Algebra I or its equivalent and one unit of Geometry).	
Science.....	3 units
(Must include one unit of a physical science and one unit of a life science)	
Social Studies.....	3 units
Must include:	
½ unit of Civics or Government and ½ unit of Economics	
One unit of World History	
One unit of US History	
Physical Education.....	1/2 unit
Health & Safety.....	1/2 unit
Fine Arts.....	1/2 unit
Oral Communication.....	1/2 unit
Digital (online) Learning Course .....	1/2 unit
<u>CAREER FOCUS ELECTIVES .....</u>	<u>6 ½ units</u>

TOTAL MINIMUM NUMBER OF CREDITS REQUIRED TO GRADUATE.....23 UNITS

NOTE: Smart Core is Arkansas's college-and-career-ready curriculum for high school students. College-and career-readiness in Arkansas means that students are prepared for success in entry-level, credit-bearing courses at two-year and four-year colleges and universities, in technical postsecondary training, and in well-paid jobs that support families and have pathways to advancement. Smart Core *is the foundation* for college- and career-readiness. All students should supplement with additional rigorous coursework within their career focus. All students will participate in the Smart Core curriculum unless the parent or guardian waives a student's right to participate. The parent must sign the separate Smart Core Waiver Form to do so and the student will be required to participate in Core. Smart Core is the recommended route for students who plan to pursue NCAA eligibility.

## REQUIREMENTS FOR HONOR GRADUATES

Students who have successfully completed the Smart Core curriculum, two years of the same foreign language, and have a cumulative GPA of 3.25 or higher will be designated as Honor Graduates. The GPA shall be derived from the student's full (8 semesters) academic record

### VALEDICTORIAN / SALUTATORIAN

To be considered Valedictorian or Salutatorian, students must take at least three Pre AP courses and take at least five AP courses from the list below AND have the highest overall GPA.

#### At least Three Pre AP Courses

1. Pre AP English 9
2. Pre AP English 10
3. Pre AP Algebra I
4. Pre AP Geometry
5. Pre AP Algebra II
6. Pre AP Pre-Calculus
7. Pre AP Physical Science
8. Pre AP Biology
9. Pre AP Chemistry
10. Pre AP World History

#### AND

#### At least Five AP Courses

1. AP English Language
2. AP English Literature
3. AP Calculus
4. AP Biology
5. AP Chemistry
6. AP US History
7. AP Music Theory

### ADVANCED PLACEMENT (AP) COURSES

#### **Pre AP = Pre-Advanced Placement**

**AP = Advanced Placement** \*Please note\* In compliance with Arkansas State Act 102 students must be enrolled in AP Courses all year and take the approved Advanced Placement exam for each course in which they are enrolled in order to retain the weighted calculations for that course. AP courses receive weighted course status and as such will receive extra points when figured into the grade point average. Credit shall be given for each grading period during the year, but shall be retroactively removed from a student's

	<u>SMART CORE CURRICULUM</u>	<u>SHS HONOR GRADUATE</u> <u>(recommended for NCAA)</u>
<p>GPA for any AP course in which the student withdraws from the course or fails to take the applicable AP exam.<b>CORE CURRICULUM</b></p> <p><b>English-4 units (years)</b></p> <ul style="list-style-type: none"> <li>• English 9th grade</li> <li>• English 10th grade</li> <li>• English 11th grade</li> <li>• English 12th grade</li> </ul> <p><b>Mathematics-4 units (years)</b></p> <ul style="list-style-type: none"> <li>• Algebra or its equivalent* 1 unit</li> <li>• Geometry or its equivalent* 1 unit</li> </ul> <p>All math units must build on the base of algebra and geometry knowledge and skills. (Comparable concurrent credit college courses may be substituted where applicable.) *A two-year algebra equivalent or a two-year geometry equivalent may each be counted as two units of the four (4) requirements.</p> <p><b>Science-3 units (years)</b></p> <ul style="list-style-type: none"> <li>• At least one (1) unit of Biology</li> <li>• A Physical Science</li> </ul> <p><b>Social Studies 3 units(years)</b></p> <ul style="list-style-type: none"> <li>• ½ unit of Civics or Government and ½ unit of Economics</li> <li>• World History</li> <li>• US History</li> </ul> <p>½ unit (1/2 year) of each of the following:</p> <ul style="list-style-type: none"> <li>• Physical Education</li> <li>• Health &amp; Safety</li> <li>• Fine Arts</li> <li>• Oral Communication</li> <li>• Digital Learning (on-line) Course</li> </ul> <p><b>Career Focus - 6 ½ units</b></p>	<p><b>English-4 units (years)</b></p> <ul style="list-style-type: none"> <li>• English 9<sup>th</sup> grade</li> <li>• English 10<sup>th</sup> grade</li> <li>• English 11<sup>th</sup> grade</li> <li>• English 12<sup>th</sup> grade</li> </ul> <p><b>Mathematics -4 units (years)</b></p> <ul style="list-style-type: none"> <li>• Algebra I or Algebra A &amp; B</li> <li>• Geometry or Geometry A &amp; B</li> <li>• Algebra II</li> <li>• Higher Math - Choice of: Adv. Topics in Math, Pre-Calculus, Calculus, or Algebra III (Comparable concurrent credit college courses may be substituted where applicable.)</li> </ul> <p><b>Natural Science-3 units (years) with lab experience may be chosen from:</b></p> <ul style="list-style-type: none"> <li>• Physical Science</li> <li>• Biology</li> <li>• Chemistry</li> <li>• Physics</li> </ul> <p><b>Social Studies-3 units (years)</b></p> <ul style="list-style-type: none"> <li>• ½ unit of Civics and ½ unit of Economics</li> <li>• World History</li> <li>• US History</li> </ul> <p>½ unit (1/2 year) in each of the following:</p> <ul style="list-style-type: none"> <li>• Physical Education</li> <li>• Health &amp; Safety</li> <li>• Fine Arts</li> <li>• Oral Communication</li> <li>• Digital Learning (on-line) Course</li> </ul> <p><b>Career Focus - 6 ½ units</b></p>	<p><b>English-4 units (years)</b></p> <ul style="list-style-type: none"> <li>• English 9<sup>th</sup> grade</li> <li>• English 10<sup>th</sup> grade</li> <li>• English 11<sup>th</sup> grade</li> <li>• English 12<sup>th</sup> grade</li> </ul> <p><b>Mathematics -4 units (years)</b></p> <ul style="list-style-type: none"> <li>• Algebra I or Algebra A &amp; B</li> <li>• Geometry</li> <li>• Algebra II</li> <li>• Higher Math - Choice of: Adv. Topics in Math, Pre-Calculus, Calculus, or Algebra III (Comparable concurrent credit college courses may be substituted where applicable.)</li> </ul> <p><b>Natural Science-3 units (years) with lab experience may be chosen from:</b></p> <ul style="list-style-type: none"> <li>• Physical Science</li> <li>• Biology</li> <li>• Chemistry</li> <li>• Physics</li> </ul> <p><b>Social Studies-3 units (years)</b></p> <ul style="list-style-type: none"> <li>• ½ unit of Civics and ½ unit of Economics</li> <li>• World History</li> <li>• American History</li> </ul> <p>½ unit (1/2 year) in each of the following:</p> <ul style="list-style-type: none"> <li>• Physical Education</li> <li>• Health &amp; Safety</li> <li>• Fine Arts</li> <li>• Oral Communication</li> <li>• Digital Learning (on-line) Course</li> </ul> <p><b>Career Focus - 6 ½ units (must include 2 units of the same foreign language)</b> <b>Also must have 3.25 or higher cumulative GPA</b></p>



Course #	Course Name (S) denotes semester long	Course #	Course Name	Course #	Course Name	Course #	Course Name
<b>ENGLISH LANG. ARTS</b>		<b>MATHEMATICS</b>		<b>SCIENCE</b>		<b>SOCIAL STUDIES</b>	
410000	English 9	430000	Algebra I	423000	Physical Science	472000	Civics (S)
41000A	Pre AP English 9	43000A	Pre AP Algebra I	42300A	Pre AP Phys. Sci.	474300	Economics (S)
411000	English 10	430100	Algebra I A	420000	Biology	471000	World History
41100A	Pre AP English 10	430200	Algebra I B	42000A	Pre-AP Biology	47100A	Pre AP World History
412000	English 11	431000	Geometry	421000	Chemistry	470000	US History
517030	AP English Language	43100A	Pre AP Geometry	42100A	Pre AP Chemistry	570020	AP U.S. History
413000	English 12	431100	Geometry A	424020	Environmental Science	474400	Psychology (S)
517040	AP English Literature	431200	Geometry B	424030	Anatomy/Phys.	474600	World Geography (S)
519940	Concurrent Eng. Comp I for 1 <sup>st</sup> sem. Eng. 12(S)	435000	Bridge to Algebra II	422000	Physics		
519900	Concurrent Eng. Comp. II for 2 <sup>nd</sup> sem. Eng. 12(S)	432000	Algebra II	521030	AP Chemistry	<b>SPECIAL EDUCATION</b>	
51994L	Concurrent World Lit. for Eng. 12 (S)	43200A	Pre AP Algebra II	520030	AP Biology	972100	Language Arts
414000	HS Oral Comm.(S)	439050	Advanced Topics in Math			972120	ELA Alt. Assessment
414100	HS Embedded Oral Comm. with English 11	439070	Algebra III			972300	Math
514000	Concurrent Oral Comm.(S)	43300A	Pre AP Pre-Calculus			972350	Math Alt. Assessment
416000	Drama (S)	534040	AP Calculus AB			972310	Resource Math w/Alg. I
		539900	Concurrent College Alg. (S)			972320	Resource Math w/Geom.
						973910	Science Alt. Assess.
<b>FINE ARTS</b>		<b>ADDITIONAL COURSES</b>		<b>TEACHER CADET</b>		<b>FOREIGN LANGUAGE</b>	
45000S	Visual Art I (S)	480000	Health (S)	497100	Teacher Cadet	440000	Spanish I
450000	Visual Art I (Year)	48000D	Health(S-Online)			440020	Spanish II
450030	Visual Art II	48500S	PE (S)				
450040	Visual Art III	485000	PE (Year)				
450050	Visual Art IV						
451010	Beginning Band	690040	Driver's Ed. (S)				
451000	Band I						
451040	Band II						
451050	Band III						
451060	Band IV						
45100F	Winter Guard (Flag)					99981F	Football
696000	Piano I					99981B	Basketball
459010	Music Theory					99982V	Volleyball
559010	AP Music Theory						
452000	Select Choir I						
452040	Select Choir II						
452050	Select Choir III						
452060	Select Choir IV						
45200A	Vocal Music I						
45204B	Vocal Music II						
45205C	Vocal Music III						
45206D	Vocal Music IV						

Course #	Course Name (S) denotes semester long	Course #	Course Name	Course #	Course Name	Course #	Course Name
<b>CTE - AGRICULTURE</b>		<b>CTE - BUSINESS</b>		<b>CTE - CRIMINAL JUSTICE</b>		<b>CTE - FAMILY/CONSUMER SCIENCE</b>	
491150	Survey Ag. Systems	492120	Computer Business Apps	494620	Intro to Criminal Justice	493080	Family & Con. Science
491180	Animal Science I (S)	492360	DC III-Digital Media (S)	494630	Found. of Law Enforcement	493110	Foods & Nutrition (S)
491200	Animal Science II (S)	492370	DC IV-Digital A/V Prod.(S)	494600	Crime Scene Investigation	493140	Housing/ Inter. Design (S)
491420	Equine Science (S)	<b>EAST</b>				493030	Clothing (S)
491340	Plant Science (S)	560010	EAST I	<b>JAG</b>		493020	Child Develop.(S)
491390	Ag. Mechanics	560020	EAST II	493780	JAG Class	493210	Parenting (S)
491380	Agri. Metals	560030	EAST III	99900J	JAG – 5th period	493010	Childcare Guidance
		560040	EAST IV	493806	JAG Work (6 <sup>th</sup> )		
		56001Y	EAST/Yearbook	493807	JAG Work (7 <sup>th</sup> )		
<b>Online Virtual AR Courses</b>		<b>Online Virtual AR Courses</b>		<b>UACCB</b>			
<b>Semester Courses</b>		<b>Yearlong Courses</b>		<b>Industrial Technology Welding</b>			
				590860	Welding I (Fall)		
69600D	ACT Prep English & Reading	49603D	Trans. Literacy Ready	590321	Industrial Safety (Fall)		
69600D	ACT Prep Math & Science	43911D	Transitional Math Ready	590330	Engineering Drawings (Spring)		
49391D	Career Ready101			590322	Technical Methods (Spring)		
49219D	Fashion Merchandising. (Spring only)	41500D	Journalism				
		44901D	Amer. Sign Language I	<b>CNA</b>			
49534D	Intro. to Medical Professions .(Fall)	44902D	Amer. Sign Language II	590710	CNA I (Spring)		
49536D	Medical Terminology			590720	CNA II (Spring)		
49533D	Medical Procedures						
45310D	Visual Art Appreciation						
49264D	Sports & Entertainment Marketing			<b>EMT</b>			
46501D	Computer Science w/Programming/ Coding Level 1			596501	Medical Terminology (Fall)		
46502D	Computer Science w/ Programming/ Coding Level II			590260	First Responder (Fall)		
46521D	Computer Science w/ Info. Security Level I			590680	EMT I (Spring)		
46522D	Computer Science w/ Info. Security Level II			590690	EMT II (Spring)		
47450D	Sociology						

# **LANGUAGE ARTS**

(Four units of English are required for graduation)

## **ENGLISH 9 - 410000**

Grades 09, 10, 11, 12

2 Semesters = 1 credit

Prerequisites: None

English 9 is designed to both introduce students to a variety of literary genres, including short story, poetry, epic, drama, and the novel, and to continue their study of literary conventions, including theme characterization, irony, plot and setting. Assignments designed to enhance learning and interest includes grammar lectures, writing assignments, and various readings. The course explores and analyzes writings from all over the world, with the intention of broadening students' horizons and introducing them to the world as seen through quality pieces of literature. Students will be given the opportunity to create original compositions such as narratives, character analyses, argumentative essays, and critical reviews. Throughout the course, students will be continuing their study of mechanical structure, grammar, and MLA guidelines.

## **PRE AP ENGLISH 9 – 41000A**

Grade 09

2 Semesters = 1 credit

Recommendation: 'B' or better in English courses.

The Pre AP program is designed to prepare students for the Advanced Placement Program, which becomes available to qualified students in the 11<sup>th</sup> grade. This course shares many aspects of the English 9 course. However, the Pre AP course is structured to delve deeper and move faster than English 9. The focus is placed on thematic units that requires outside reading requirements as well as a variety of writing exercises designed to enhance literary skill and to challenge the student to take responsibility for much of their own learning in and out of the classroom.

## **ENGLISH 10 - 411000**

Grades 09, 10, 11, 12

2 Semesters = 1 credit

Prerequisites: None

English 10 is designed to introduce students to a variety of literary genres including poetry, drama, short stories, the novel, essays, and non-fiction. Students will learn rhetorical and literary terminology and use these terms in both oral discussions and written work. This course also involves a variety of writing exercises. Students will write responses to literature, create original writing pieces, and conduct research following MLA guidelines.

## **PRE AP ENGLISH 10 – 41100A**

Grade 10

2 Semesters = 1 credit

Recommendation: 'B' or better in English courses and completion of Pre AP English 9.

The Pre AP English 10 class is designed to prepare students for Advanced Placement English Language and Literature in 11<sup>th</sup> and 12<sup>th</sup> grade. Emphasis is placed on literary analysis and composition skills. The course focuses on thematic units and the continuation of rhetorical use strategies from Pre AP English 9. The Pre AP course is structured to delve deeper and move faster than English 10. Students will have regular reading and writing assignments that require self-discipline and self-learning. In comparison to English 10, a much higher commitment to preparation and work outside the classroom must be made.

## **ENGLISH 11 - 412000**

Grades 10, 11, 12

2 Semesters = 1.5 credit (w/Oral Comm. 414100 embedded)

Prerequisites: None

Students are provided with the opportunity to enhance their educational experience by investigating a variety of cross-curricular studies. These opportunities include studies in grammar, research projects, writing assignments, and reading American literature. The course explores writings from the colonial period to the late twentieth century using multiple sources of interdisciplinary instruction. Students are given opportunities to analyze historical and informational texts as they study the composition of the works and then compose original writing samples such as narratives, character analyses, persuasive and argumentative essays, critical reviews, and a documented research paper. Throughout the course, students study mechanical structure, bibliographic documentation, and elaborative expression.

*Special Information: Oral Communication (414100) is embedded in this course. Students who successfully pass this course will receive both English 11 and Oral Communication credit.*

## **AP ENGLISH LANGUAGE and COMPOSITION - 517030**

Grade 11

2 Semesters = 1 credit (weighted)

Recommendation: 'B' or better in English courses and completion of Pre AP English 9 & 10

AP English Language is designed to prepare students for college and the AP Language exam. Emphasis is placed on rhetorical analysis and composition skills. The focus of the course is placed on a variety of texts including American and world literature as well as the cultural aspects that are inherent in these types of literature. A special emphasis is also placed upon the analysis of current events using articles, cartoons, photographs and news releases... Many opportunities will be provided to compose in a variety of modes and for a variety of purposes. Students will be expected to complete many individual projects, including a carefully documented research papers. ***Much time, effort and commitment must be made by the student to excel in this class.***

Please note\* In compliance with Arkansas State Act 102 students must be enrolled in AP Courses all year and take the approved Advanced Placement Test for each course in which they are enrolled in order to retain the weighted calculations for that course.





## **ENGLISH 12- 413000**

Grades 11, 12  
2 Semesters = 1 credit  
Prerequisites: None

The English 12 class is designed to prepare students to evaluate a variety of literature and to produce a variety of written products including essays, a research project, functional documents. Students will practice communicating their ideas orally in large and small groups, and in both formal and informal settings.

## **AP ENGLISH LITERATURE and COMPOSITION- 517040**

Grade 12  
2 Semesters = 1 credit (weighted)  
Recommendation: 'B' or better in English courses and completion of AP English Language

The Advanced Placement Literature class is designed to prepare students for college and for the AP exam. Students study the short story, the novel, works of poetry and drama with emphasis on British and World Literature. Students will be expected to complete many individual and group projects, including carefully documented research papers. Student writing will focus on the response to literature in the form of interpretation, analysis, and evaluation, but they will also write persuasively, reflectively, and creatively. ***Much time, effort and commitment must be made by the student to excel in this class.*** If a student fails to make a "B" or better at semester, the teacher may recommend the student be transferred to a regular English class.  
Please note\* In compliance with Arkansas State Act 102 students must be enrolled in AP Courses all year and take the approved AP test for each course in which they are enrolled in order to retain the weighted grade.

## **CONCURRENT ENGLISH COMP. I (FALL) – 519940** **CONCURRENT ENGLISH COMP. II (SPRING) – 519902**

Fee: based on tuition per credit hr. at UACCB  
Grade 12  
Each semester = 1 credit  
Prerequisites: at least 3.0 cumulative GPA and at least a 19 on the English and Reading portion of the ACT

This is a very demanding course with a strict attendance policy. Much time and effort must be dedicated in order to be successful

## **CONCURRENT CREDIT WORLD LIT. (FALL) – 51994L**

Grade 12  
1 Semester = 1 credit  
Fee: based on tuition per credit hr. at UACCB  
Prerequisites: at least 3.0 cumulative GPA and at least a 19 on the English and Reading portion of the ACT

This is a very demanding course with a strict attendance policy. Much time and effort must be dedicated in order to be successful

## **ORAL COMMUNICATION – 414000**

Grades 11, 12  
1 Semester = .5 credit  
Prerequisites: None

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

*Special Information: **Oral Communication (414000) is embedded in the English 11 course. Students who successfully pass this course will receive both English 11 and Oral Communication credit.***

## **CONCURRENT CREDIT ORAL COMMUNICATION – 514000**

Grades 11, 12  
1 Semester = 1 credit  
Prerequisites: at least 3.0 cumulative GPA and at least a 19 on the English and Reading portion of the ACT

This is a very demanding course with a strict attendance policy. Much time and effort must be dedicated in order to be successful.

## **DRAMA - 416000**

Grades 10, 11, 12  
1 Semester = .5 credit  
Recommendation: Oral Communications

Drama is primarily a production class for either contests or the public. The various aspects of play production plus insight into the structure, variety, and history of drama are explored.

## **JOURNALISM I – 41500D**

Grades 10, 11, 12  
2 Semesters = 1 credit  
Recommendation: 'B' or better in English, able to work closely with others and meet deadlines.

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

# **MATHEMATICS**

## **CCSS-M = Common core State Standards for Mathematics**

(Four units of Math are required for graduation)

### **POSSIBLE COURSE SEQUENCES**

Sequence 1	Sequence 2	Sequence 3	Sequence 4	Sequence 5	Sequence 6
8 <sup>th</sup> Grade: PreAP Math	8 <sup>th</sup> Grade: PreAP Math	8 <sup>th</sup> Grade: 8 <sup>th</sup> Math	8 <sup>th</sup> Grade: 8 <sup>th</sup> Math	8 <sup>th</sup> Grade: 8 <sup>th</sup> Math	8 <sup>th</sup> Grade: 8 <sup>th</sup> Math
9 <sup>th</sup> Grade: PreAP Algebra 1	9 <sup>th</sup> Grade: PreAP Algebra 1	9 <sup>th</sup> Grade: Algebra 1	9 <sup>th</sup> Grade: Algebra 1	9 <sup>th</sup> Grade: Algebra A	9 <sup>th</sup> Grade: Algebra A
10 <sup>th</sup> Grade: Pre AP Algebra 2 and Geometry	10 <sup>th</sup> Grade: Pre AP Algebra 2 and Geometry	10 <sup>th</sup> Grade: Geometry	10 <sup>th</sup> Grade: Geometry	10 <sup>th</sup> Grade: Algebra B and Geometry A	10 <sup>th</sup> Grade: Algebra B
11 <sup>th</sup> Grade: Pre-Calculus	11 <sup>th</sup> Grade: Pre-Calculus	11 <sup>th</sup> Grade: Algebra 2	11 <sup>th</sup> Grade: Bridge to Algebra 2	11 <sup>th</sup> Grade: Geometry B	11 <sup>th</sup> Grade: Geometry A
12 <sup>th</sup> Grade: AP Calculus <i>College credited granted only by score on AP Exam (see your college)</i>	12 <sup>th</sup> Grade: College Algebra Or Algebra 3	12 <sup>th</sup> Grade: College Algebra, Advance Topics, Algebra 3, or Pre- Calculus	12 <sup>th</sup> Grade: Algebra 2	12 <sup>th</sup> Grade: Bridge to Algebra 2	12 <sup>th</sup> Grade: Geometry B
Future Story Considerations: If going into a field that requires advanced mathematics	Future Story Considerations: If students do not want to take Calculus	Future Story Considerations: If students take Technical Math, they will be on Core track	Future Story Considerations: Students whose MAP score is within a few points above or below 235 after Algebra 1	Future Story Considerations: Students whose MAP scores are below Algebra ready, but would like to complete technical pathways	Future Story Considerations: Students whose MAP scores are below Algebra ready, but would like to complete technical pathways
<b>Smart Core</b>	<b>Smart Core</b>	<b>Smart Core or Core</b>	<b>Core</b>	<b>Core</b>	<b>Core</b>
MAP Data @ Start of grades 7 <sup>th</sup> : 230 or above 8 <sup>th</sup> : 235 or above 9 <sup>th</sup> : 238 or above 10 <sup>th</sup> : 245 or above Or Level 4 or 5 on PARCC/ Level 3 or 4 on ACT Aspire	MAP Data @ Start of grades 7 <sup>th</sup> : 230 or above 8 <sup>th</sup> : 235 or above 9 <sup>th</sup> : 238 or above 10 <sup>th</sup> : 245 or above Or Level 4 or 5 on PARCC/ Level 3 or 4 on ACT Aspire			MAP Data Student by student decision; recommended for students scoring at or below the 25 <sup>th</sup> percentile.	MAP Data Student by student decision; recommended for students scoring at or below the 25 <sup>th</sup> percentile.

\*These recommendations are based on NWEA data. Teachers or parents may override the recommended data.

## **ALGEBRA I - 430000**

Grade 9

2 semesters = 1 credit

Prerequisites: None

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

## **Pre AP ALGEBRA I – 43000A**

Grade 9

2 semesters = 1 credit

Prerequisites: None

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

## **ALGEBRA I A - 430100**

Grade 9

2 Semesters – 1 credit

Prerequisites: Parental waiver out of Smart Core.

This course is the first semester of a traditional Algebra I course. Major points of emphasis include real number operations, interpreting tables and graphs, basics of matrices, simple probability, and writing and solving equations, slope and intercepts, and writing equations of linear functions and graphing such functions. This course does not meet the requirements for Smart Core.

## **ALGEBRA I B - 430200**

Grades 9, 10

2 Semesters – 1 credit

Prerequisites: Algebra I A and parental waiver out of Smart Core.

This course is the second semester of a traditional Algebra I course. Major points of emphasis include solving/graphing inequalities, measures of central tendency solving systems of equations, laws of exponents, solving/graphing quadratic equations, polynomial operations (including factoring), and an introduction to the basic trigonometric functions. This course does not meet the requirements for Smart Core.

## **GEOMETRY- 431000**

Grades 10, 11, 12

2 Semesters = 1 credit

Prerequisites: Algebra I

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

## **PRE AP GEOMETRY- 43100A**

Grade 10

2 Semesters = 1 credit

Prerequisites: Algebra I

Recommendation: 'B' or better in Math classes

This Geometry course will cover the same topics as the regular geometry course but material will be covered faster and in greater depth. The purpose of this class is to prepare students for the rigorous courses of Pre AP Algebra II, Pre-Calculus and AP Calculus. Students should expect a variety of challenging assignments and activities.

## **Geometry A - 431100**

Grade 10, 11

2 Semesters = 1 credit

Prerequisite: Algebra I or Algebra A/B and parental waiver out of Smart Core

The fundamental purpose of the course in Geometry is to formalize and extend students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Important differences exist between this Geometry course and the historical approach taken in Geometry classes. For example, transformations are emphasized early in this course. Close attention should be paid to the introductory content for the Geometry conceptual category found in the high school CCSS. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. This course does not meet the requirements for Smart Core.

## **Geometry B - 431200**

Grade 11, 12

2 Semesters = 1 credit

Prerequisite: Algebra I and Geometry A or Algebra A/B and Geometry A and parental waiver out of Smart Core

The fundamental purpose of the course in Geometry is to formalize and extend students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Important differences exist between this Geometry course and the historical approach taken in Geometry classes. For example, transformations are emphasized early in this course. Close attention should be paid to the introductory content for the Geometry conceptual category found in the high school CCSS. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. This course does not meet the requirements for Smart Core.

## **BRIDGE TO ALGEBRA II – 435000**

Grades 11, 12

2 Semesters = 1 credit

Prerequisites: Algebra I & Geometry and parental waiver out of Smart Core.

Each student learning expectation for Bridge to Algebra II is intended to: reinforce linear concepts that were previously included in the Algebra I Course, master quadratics and exponential concepts not included within the Arkansas Department of Education Algebra I Curriculum Framework through modeling functions and summarizing, representing, and interpreting data, or introduce higher order concepts to prepare students for success in CCSS-M Algebra II. Teachers are responsible for including the eight Standards for Mathematical Practice found in the CCSS-M. This course does not meet the requirements for Smart Core.

## **ALGEBRA II - 432000**

Grades 11, 12

2 Semesters = 1 credit

Prerequisites: Algebra I

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

## **PRE AP ALGEBRA II - 43200A**

Grades 10, 11, 12

2 Semesters = 1 credit

Recommendation: 'B' or better in Math classes.

This Algebra II course will cover the same topics as the regular Algebra II course but material will be covered faster and in greater depth. The purpose of this class is to prepare students for the rigorous courses of Pre-Calculus and AP Calculus. Students should expect a variety of challenging assignments and activities.

## **The following courses are considered “higher level math for Smart Core”**

### **ADVANCED TOPICS IN MODELING AND MATHEMATICS - 439050**

Grade 12

2 Semesters = 1 credit

Prerequisites: Algebra I, Geometry & Algebra II

This course builds on Algebra I, Geometry, and Algebra II to explore mathematical topics and relationships beyond Algebra II. Emphasis will be placed on applying modeling as the process of choosing and using appropriate mathematics and statistics to analyze, to better understand, and to improve decisions in analyzing empirical situations. Collection and use of student-generated data should be an aspect of the course. Students will represent and process their reasoning and conclusions numerically, graphically, symbolically, and verbally. Students will be expected to use technology, including graphing calculators, computers, and data gathering equipment throughout the course. Teachers are responsible for including the eight Standards for Mathematical Practice found in the Common Core State Standards for Mathematics (CCSS-M).

### **ALGEBRA III - 439070**

Grades 11, 12

2 Semesters = 1 credit

Prerequisites: Algebra I, Geometry, Algebra II

This course will enhance the higher level thinking skills developed in Algebra II through a more in-depth study of those concepts and exploration of some pre-calculus concepts. Students in Algebra III will be challenged to increase understanding of algebraic, graphical, and numerical methods to analyze, translate and solve polynomial, rational, exponential, and logarithmic functions. Modeling real world situations is an important part of this course. Sequences and series will be used to represent and analyze real world problems and mathematical situations.

### **PRE AP PRE-CALCULUS – 43300A**

Grades 11, 12

2 Semesters = 1 credit

Prerequisites: Geometry & Algebra II

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

### **AP CALCULUS AB - 534040**

Grade 12

2 Semesters = 1 credit (weighted)

Recommendation: Pre-Calculus

This rigorous mathematics course is designed for the serious student who plans to enter the career fields of engineering, economics, mathematics, life science, and/or physical science. The course begins with a brief review of the Cartesian plane and algebraic/trigonometric functions, and then shifts to the major topics of limits, differentiation and its applications, integration and its applications, and inverse functions. Students will be expected to represent problems and results graphically, numerically, analytically, and verbally. Although not required, a working knowledge of the graphing calculator and its functions/uses will be of major benefit to those who choose to enroll. This course will be taught at the pace of an advanced course. Much time, effort, and commitment must be made by the student to excel in this class. A more detailed description of the course can be found at <http://apcentral.collegeboard.com>

Please note\* In compliance with Arkansas State Act 102 students must be enrolled in AP Courses all year and take the approved Advanced Placement Test for each course in which they are enrolled in order to retain the weighted calculations for that course.

### **COLLEGE ALGEBRA – 539900**

Grades 9, 10, 11, 12

1 Semester = 1 high school credit and 3 hours' college credit

Fee: based on tuition per credit hr. at UACCB

Prerequisites: 3.0 cumulative GPA or better and at least a 19 on the math and reading portion of the ACT.

This concurrent credit course is taught through UACCB. The course presents quadratic, absolute value, polynomial, rational, exponential, and logarithmic functions and their graphs. It also includes a study of inequalities, system of equations, and matrices. Upon successful completion of this course, the student will be able to display the following skills at the 70% level or higher, as measured by

1. Understand the basic properties of functions and their graphs and be able to perform the operations of functions, including composition.
2. Factor and graph quadratic functions, polynomial functions, and inequalities and be able to find the real and complex zeros of these functions.
3. Understand the properties of exponential and logarithmic functions and be able to perform the operations of these functions while solving equations and applications.
4. Solve systems of linear equations by various methods including matrices.

# SCIENCE

(Three units of Science are required for graduation)

## **PHYSICAL SCIENCE - 423000**

Grades 9, 10

2 Semesters = 1 credit

Prerequisites: None

Physical science is divided into two main areas of study. Chemistry is one of these areas. It is the study of the particles that make up everything on earth and the ways these particles interact. Physics is the other area included in physical science. Topics covered in this part of physical science include how and why objects move, the characteristics of sound and light, and how electricity and magnetism work.

## **PRE AP PHYSICAL SCIENCE - 42300A**

Grades 09, 10

2 Semesters = 1 credit

Prerequisites: None

Recommendation – ‘B’ or better in Science courses

The purpose of this course is to prepare students for Pre AP Chemistry. It covers the same topics as regular Physical Science, but material will be covered faster and in greater depth. Students should expect challenging assignments and tests.

## **BIOLOGY - 420000**

Grades 10, 11

2 Semesters = 1 credit

Prerequisites: None

Biology is the branch of science devoted to the study of life. Topics covered will include cellular organization and processes, genetics, ecology, classification, microscopic organisms, plants, animals, and human anatomy and physiology.

## **PRE-AP BIOLOGY - 42000A**

Grades 10

2 Semesters = 1 credit

Prerequisites: None

Recommendation – ‘B’ or better in Science courses

This biology course will cover the same topics as the regular biology course, but material will be covered faster and in greater depth. The purpose of this class is to prepare students for the rigorous advanced placement biology course available to them after taking chemistry. Students should expect a variety of challenging assignments and activities.



## **CHEMISTRY - 421000**

Grades 11, 12

2 Semesters = 1 credit

Recommendation - Completion or concurrent enrollment in Algebra II

Chemistry is a laboratory investigative approach to the understanding of chemistry as a science. Basic concepts covered include matter and energy, atomic and molecular structure, chemical equations, stoichiometry, acids, bases, salts, and organic chemistry. Strong emphasis is placed upon reasoning and problem solving. Laboratory experiments are designed to demonstrate chemical principles covered in classroom work. Use of basic algebra is an essential part of this course. It is expected that students have this algebra background when they enroll in chemistry.

## **PRE AP CHEMISTRY - 42100A**

Grades 11, 12

2 Semesters = 1 credit

Recommendation - Completion or concurrent enrollment in Algebra II and have 'B' or better in Science courses

This course will cover the same topics as the regular chemistry course. However, material will be covered faster and in greater depth than in regular chemistry with the goal of preparing the student to take AP Chemistry, should they choose to do so. Students should expect to be challenged.

## **ENVIRONMENTAL SCIENCE - 424020**

Grades 10, 11, 12

2 Semesters = 1 credit

Prerequisites: Parental waiver out of Smart Core if taken for 3<sup>rd</sup> Science credit.

Environmental science is the study of the relationship of plants and animals to their environment, the relationship of plants and animals to one another, and the influence of man on ecosystems. Students will be provided with the science background they need to analyze for themselves the complex environmental problems of today and those of the future. Laboratory and field investigations are designed to reinforce these issues. This course does not meet the requirement for the Arkansas Academic Challenge Scholarship. (Smart Core)

## **ANATOMY/ PHYSIOLOGY – 424030**

Grades 11, 12

2 Semesters = 1 credit

Prerequisite: Biology

Anatomy and Physiology is a study of the structure and function of cells, tissues, organs, and organ systems of the human body. Topics covered will include, but not be limited to, the skin, muscles, bones, nervous system, circulatory system, growth and development, genetic diseases, and hormonal action. Appropriate labs will also be conducted.

## **PHYSICS – 422000**

Grades 12

2 Semesters = 1 credit

Prerequisites: Algebra II and basic knowledge of trigonometry functions. (Chemistry is also highly recommended).

Physics is the study of science of matter and energy which includes our understanding of Newtonian mechanics, thermodynamics, optics, electricity and magnetism, and quantum mechanics as well as the nature of science. An emphasis is placed on problem solving. Experiments and demonstrations will be used to help understand concepts studied. A strong math background is needed for this course. Algebra and/or trigonometric functions will be used almost daily.

## **AP CHEMISTRY – 521030**

Grades 12

2 Semesters – 1 credit (weighted)

**Prerequisites:** Chemistry and Algebra II

**Recommendation:** ‘B’ in each semester of Chemistry and Algebra II and Pre AP Chemistry as opposed to regular chemistry

AP Chemistry is designed to prepare students for the AP examination in chemistry, which they will be required to take upon completion of this course. Because AP Chemistry represents the equivalent of a first year general chemistry course in college, students can expect to be challenged by the material and in turn will be expected to keep pace with a demanding schedule of class work and out-of-class assignments. Major topics covered will include structure of matter, kinetic theory of gases, chemical reactions and stoichiometry, chemical equilibria, chemical kinetics, and the basic concepts of thermodynamics. Laboratory work will concentrate on the recommended experiments from the AP Chemistry Guide. Tests will be configured to match the style of the AP Chemistry exam which includes multiple choice and free-response questions and is timed.

"Students enrolling in AP Science courses should anticipate a summer review assignment to refresh their understandings from previous basic course content."

Please note\* In compliance with Arkansas State Act 102 students must be enrolled in AP Courses all year and take the approved Advanced Placement Test for each course in which they are enrolled in order to retain the weighted calculations for that course.

## **AP BIOLOGY – 520030**

Grade 12

2 Semesters = 1 credit (weighted)

**Prerequisites:** Biology (regular or Pre AP) and Chemistry

AP Biology is designed to prepare students for the AP examination in Biology, which they will be required to take upon completion of this course. This course allows students to pursue in-depth analyses of biological concepts. Because AP Biology represents the equivalent of a college level introductory biology course, students can expect to be challenged by the material and in turn will be expected to keep pace with a demanding schedule of reading assignments and out-of class assignments. Tests will feature multiple choice and essay questions patterned after the AP Biology exam. Major topics covered will include molecules and cells, heredity and evolution, and organisms and populations. Laboratory work makes up a large percentage of the class. The core of the laboratory program consists of 8 labs outlined in the *College Board's AP Biology Lab Manual for Students*.

"Students enrolling in AP Science courses should anticipate a summer review assignment to refresh their understandings from previous basic course content."

Please note\* In compliance with Arkansas State Act 102 students must be enrolled in AP Courses all year and take the approved Advanced Placement Test for each course in which they are enrolled in order to retain the weighted calculations for that course.

*Special Information: Students with a 3.0 or higher GPA and a 19 on Reading portion of ACT have the option of earning concurrent college credit for General Biology/Lab. Tuition/fees required.*



# SOCIAL STUDIES

(Three units of Social Studies are required for graduation)

## **CIVICS / ECONOMICS – 472000 / 474300**

Grades 9, 10  
2 Semesters = 1 credit  
Prerequisites: None

Civics is a required course in the study of the responsibilities, rights and duties of citizenship. Students learn how the American society and plan of government works and the citizen's important role in a democratic society. Economics is a general overview of how our American economic system works.

## **WORLD HISTORY - 471000**

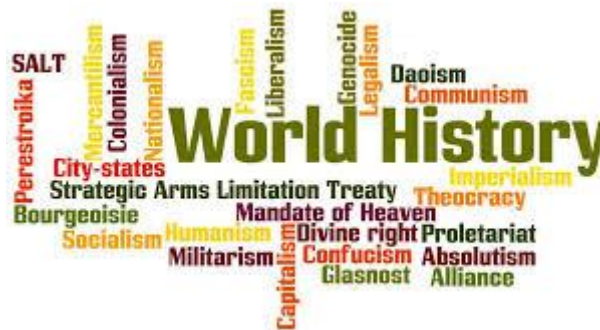
Grades 09, 10, 11  
2 Semester = 1 credit  
Prerequisites: None

Using a historical framework, this course attempts to familiarize the student with the major ideas and the significant movements and events of world history. In two semesters, it covers the Middle Ages to the Early Modern Era. Included are the Renaissance, Industrial Revolution, World War I, World War II, and the Modern Era.

## **PRE AP WORLD HISTORY – 47100A**

Grades 10, 11, 12  
2 Semesters= 1 credit  
Prerequisites: 'B' or better in Civics

This course covers the same topics as the regular World History, but material will be covered faster and in greater depth. The purpose of this course is to prepare students for the rigorous advanced placement history course.



## **US HISTORY - 470000**

Grades 10, 11, 12

2 Semesters= 1 credit

Prerequisites: None

United States History is a required course for all students. The course begins with a review of early American history and culminates with an in-depth look at themes that have shaped the United States since 1890. Note taking, writing, analysis of material, and both oral and visual presentation skills are stressed. Through the lessons taught in U. S. History a development of citizenship and an appreciation of the rich American heritage will be encouraged.

## **AP U. S. HISTORY - 570020**

Grades 11, 12

2 Semesters = 1 credit (weighted)

Recommended: Semester grades of 'B' or better in history courses

AP U. S. History is open to students who have demonstrated exceptional skills and abilities in social studies. The course offers a more detailed look at the events and personalities that have shaped American history than does regular U.S. History. Heavy emphasis is placed on reading and writing skills with the aim of preparing students for the advanced placement test in U.S. History. ***Much time, effort and commitment must be made by the student to excel in this class.*** If a student fails to make a "B" or better at semester, the teacher may recommend the student be transferred to a regular History class.

Please note\* In compliance with Arkansas State Act 102 students must be enrolled in AP Courses all year and take the approved Advanced Placement Test for each course in which they are enrolled in order to retain the weighted calculations for that course.

*Special Information: Students with a 3.0 or higher GPA and a 19 on Reading portion of ACT have the option of earning concurrent college credit for US History I & II. Tuition/fees required.*

## **PSYCHOLOGY – 474400**

Grades 9, 10, 11, 12

1 Semesters = .5 credit

Prerequisites: None

Psychology is designed to use current psychological theory and current statistics to give students the tools they need to understand themselves and the world around them. It uses a variety of case studies, group projects, and offers opportunities for in-depth study.

## **WORLD GEOGRAPHY - 474600**

Grades 9, 10, 11, 12

1 Semesters = .5 credit

Prerequisites: None

World Geography is an elective course which emphasizes the interaction of humans and their physical and cultural environments. The study of geography will focus on five major themes: location, place, human/environment interactions, movement, and regions. The study includes current developments around the world that affect physical and cultural settings. Students will analyze and interpret a variety of geographic resources and use primary and secondary sources, maps, pictorial and graphic evidence, as well as newer technology.

# FOREIGN LANGUAGE

(Two years of the same foreign language are required to meet unconditional entrance requirements for many universities and to be an **honor graduate** at Southside High School)

## **SPANISH I – 440000**

Grades 09, 10, 11  
2 Semesters = 1 credit  
Prerequisites: None

Spanish I is an introduction to the Spanish language & culture. Students will learn to communicate on an elementary level by using the language to accomplish listening, reading, writing, and speaking assignments. Students will learn about the Spanish culture through their text lectures, videos, and classroom activities. Evaluation will be thorough testing of the student's reading, writing, listening and speaking skills as well as testing for cultural knowledge.

## **SPANISH II - 440020**

Grades 10, 11, 12  
2 Semesters = 1 credit  
Prerequisites: Spanish 1

Spanish II is a more advanced study of the skills introduced in Spanish I, as well as an introduction to a more complicated grammar, syntax, vocabulary, and oral communication using the target language. Evaluation is the same as that of Spanish I, but with a higher level of mastery.

# FINE ARTS – VISUAL ART

(One half unit of Art, Band, or Choir is required for graduation)

## **ART I – 45000S (one semester) or ART I – 450000 (full year)**

Grades 9, 10, 11, 12  
1 Semester = .5 credit or 2 Semesters = 1 credit  
Prerequisites: none

Art I covers technical drawing skill of line, shape, basic printmaking, texture, and value in realistic life drawings as well as the properties of color of hue, value, and intensity, color schemes.

## **ART II – 450030**

Grades 10, 11, 12  
2 Semesters = 1 credit  
Prerequisites: Art I

Art II explores advanced black and white techniques, color, painting, and printmaking. It also explores art aesthetics, art criticism and art history.

## **ART III – 450040**

Grades 11, 12  
2 Semesters = 1 credit  
Prerequisites: Art I and II

Art III emphasis is on originality, creativity and critical analysis of art work. Art III also focuses on the study of color using tempera paints, water color and acrylics.

## **ART IV – 450050**

Grades 12  
2 Semesters = 1 credit  
Prerequisites: Art I, II, and III

Art IV allows students to pursue their own ideas and develop a body of work that reflects a theme/process. Also covered are portfolio development, aesthetics, art criticism, and art history.

# FINE ARTS - MUSIC

## INSTRUMENTAL MUSIC - BAND

Grades 9, 10, 11, 12

2 Semesters = 1 credit

Prerequisites: Director Audition

The Senior High Band strives for excellence in performance and representation of our school district. Students will have many opportunities for individual and group performance at events such as public concerts, festivals, basketball games, parades, and other community activities. Outstanding growth and performance can produce the opportunity for region and all-state activity. Playing fundamentals are a prerequisite and a prime importance for this performing group. Rehearsals will stress the playing of major and minor scales and rhythmic studies during class and in section practices. A major objective for this organization is to provide the opportunity for musical growth and maturity that would enable future participation in college or community bands, or simply create a desire to continue ones' study and enjoyment of instrumental music.

## BEGINNING BAND – 451010 –

**BAND I – 451000 – 1<sup>st</sup> year**

**BAND II – 451040 – 2<sup>nd</sup> year**

**BAND III – 451050 – 3<sup>rd</sup> year**

**BAND IV – 451060 – 4<sup>th</sup> year**



## WINTER GUARD (Flag Line) – 45100F

Grades 9, 10, 11, 12

2 Semesters = 1 credit

Prerequisites: Director Audition

## PIANO I – 696000

Grades 9, 10, 11, 12

2 Semesters = 1 credit

Prerequisites: None

Beginning piano will help the students master the fundamentals of playing and start them off succeeding at piano. They will begin with learning basic musical concepts pertinent to the piano, and then proceed to learning their first notes. Beginning piano will be a fun and engaging experience for the new piano player. **Local credit only.**

## **VOCAL MUSIC – SELECT CHOIR**

Grades 9, 10, 11, 12

2 Semesters = 1 credit

Prerequisites: **Director Audition**

This is an audition only chorus containing students who meet AAA standards for competition and travel. Students entering this class must have a basic understanding of pitch matching music reading and good singing technique.

**VOCAL MUSIC I – 452000 – 1<sup>st</sup> year**

**VOCAL MUSIC II – 452040 – 2<sup>nd</sup> year**

**VOCAL MUSIC III – 452050 – 3<sup>rd</sup> year**

**VOCAL MUSIC IV – 452060 – 4<sup>th</sup> year**

## **VOCAL MUSIC – WOMEN’S CHOIR**

Grades 9, 10, 11, 12

2 Semesters = 1 credit

Prerequisites: None

This course provides students an opportunity to receive fine arts credit while teaching them the basic skills of good singing. Basic music reading, pitch matching, ear training and singing technique are all taught. This is a non-audition chorus for 9<sup>th</sup>-12<sup>th</sup> grade students and does not require that students meet AAA standards. This group may or may not compete or travel.

**VOCAL MUSIC I – 45200A – 1<sup>st</sup> year**

**VOCAL MUSIC II – 45204B – 2<sup>nd</sup> year**

**VOCAL MUSIC III – 45205C – 3<sup>rd</sup> year**

**VOCAL MUSIC IV – 45206D – 4<sup>th</sup> year**

## **MUSIC THEORY – 459010**

Grades 9, 10, 11, 12

2 Semesters = 1 credit

Prerequisites: Band I or Vocal Music I

Music Theory is a two-semester course designed for students who have successfully completed one year of formal training in music at the high school level. Music Theory is a rigorous course designed to expand and to enhance the skills of the serious high school musician. Students in Music Theory examine components of music composition, melodic practices, theories of harmony, and other musical concepts. Students analyze music from different stylistic periods and develop notation, aural, and sight-reading skills. Emphasis is placed upon the application of rhythm, melody, harmony, form, and other compositional devices into original compositions. One year of formal training in music at the high school level is a prerequisite for this course.

## **AP MUSIC THEORY – 559010**

Grades 11, 12

2 Semesters = 1 credit (weighted)

Prerequisites: Recommendation from music teacher

This rigorous course expands upon fundamental Music Theory skills. Musical composition, sequencing, and use of digital formats are some of the many applications employed to further student understanding of music theory. The main emphasis is on vocal and instrumental music from the standard Western tonal repertoires.

# **ADDITIONAL COURSE OFFERINGS**

## **HEALTH – (online) 48000D**

Grades 9,10,11,12  
1 Semester = .5 credit  
Prerequisites: None

The purpose of this class is to develop attitudes and lifestyles that lead to healthy bodies and minds. Material is current and pertains to the student's lifestyles. Subject matter can provide guidance for the day-to-day decision-making necessary at the secondary level.

## **PHYSICAL EDUCATION – 48500S (one semester)**

## **PHYSICAL EDUCATION – 485000 (full year)**

Grades 09,10,11,12  
1 Semester = .5 credit  
2 Semesters = 1 credit  
Prerequisites: None

Students will learn the basic concepts of physical education and participate in a variety of sports activities. The grade is earned by dressing out and participating.

## **DRIVERS EDUCATION – 690040**

Grades 09,10,11,12  
1 Semester - .5 credit  
Prerequisites: must have learner's permit.

Every student must have a valid Arkansas license or learner's permit before the first day of class. Seniors will be given the first opportunity to enroll, followed in order by juniors, sophomores, and freshmen. The course will consist of classroom/book material as well as on the road driving experience. Control techniques, defensive driving maneuvers, and the ability to cope with highway and environmental factors are emphasized to develop mature, responsible drivers. Students will learn the rules and laws of Arkansas roadways and highways, basic driving maneuvers, and essential car care basics.

## **TEACHER CADET – INTRO. TO TEACHING – 497100**

Grades 11, 12  
2 Semesters = 1 credit

The Teacher Cadet Program seeks to provide high school students insight into the nature of teaching, the problems of schooling, and the critical issues affecting the quality of education in America's schools. This course is designed to encourage students who possess a high level of academic achievement and those personality traits found in good teachers, to consider teaching as a career. Students are exposed to the many facets of education through class discussion, observation, and participation in public school classrooms.



# SHS Career & Technical Education (CTE) Programs of Study (Career Focus)

In order to be counted as a completer in a Career Focus, students must have completed at least three (3) credits in a program of study during grades 9 – 12.

## Agri. Science – Animal

491150 - Survey of Agriculture Systems (1)  
491180 - Animal Science I (.5)  
491200 - Animal Science II (.5)  
Agriculture elective (1)

## Agri, Power, Structural & Technical Systems

491150 - Survey of Agriculture Systems (1)  
491390 - Agriculture Mechanics (1)  
Agriculture elective (1)

### **Agriculture Electives:**

491380 - Agri. Metals (1)	491180 - Animal Science I (.5)
491390 - Agri. Mechanics (1)	491200 - Animal Science II (.5)
491420 - Equine Science (.5)	49391D - Career Ready 101 Online (.5)
491340 - Plant Science (.5)	493780 – JAG Class (1)

## Family & Consumer Sciences Educ.

493080 - Family & Consumer Science (1)  
Family & Consumer Science elective (1)  
Family & Consumer Science elective (1)

## Child Care Guidance, Mgmt. & Services

493080 - Family & Consumer Science (1)  
493020/493210 - Child Dev. / Parenting (1)  
493010 - Childcare Guidance Mgmt. Services (1)

### **FACS Electives:**

493010 - Childcare Guidance (1)	493110 - Food & Nutrition (.5)
493020 - Child Development (.5)	493140 - Housing & Interior Design (.5)
493030 - Clothing Mgmt. (.5)	49391D - Career Ready 101 Online (.5)
493210 - Parenting (.5)	493780 - JAG (1)

## Medical Professions Education

49534D - Intro to Med. Professions (.5)  
49536D - Medical Terminology (.5)  
424030 - Anatomy/Physiology (1)  
49533D - Medical Procedures I (.5)  
57990P - General Psychology (.5)

## Criminal Justice

494620 - Introduction to Criminal Justice (1)  
494630 - Foundations of Law Enforcement (1)  
494600 - Crime Scene Investigation (1)

# CTE - AGRICULTURE

## **SURVEY OF AGRICULTURE SYSTEMS - 491150**

Grades 9, 10, 11, 12  
2 Semesters = 1 credit  
Prerequisites: None

**Serving as a foundation course for Agriculture**, this course encompasses the applied and technical study of the various segments of the agriculture industry. Basic animal, plant, and soil sciences and agriculture mechanics skills are introduced. The course also covers the history and current status of Future Farmers of America (FFA) and agriculture careers. Students will be required to master a wide range of skills, and participate in all class activities.

## **ANIMAL SCIENCE I – 491180 & ANIMAL SCIENCE II – 491200**

Grades 10, 11, 12  
2 Semester = 1 credit  
Prerequisites: Survey of Agriculture Systems

**Animal Science I** 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. **Animal Science II** is a scientific approach to animal science using scientific principles and applied management practices. An emphasis on selection and industry review will be based on scientific data.

## **AGRICULTURE MECHANICS - 491390**

Grades 10, 11, 12  
2 Semesters = 1 credit  
Prerequisites: Survey of Agriculture Systems

This course covers the application and technical study of basic mechanical skills for students interested in mechanical applications found throughout agriculture. Competency-based instruction on basic mechanical skills and application is introduced. Students will be required to keep a notebook, master a wide range of skills, and participate in all class activities.

## **EQUINE SCIENCE – 491420 & PLANT SCIENCE-491340**

Grades 11, 12  
1 Semester = .5 credit  
Prerequisites: Survey of Agriculture Systems, Animal Science

**Equine Science** is a one-semester course covering the science of horses and the horse industry. Topics covered: equine history and evolution; the horse industry; types, breeds, and uses of horses; functional anatomy and biomechanics; genetics; evaluation; reproduction; nutrition and digestion; health; facilities and equipment; management; behavior and training.

**Plant Science** covers 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.

## **AGRICULTURE METALS – 491380**

Grades 11, 12  
2 Semester = 1 credit  
Prerequisites: Survey of Agriculture Systems & Agri. Mechanics

This is a beginning course in Arc-welding, MIG welding, safety, blue print reading and oxyacetylene welding and cutting, plasma cutting and TIG welding.



# CTE - BUSINESS

## **COMPUTERIZED BUSINESS APPLICATIONS (CBA) – 492120**

Grades: 9, 10, 11, 12

Semesters = 1 Credit

Prerequisites: Keyboarding

**Serving as a foundation course Computerized Business Applications** is a two-semester course designed to prepare students with an introduction to business applications that are necessary to live and work in a technological society. Emphasis is given to hardware, concepts, and business uses of applications. The business applications covered are word processing, database, spreadsheet, and telecommunications, presentation, and Web page design.

## **DIGITAL COMMUNICATIONS (DC) III & IV-492360 & 492370**

Grades: 10, 11, 12

2 Semester = 1credit

Prerequisites: CBA AND DC I & II

### **DC III – Digital Media OR Web/Animation**

This course focuses on the creative and technical skills necessary for Web design and animation. Students will create visual effects and animated graphics for video, web, and other types of media using computer software.

### **DC IV – Digital Audio/Video**

Students are introduced to digital audio and video. They will capture, create, and edit audio and video files for media productions and various delivery formats. This course allows the student to build digital audio and video making skills by having them conceive, storyboard, record, edit, and finalize projects in various media formats.

## **EAST I – 560010**

Grades 09, 10, 11, 12

2 Semesters = 1 credit

Prerequisites: None

**East I** is a project-based, service oriented course that blends high-end technology with service projects. Students in EAST I will spend much of their time following their own interests and working at their own pace as they become more familiar with the technology and the software available in EAST—CAD, GIS/GPS, Computer Aided Modeling and Design, Animation, Computer Programming, Database Applications, Web Page Design and Maintenance, Digital Photo/Video Editing, Visualization Software, and Network Design and Maintenance.

## **EAST II, III, IV**

Grades 10, 11, 12

2 Semesters = 1 credit

Prerequisites: Application & Teacher approval

**East II - 560020** – a student's second year of EAST - a continuation of EAST I with a greater focus on the projects.

**EAST III – 560030** – a student's third year of EAST - a continuation of the EAST methodology.

**EAST IV-560040** – a student's fourth year of EAST - a continuation of the EAST methodology with an added emphasis on mentoring and the archiving of projects for the continued success of the program.

**EAST (Yearbook) 56001Y requires teacher approval** – must be able to learn and use technology and be willing to work closely with others to meet yearbook deadlines.

# **CTE – FAMILY & CONSUMER SCIENCE**

## **FAMILY & CONSUMER SCIENCE – 493080**

Grades: 9, 10, 11, 12

2 Semesters = 1 credit

Prerequisites: None

This course is taught in units with basic laboratory work. The units cover five basic areas: clothing, foods and nutrition, child development, family living and consumer education.

## **FOOD & NUTRITION- 493110**

Grades 10, 11, 12

1 Semesters = .5 credit

Prerequisites: None

This course is designed to give factual guidance in meal planning, preparing and serving food, based on the recommended daily allowance for my plate. Group labs are designed to give support to factual information.

## **HOUSING & INTERIOR DESIGN- 493140 (offered every other year)**

Grades 10, 11, 12

1 Semesters = .5 credit

Prerequisites: None

This is a semester course designed to show students the importance of housing, the different types available and what to look for when buying furniture.

## **CLOTHING MANAGEMENT- 493030**

Grades 10, 11, 12

1 Semesters = .5 credit

Prerequisites: None

This course is designed to teach the basic skills for clothing construction and the importance of clothes selection. It includes information about new textiles and clothing care. Actual clothing construction is included.

## **CHILD DEVELOPMENT- 493020**

Grades 10, 11, 12

1 Semesters = .5 credit

Prerequisites: None

Child Development is the study of infants growing and developing into adults. Child study is divided into age levels and aspects of development. This gives students a more complete and accurate picture of what children are like at each age.

## **PARENTING - 493210**

Grades 10, 11, 12

1 Semesters = .5 credit

Prerequisites: None

This course is designed to assist students in developing an understanding of the parenting process and of parenting skills. Upon completion of this course a student should possess skills necessary to provide quality care for children-as a parent, as one employed to care for children or as one who interacts with children in other settings.

## **CHILDCARE GUIDANCE, MANAGEMENT, & SERVICES - 493010**

Grades 11, 12

2 Semesters =1 credit

Prerequisites: Child Development

Topics will include: employability, understanding the child-care profession, child development, health and safety of children, guiding children, behavior, caring for children with special needs and problems, planning management of a child-care program, planning and management of a child-care facility, and computer applications in child care and guidance management and services.



## **CAREER READY 101 ONLINE – 49391D**

Grades 09,10,11,12

1 Semester - .5 credit

**Prerequisites: None**

Career Ready 101 Online can count toward completer status for any Career and Technical Education Program of Study. It is designed to provide the student with the necessary skills to evaluate the foundational skill needed in a chosen career based upon job profiles.

The major goal of Career Read 101 Online is to engage students to develop characteristics and skills employers most desire. Students will evaluate and master basic career readiness transferable skills in preparation for employment including financial literacy, career exploration, resume writing, interviewing, and soft skills. This curriculum will prepare students for the WorkKeys assessments to earn the Arkansas Career Readiness Certificate. This is an integrated approach to college and career readiness using digital learning as a means to certification, employability, and continuing education tailored to meet the needs of participating students.

## **JOBS FOR ARKANSAS GRADS (JAG)**

### **JAG CLASS – 493780**

Grades 12

2 Semesters = 1 credit

**Prerequisites: None**

Jobs for Arkansas Graduates (JAG) assists youth in graduating from high school and thereafter finding and keeping quality jobs or to continue their education, through a state supported school-to-work transition system. JAG can be utilized in any program of study and can count as credit toward vocational completer.

### **JAG – WORK BASED**

**99900J – 5<sup>th</sup> period JAG Leave No Credit**

**493806 – 6<sup>th</sup> period Work**

**493807 – 7<sup>th</sup> period Work**

Grade 12

2 Semesters = 1 credit each for up to two JAG Work periods

**Prerequisites: Must be in the JAG class and have a job.**

This is an instructor-supervised work release course that includes monthly employer evaluations of participants. Students can work during the last one or two periods of the day.

## **MEDICAL PROFESSIONS EDUCATION**

Grades 10, 11, 12

1 Semester = .5 credit

**Prerequisites: None for high school credit - minimum 3.0 GPA and 19 on reading portion of ACT for college hours**

The Medical Professions' Education Program (also known as Med Pro Ed) provides high school students an educational base for pursuing healthcare careers. Educational experiences focus on providing the learner with a knowledge base fundamental to healthcare and introducing a variety of healthcare experiences. The program's goal is the promotion of the healthcare field as a career choice.

**Introduction to Medical Professions 49534D - ½ high school credit only (online)**

**Medical Terminology 49536D - ½ high school credit (online) and/or 3 hours' college credit**

**Medical Procedures I 49533D - ½ high school credit only (online)**

**General Psychology 57990P - 1 high school credit and/or 3 hours' college credit (online)**

## Online Courses through Virtual Arkansas

(Students must have at least .5 credit of on line learning credit)

ACT Prep English & Reading – 69600D	Fall or Spring .5 credit
ACT Prep English – 69600D	Fall or Spring .5 credit
American Sign Language – 44901D	Year-long 1 credit
American Sign Language – 44902D	Year-long 1 credit
Career Ready 101 Online – 49391D	Fall or Spring .5 credit
Computer Science w/ Programming I – 465001D	Fall or Spring .5 credit
Computer Science w/ Programming II – 46502D	Fall or Spring .5 credit
Computer Science w/ Info. Security I – 46521D	Fall or Spring .5 credit
Computer Science w/ Info. Security II – 46522D	Fall or Spring .5 credit
Fashion Merchandising – 49219D	Spring .5 credit
Journalism – 41500D	Year-long 1 credit
Sociology – 47450D	Fall or Spring .5 credit
Sports & Entertainment Marketing – 49264D	Fall .5 credit
Transitional Literacy Ready – 49603D	Year-long 1 credit
Transitional Math Ready – 43911D	Year-long 1 credit
Visual Art Appreciation – 45310D	Fall or Spring .5 credit

### SPECIAL EDUCATION

972100 – Language Arts  
972120 – ELA Alternate Assessment  
972300 – Math  
972350 – Math Alternate Assessment  
972310 – Resource Math w/Alg. I  
972320 – Resource Math w/ Geometry  
973910 – Science Alternate Assessment



# \*ATHLETICS

## **FOOTBALL – 99981F**

Jr. High 1<sup>st</sup> period

Grade 9

Sr. High 7th period

Grade 10, 11, 12

## **BASKETBALL-99981B**

Jr. High 1<sup>st</sup> period

Grade 9

Sr. High 7th period

Grade 10, 11, 12

## **VOLLEYBALL-99982V**

Jr. High 1<sup>st</sup> period

Grade 9

Sr. High 7th period

Grade 10, 11, 12

### **Other athletics offered at SHS after school:**

**Baseball**

**Bowling**

**Cheer**

**Cross Country**

**Golf**

**Shooting Sports**

**Soccer**

**Softball**

**Tennis**

**Track**

**Wrestling**

**\*Student Athletes** - Academic preparation is a major part of a student's ability to play college sports. Students hoping to participate in college athletic programs should be aware of the National Collegiate Athletic Association (NCAA) and/or National Association of Intercollegiate Athletics (NAIA) guidelines and requirements. Most college athletic programs are regulated by these organizations which establish rules on eligibility, recruiting, and financial aid. This process requires students to complete a prescribed core of high school course work and earn a certain GPA and SAT/ACT score as determined by the organization. Smart Core is the recommended academic route. Students who hope to participate in college athletics should register during their sophomore year

Visit NCAA at <https://web3.ncaa.org/ecwr3/>

Visit NAIA at <http://www.playnaia.org/>



# Concurrent Credit Technical Programs through UACCB

Students are bused to UACCB for these programs (1<sup>st</sup> - 2<sup>nd</sup> period)  
Leave SCHS campus at 7:55 am and return at 10:00 am  
Tuition and fees required for concurrent credit.

## Industrial Technology – Welding

### Grades 11,12

Each Course Each Semester = 1 credit

Prerequisites: minimum 15 on the reading portion of the ACT and GPA required

Welding I – 590860 (Fall)

Industrial Safety – 590321 (Fall)

Engineering Drawings – 590330 (Spring)

Technical Methods – 590322 (Spring)

## Certified Nurse Assistant (CNA) – **Spring only**

### Grades 12

Each Course Each Semester = 1 credit

Prerequisites: minimum 15 on the reading portion of the ACT and GPA required

CNA I – 590710

CNA II - 590720

## Emergency Medical Technician (EMT)

### Grades 12

Each Course Each Semester = 1 credit

Prerequisites: minimum 15 on the reading portion of the ACT and GPA required

Medical Terminology – 596501 (Fall)

First Responder – 590260 (Fall)

EMT I – 590680 (Spring)

EMT II – 590690 (Spring)

## **SOUTHSIDE HIGH SCHOOL CLUBS & ORGANIZATIONS**

*Southside School District strives to not only educate the child academically, but assist in the development of students as complete individuals. With that goal in mind, Southside High School offers a variety of clubs to appeal to students with varied interests - ranging from clubs that are academically based to honorary organizations to leadership to those clubs that are sponsored by civic organizations whose general intent is philanthropic. By participating in these organizations, students can develop both leadership and social skills which will help them become more productive citizens after they leave the Southside School District.*

### **ART CLUB**

The Art Club is open to anyone, not just art students.

### **BETA CLUB**

Students are invited to apply for admission to Beta Club based on Honor Grad curriculum and GPA of 3.25.

### **CHESS CLUB**

The Chess Club is open to any student with an interest in playing, or learning to play, chess.

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

Description: The goal of FCCLA is to provide opportunities for members to develop leadership and personal growth through activities that focus on the multiple roles of family member, wage earner, and community leader.

### **FELLOWSHIP OF CHRISTIAN ATHLETES (FCA)**

FCA is a group of athletes committed to fellowship, growing spiritually and reaching out to others in word and deed.

### **FUTURE BUSINESS LEADERS OF AMERICA (FBLA)**

FBLA is a national organization for all students who are interested in current facets of business. The activities of FBLA provide an opportunity for students to prepare for business occupations. Members of FBLA learn how to engage in individual and group business enterprises.

### **FUTURE FARMERS OF AMERICA (FFA)**

FFA makes a positive difference in the lives of students by developing their potential for premier leadership, personal growth and career success through agricultural education.

### **KEY CLUB**

The SHS Key Club is a civic service organization sponsored by the Kiwanis Club.

### **QUIZ BOWL**

### **SCIENCE CLUB**

### **SPANISH CLUB**

Students in Spanish classes are invited to join this club. Club members will have the opportunity to participate in activities related to foreign cultures.

### **STUDENT COUNCIL**

The SHS Student Council is made up of class representatives and officers.

### **TEENS FOR CHRIST**

The Teens for Christ is open to any student who would like to be part of a Christian organization.