



Course Selection Booklet

2019-2020

Cabot High School

Cabot Freshman Academy

Academic Center of Excellence

Information for Registration

(Course Offerings, Career Pathways)

Parent Information Meeting – January 30, 2019 – 6:00 p.m.

CHS Auditorium

Contents

<u>Information for Parents and Students -----</u>	<u>3</u>	<u>Graduation Ceremony -----</u>	<u>9</u>
<u>Graduation Requirements -----</u>	<u>4</u>	<u>Credit Recovery & Summer School -----</u>	<u>9</u>
<u>Smart Core Waiver Form -----</u>	<u>6</u>	<u>Digital Learning Courses -----</u>	<u>9</u>
<u>GPA and Rank in Class Procedure -----</u>	<u>7</u>	<u>Standardized Testing -----</u>	<u>10</u>
<u>Honors Information -----</u>	<u>7</u>	<u>Dropping & Changing Courses -----</u>	<u>10</u>
<u>Foreign Exchange & Homeschool -----</u>	<u>8</u>	<u>Withdrawal from Pre-AP/AP Policy -----</u>	<u>10</u>
<u>Student Course Load -----</u>	<u>9</u>	<u>ACE/ACE North/ALE -----</u>	<u>11</u>
<u>Early Graduation -----</u>	<u>9</u>	<u>Required Course Offerings -----</u>	<u>12</u>
<u>Correspondence Courses -----</u>	<u>9</u>		

CHS Course Descriptions

<u>English -----</u>	<u>13</u>	<u>Career and Technical</u>	
<u>Language Arts Electives -----</u>	<u>15</u>	<u>Agriculture -----</u>	<u>28</u>
<u>Mathematics -----</u>	<u>16</u>	<u>Air Force Jr. ROTC -----</u>	<u>29</u>
<u>Science -----</u>	<u>17</u>	<u>Automotive Technology -----</u>	<u>30</u>
<u>Social Studies -----</u>	<u>19</u>	<u>Broadcasting -----</u>	<u>30</u>
<u>Foreign Languages -----</u>	<u>20</u>	<u>Business -----</u>	<u>30</u>
<u>Fine Arts -----</u>	<u>22</u>	<u>Computer Science -----</u>	<u>32</u>
<u>Health and P.E. -----</u>	<u>25</u>	<u>Construction Technology -----</u>	<u>33</u>
<u>Miscellaneous Electives -----</u>	<u>25</u>	<u>EAST -----</u>	<u>33</u>
<u>Concurrent Enrollment -----</u>	<u>26</u>	<u>Engineering Sciences -----</u>	<u>34</u>
<u>Non-Credit Activities -----</u>	<u>27</u>	<u>Family and Consumer Sciences -----</u>	<u>35</u>
<u>Non-Credit Athletics -----</u>	<u>27</u>	<u>Health Sciences (Medical Academy) ---</u>	<u>35</u>
		<u>Law and Public Safety -----</u>	<u>36</u>
		<u>Articulation Classes -----</u>	<u>37</u>

Career Pathways

<u>Introduction -----</u>	<u>39</u>	<u>Computer Science -----</u>	<u>41</u>
<u>Agriculture Science and</u>		<u>Construction Technology -----</u>	<u>41</u>
<u>Technology -----</u>	<u>39</u>	<u>Engineering Academy -----</u>	<u>41</u>
<u>Air Force Junior ROTC -----</u>	<u>40</u>	<u>Family and Consumer Sciences -----</u>	<u>41</u>
<u>Automotive Technology -----</u>	<u>40</u>	<u>Health Sciences (Medical Academy) -----</u>	<u>41</u>
<u>Broadcasting -----</u>	<u>40</u>	<u>Law and Public Safety -----</u>	<u>41</u>
<u>Business Technology -----</u>	<u>40</u>		

9th Grade Course Descriptions

<u>English -----</u>	<u>42</u>	<u>Freshman Required Courses -----</u>	<u>43</u>
<u>Math -----</u>	<u>42</u>	<u>Academic Electives -----</u>	<u>44</u>
<u>Science -----</u>	<u>42</u>	<u>Non-Credit Athletics -----</u>	<u>46</u>
<u>Social Studies -----</u>	<u>43</u>		
<u>School Profile -----</u>			<u>48</u>

Cabot High School

Course Selections



This Course Selection Booklet was prepared to aid you in making course selections for the upcoming school year. Please review the graduation requirements, honors program requirements and information about grading. Success and graduation from CHS is the shared responsibility of the student, parent and faculty. Parents and students are encouraged to study the course selection materials and choose courses for the following year with an overall plan in mind.

After course selections are submitted, a master schedule will be prepared to offer courses for which there is sufficient demand. ***Courses with fewer than fifteen (15) student requests may not be offered.*** This being the case, students will be expected to abide by their course choices for the following year.

Schedule changes will be made only to correct errors, meet graduation requirements or in the event a chosen course is not offered. Schedules will not be changed in order to move a course to another period or to change teachers or lunch periods. Administrative decisions may, on occasion, make schedule changes necessary.

Important Considerations When Planning High School Coursework

Students who hope to be in college athletic programs should be aware of NCAA guidelines and choose high school courses appropriately. Information can be found on the NCAA website at NCAAClearinghouse.net.

Students should also choose courses carefully to meet scholarship requirements. Requirements for many scholarships may be found on the Counseling Center website. For updated information about scholarships visit www.cabotschools.org. Under "Find Your School" click on "Cabot High School" and "Counseling Center."

LINKS FOR ADDITIONAL RESOURCES

adhe.edu
scholarships.adhe.edu
fafsa.ed.gov
asla.info
actstudent.org
sat.collegeboard.org
apstudent.collegeboard.org/home

Ark. Department of Higher Education
Arkansas Scholarships
Free Application for Federal Student Aid (FAFSA)
Ark. Student Loan Authority
ACT Information and Registration
SAT Information and Registration
Advanced Placement Course and Exam Information

GRADUATION REQUIREMENTS – Class of 2020

The required twenty-two and one-half (22 ½) units shall be taken from the “Smart Core” curriculum or from the “Core” curriculum. *One course must be a digital course. (Health in 9th – 12th grade will meet this digital requirement.)* **All students will participate in the Smart Core curriculum unless the parent or guardian waives the student’s right to participate. ** In such case of a waiver, the student will be required to participate in the Core curriculum.** Please visit with your student’s counselor for more specific information.

SMART CORE CURRICULUM

Subject Area	Units	Comments
English	4	9 th , 10 th , 11 th , 12 th
Math	4	Algebra I, Geometry, Algebra II, and 1 other math higher than Algebra II or 1 Computer Programming Course
Science	3	Biology, and 2 units chosen from Physical Science, Chemistry or Physics, or 1 Computer Programming course
Social Studies	3	½ unit Civics, ½ unit Economics, 1 unit World History and 1 unit American History
Physical Education	0.5	Maximum of 1 unit
Health	0.5	
Fine Arts	0.5	Music Appreciation, art, music, theater, stagecraft, theater dance
Oral Communications	0.5	
Career Focus	6.5	
TOTAL UNITS	22.5	

Note: Smart Core graduates must be enrolled in a math class their junior or senior year.

CORE CURRICULUM

Subject Area	Units	Comments
English	4	9 th , 10 th , 11 th , 12 th
Math	4	Must have Algebra I or its equivalent and Geometry plus other math classes that total to 4 Units of math
Science	3	Must have 1 unit of biology and 1 unit of a physical science and 1 other science
Social Studies	3	½ unit Civics, ½ unit Economics, 1 unit World History and 1 unit American History
Physical Education	0.5	Maximum of 1 unit
Health	0.5	
Fine Arts	0.5	Music Appreciation, art, music, theater, stagecraft, theater dance
Oral Communications	0.5	
Career Focus	6.5	
TOTAL UNITS	22.5	

Note: One-half unit is earned for each course each semester. The exception to this is college courses which earn 1 credit each semester.

Note: Act 478 In order to receive a high school diploma, students are now required to (a) take a test that is identical to the civics portion of the naturalization test used by United States Citizenship and Immigration Services and (b) correctly answer at least sixty (60) of the one hundred (100) test questions. A student may retake the test as many times as necessary to achieve a passing score.

**** If your student enrolls in the course Bridge to Algebra II and/or chooses not to enroll in Chemistry or Physics during their high school years, you must sign and return the Smart Core Waiver Form found on page 6. If the waiver is not returned, your student will be enrolled in the Smart Core Curriculum.**

GRADUATION REQUIREMENTS – Class of 2021 and following

The required twenty-two and one-half (22 ½) units shall be taken from the “Smart Core” curriculum or from the “Core” curriculum. *One course must be a digital course. (Health in 9th – 12th grade will meet this digital requirement.)* **All students will participate in the Smart Core curriculum unless the parent or guardian waives the student’s right to participate. ** In such case of a waiver, the student will be required to participate in the Core curriculum.** Please visit with your student’s counselor for more specific information.

SMART CORE CURRICULUM

Subject Area	Units	Comments
English	4	9 th , 10 th , 11 th , 12 th
Math*	4	Algebra I, Geometry, Algebra II, and 1 other math higher than Algebra II or 1 Computer Programming Course
Science	3	Biology, and 2 units chosen from Physical Science, Chemistry or Physics, or 1 Computer Programming course
Social Studies	3	½ unit Civics, ½ unit Economics, 1 unit World History and 1 unit American History
Physical Education	0.5	Maximum of 1 unit
Health	0.5	
Fine Arts	0.5	Music Appreciation, art, music, theater, stagecraft, theater dance
Oral Communications	0.5	
Career Focus	6.5	
TOTAL UNITS	22.5	

CORE CURRICULUM

Subject Area	Units	Comments
English	4	
Math*	4	Must have Algebra I or its equivalent and Geometry plus other math classes that total to 4 Units of math
Science	3	Must have 1 unit of biology and 1 unit of a physical science and 1 other science
Social Studies	3	½ unit Civics, ½ unit Economics, 1 unit World History and 1 unit American History
Physical Education	0.5	Maximum of 1 unit
Health	0.5	
Fine Arts	0.5	Music Appreciation, art, music, theater, stagecraft, theater dance
Oral Communications	0.5	
Career Focus	6.5	
TOTAL UNITS	22.5	

Note: Smart Core graduates must be enrolled in a math class their junior or senior year.

Note: One-half unit is earned for each course each semester. The exception to this is college courses which earn 1 credit each semester.

Note: Act 478 In order to receive a high school diploma, students are now required to (a) take a test that is identical to the civics portion of the naturalization test used by United States Citizenship and Immigration Services and (b) correctly answer at least sixty (60) of the one hundred (100) test questions. A student may retake the test as many times as necessary to achieve a passing score.

Note: Act 480 Students are required to complete a course that includes specific personal finance standards in either grade 10, 11, or 12. Approved courses at CHS that meet this requirement are Economics and Financial Literacy. To meet the requirement students must take the course in grades 10, 11, or 12.

**** If your student enrolls in the course Bridge to Algebra II and/or chooses not to enroll in Chemistry or Physics during their high school years, you must sign and return the Smart Core Waiver Form found on page 6. If the waiver is not returned, your student will be enrolled in the Smart Core Curriculum.**

**ARKANSAS MINIMUM GRADUATION REQUIREMENTS
SMART CORE WAIVER FORM**

Name of Student: _____
Name of Parent/Guardian: _____
Name of District: _____
Name of School: _____

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. To be college and career ready, students need to be adept problem solvers and critical thinkers who can contribute and apply their knowledge in novel contexts and a variety of situations. Smart Core is the foundation for college and career-readiness. All students should supplement with additional rigorous coursework within their career focus.

Failure to complete the Smart Core Curriculum for graduation *may* result in negative consequences such as conditional admission to college and ineligibility for some scholarship programs.

STATE MINIMUM GRADUATION REQUIREMENTS

English – 4 units

- English 9th grade
- English 10th grade
- English 11th grade
- English 12th grade or Transitional English 12

Mathematics – 4 units (or 3 units of math and 1 unit of Computer Science*)

- Algebra I (or Algebra A & Algebra B – *each may be counted as one unit of the 4-unit requirement*)
- Geometry (or Geometry A & Geometry B – *each may be counted as one unit of the 4-unit requirement*)
(All math units must build on the base of algebra and geometry knowledge and skills.)

Science – 3 units (or 2 units with lab experience and 1 unit of Computer Science*)

- Biology – 1 unit (All students must have 1 unit in Biology –Integrated, ADE Approved Biology – Integrated, ADE Approved Biology – Integrated Honors, AP Biology, IB Biology, or Concurrent Credit Biology - Integrated.)
- Physical Science*, Chemistry*, or Physics* – at least 1 unit
- other ADE approved science* or ADE approved Computer Science**

Social Studies – 3 units

- Civics – ½ unit
- World History – 1 unit
- U.S. History – 1 unit
- Other social studies – ½ unit

Oral Communications – ½ unit

Physical Education – ½ unit

Health and Safety – ½ unit

Economics and Personal Finance– ½ unit (may be counted toward Social Studies or Career Focus)

Fine Arts – ½ unit

Career Focus – 6 units

Personal Finance* - Beginning with the freshmen class of 2017-18, A.C.A. § 6-16-135 requires students to complete a course that includes specific personal finance standards in either grades 10, 11, or 12.

***Category course options as listed under each applicable subject area in the ADE Course Coe Management System.**

****Computer Science – (optional)** A flex unit of Computer Science (any course starting with 465 or 565) may replace the 4th math requirement or the 3rd science requirement. Two distinct units of the approved computer science courses may replace the 4th math requirement and the 3rd science requirement. Once the 4th math requirement and the 3rd science requirements have been met, any additional computer science credits will be recognized as career focus credits.

Each high school student shall be required to take at least one digital learning course for credit to graduate.

By signing this form, I acknowledge that I have been informed of the requirements and implementation of the Smart Core Curriculum and am choosing to waive the Smart Core curriculum. I understand the potential negative consequences of this action as outlined on this form.

Parent/Guardian Signature

Date

School Official Signature

Date

Arkansas Department of Education – July 16, 2018

GPA AND RANK-IN-CLASS PROCEDURE

A student's GPA will be determined by the grades received on credit classes (those classes in which a student earns a unit toward graduation.) All credit classes attempted will be counted in the GPA.

Students may retake a course if dissatisfied with their grade in that course if total course numbers allow. Priority will be given to students who have not taken the class. (A regular course may be taken to replace the grade in an AP or Pre-AP course.) In order to replace a grade, the course may be retaken in the regular school session, summer school or by correspondence. (Summer school classes are limited to students retaking failed classes. They are not intended for grade improvement.) If it is a higher grade, the grade on the retaken course will replace the grade on the transcript. Students retaking courses will be allowed to use the improvement grade to improve their overall GPA, but the replacement grade may not be used to qualify for honors such as valedictorian, salutatorian, academic letters or medallions.

Point values for calculating GPA and class rank are as follows: (Act 1070 of 1991)

POINT VALUE

Grading Scale (All Classes)	Regular, Advanced, & Pre-AP Courses	AP Courses*
A 90 - 100%	A 4.0 pts	A 5.0 pts
B 80 - 89%	B 3.0 pts	B 4.0 pts
C 70 - 79%	C 2.0 pts	C 3.0 pts
D 60 - 69%	D 1.0 pts	D 2.0 pts
F 0 - 59%	F 0.0 pts	F 0.0 pts

***In order to receive weighted credit for AP level courses, students must take both semesters of the AP course and take the appropriate AP exam. Weighting will be reduced to a 4.0 scale on the final transcript for students who do not meet these conditions.**

Cabot High School will award weighted credit only to AP courses regardless of weighting applied to other courses at schools from which students may transfer.

GPA's will be used to determine class rank with the exception of students with a modified curriculum. High school students who have taken Advanced Placement courses and whose GPA exceeds a 4.0 will have their GPA and class rank figured on the number of credits required for graduation (22.5). This is to prevent students from being penalized for taking a larger number of credit classes. Any grade lower than an "A" must be included in the 22.5 credits. All Advanced Placement grades will also be counted in the 22.5 credits.

Final class rankings will be computed on the basis of eight semesters. Students will be advised on preliminary GPA and class rankings at the end of six and seven semesters.

For students graduating in less than eight semesters, the preliminary GPA and class rankings will be at the end of the junior year and final GPA and ranking will be at the time the graduation requirements are completed.

GRADUATION HONORS Class of 2020

The senior(s) with the highest grade point average (GPA) after eight semesters will be named Valedictorian(s). The senior(s) with the second highest GPA will be named Salutatorian(s).

Academic recognition will be given in two categories. Graduating with "Honors" will be the recognition for students who have earned a GPA of 3.5 - 4.0. Graduating with "High Honors" will be the recognition given for students who have earned a GPA higher than a 4.0. To qualify for the recognition of "Honors" or "High Honors" a student must have been enrolled at Cabot High School for two of the last three semesters beginning with the second semester of the junior year.

Students graduating with "Honors" or "High Honors" must complete the Smart Core curriculum with the following stipulations:

HONORS PROGRAM CURRICULUM

English	4	–Junior and Senior English must be Advanced level or higher
Math	4	
Science	3	
Social Studies	3	
Foreign Lang.	2	–Must be the same language
Physical Educ.	$\frac{1}{2}$	
Health	$\frac{1}{2}$	
Oral Comm.	$\frac{1}{2}$	
Fine Arts	$\frac{1}{2}$	
Career Focus	4 ½	
Total Credits	22 ½	GPA 3.50 or better

NOTE:

Students who accept placement into advanced level courses should be aware of the significant time commitment they are making. Students should not over-commit to part-time jobs, and they should balance extracurricular activities, total obligations and responsibilities with time necessary to prepare for advanced level coursework. Students who must work many hours in part-time jobs or who have many other time commitments should seriously consider enrolling in regular level courses.

GRADUATION HONORS
Class of 2021 and after

The senior(s) with the highest grade point average (GPA) after eight semesters will be named Valedictorian(s). The senior(s) with the second highest GPA will be named Salutatorian(s).

Academic recognition will be given in three categories.

1. "Honors" - GPA of 3.5 – 3.75 - Curriculum listed below.
2. "High Honors" - GPA of 3.76 – 4.00 - Curriculum listed below **and** completed one (1) additional AP/Concurrent Course beyond the required Jr. and Sr. English.
3. "Distinguished High Honors" - GPA higher than 4.0 – Curriculum listed below **and** successfully completed two (2) or more AP/Concurrent Courses beyond the required Jr. and Sr. English.

Students graduating with "Honors", "High Honors" or "Distinguished High Honors" must complete the Smart Core curriculum with the above stipulations concerning AP/Concurrent classes:

HONORS PROGRAM CURRICULUM

English	4	–Junior and Senior English must be Advanced level or higher
Math	4	
Science	3	
Social Studies	3	
Foreign Lang.	2	–Must be the same language
Physical Educ.	$\frac{1}{2}$	
Health	$\frac{1}{2}$	
Oral Comm.	$\frac{1}{2}$	
Fine Arts	$\frac{1}{2}$	
Career Focus	4	$\frac{1}{2}$
Total Credits	22	$\frac{1}{2}$ GPA 3.50 or better

In order to qualify for graduation honors students cannot have any grades of D or F on their final transcript. In addition, any course retaken for grade improvement, with the exception of Pre-AP Algebra I, must be the identical course. Students cannot have lost credit due to lack of attendance and must also meet the course requirements listed above.

NOTE:

Students who accept placement into advanced level courses should be aware of the significant time commitment they are making. Students should not over-commit to part-time jobs, and they should balance extracurricular activities, total obligations and responsibilities with time necessary to prepare for

advanced level coursework. Students who must work many hours in part-time jobs or who have many other time commitments should seriously consider enrolling in regular level courses.

FOREIGN EXCHANGE STUDENTS

Cabot High School welcomes foreign exchange students to our campus. Our students will be better for having the opportunity to learn about other countries, cultures and customs. The following practice has been adopted to ensure that both the organization and the student understand the expectations of the school.

1. Foreign Exchange students must meet requirements for English proficiency.
2. They will be enrolled according to their age. They must be 16 to attend Cabot High school as a junior.
3. They will enroll in 6 academic classes and maintain a 2.0 GPA after the first semester to remain for a second semester.
4. Students will not receive a diploma from CHS but will receive a transcript upon completion of that school year.
5. Students must live with a host family who resides in the CHS school district.
6. Paperwork must be received by July 1st of the school year for which the student is applying.
7. The CHS district will notify the foreign exchange local director of the student's admittance or rejection no later than July 15th of the year in which the student is applying.
8. The principal and foreign exchange selection committee is responsible for administration of the CHS foreign exchange program and will make the final selection of students in the program.

TRANSFER FROM HOMESCHOOL

Arkansas law specifies that a high school is not responsible for providing credits, grades, transcript or diploma for a student in homeschooling instruction. However, the law goes on to state that the homeschooled student may earn a diploma by entering high school and completing a minimum of nine months in school in classes of appropriate placement. The student must also meet the graduation requirements for Cabot High School.

During the enrollment process, the parent/guardian and student will be responsible for:

1. Providing any documentation from the Home School Academy/Company showing courses the student successfully completed and the dates of study.

2. The student will successfully complete a comprehensive exam in each course where credit is being requested.

A 'P' (Pass) will be recorded on the student's transcript for each course in which the school grants credit based on the above procedure. A 'P' will not calculate into the student's cumulative GPA.

STUDENT COURSE LOAD

Students may schedule one non-credit class per day (study hall, teacher aide) and one non-credit activity per day (athletics, cheer, dance).

Fifth year seniors are only required to enroll in the number and types of courses necessary to fulfill their graduation requirements.

Eleventh and twelfth graders who are enrolled in an approved work program (JAG/Internship) must be in attendance a minimum of four periods per day. Students, whose jobs require an earlier release, must have approval of the principal and a counselor.

CHS students enrolled in a post-secondary educational institution must be in attendance at CHS for a minimum of five (5) periods per day. Students, who require an earlier release, must have approval of the principal and a counselor.

EARLY GRADUATION

Requirements for graduation may be completed in less than four years. In order to graduate early, a student will submit a letter of request to his/her counselor signed by parents/guardians prior to the senior year. The counselor will gather academic information on the student and submit all information to the principal for approval. The student will be notified of the decision and will then work with the counselor for schedule adjustments if needed.

Note: In order to complete the graduation requirement in less than four years, a student will need to take one or two courses through an approved correspondence program and/or an approved post-secondary educational institution.

CORRESPONDENCE COURSES

Students who take correspondence courses must take course work that adequately covers a subject matter. No more than two (2) credits from correspondence courses will be accepted toward meeting graduation requirements. Correspondence courses must be pre-approved by the student's school guidance counselor or principal.

Note: On the average, the cost of a full year of a correspondence course is approximately three hundred dollars (\$300).

PARTICIPATION IN GRADUATION CEREMONY

In order to participate in graduation exercises, all students must have completed graduation requirements the Friday before the graduation ceremony. If a student is taking a correspondence course, the grade must be recorded on the student's transcript. Any student who does not meet graduation requirements before the graduation ceremony may continue to complete the requirements for his expected graduation class, but will not be allowed to participate in the ceremony.

CREDIT RECOVERY

The purpose of credit recovery classes 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 courses are taught through computer-based coursework. These classes are offered during the school day. A student has the ability to complete more than one class per semester.

SUMMER SCHOOL

Cabot Public Schools may offer limited summer school courses to students currently enrolled in our school system. Information is available in the Counseling Center in April of each school year. Students are responsible for tuition cost, supplies, and transportation. The primary reason for summer school is for students who fail a course during the regular school year. This gives the student the ability to make up the credit lost and continue with new classes the following school year.

Core classes that are offered in summer school are English (levels 9, 10, 11, & 12) and math (Algebra I & II, Geometry, Bridge to Algebra II, and Algebra III). There are no science or history courses offered in summer school. Tuition for a semester class is one hundred fifty dollars (\$150). Students may take a maximum of two (2) semester classes. These classes are not available to take as initial credit.

Physical Education (PE) and Health are also offered during summer school. Tuition for these classes is typically fifty dollars (\$50). These courses are available to take as initial credit.

DIGITAL LEARNING COURSES

Digital Learning Courses are courses that will be offered during the school day, either the first part of the day or the end of the day, where students will be enrolled in the course during a period in their schedule, but will not necessarily have to attend during that period. This will allow students to come to school at a later time or leave earlier in the day. There will be a teacher assigned to the class during the scheduled period of the day and students will be able to have contact with the teacher as needed.

The curriculum will be delivered digitally and the student will be able to complete the majority of the course outside of school. If a student falls behind in the coursework, the teacher can require the student to attend during the assigned class period. Courses that are being offered digitally are listed in the English and Social Studies sections of the course selection booklet. Course numbers for the regular digital classes will end with a 'D'. Advanced English digital classes will end with an 'E'.

ADE STANDARDIZED TESTING REQUIREMENT

Arkansas Department of Education requires a student to participate in all state assessments. All 9th and 10th graders are required to take the ACT Aspire. Students exempt from this assessment are required to complete the DLM alternate assessment. Every 11th grade student will be given the opportunity to take the state provided ACT for college admissions and scholarships at no cost to the student.

DROPPING AND CHANGING COURSES

After two (2) weeks of a semester, students will not be allowed to change or drop courses with the exception to drop from a more rigorous course to a less rigorous course in the same content area. Time table for this change follows the Pre-AP/AP withdrawal policy.

After four (4) weeks of a semester, students who drop a course will receive a failing grade (F) for that semester which may affect eligibility in student organizations and/or extracurricular activities. The drop policy also applies to college courses taken during the school day.

WITHDRAWAL FROM PRE-AP/AP COURSES

The policy for withdrawal from Pre-AP and AP courses is as follows:

1. Maximum effort should be made to evaluate the appropriateness of placement in Pre-AP and AP courses during the first ten (10) days of the fall semester.

2. Students will only be allowed to withdraw to a less rigorous course **in the same content area** at specified times:

- During the first ten (10) days, students will be allowed to withdraw by counselor approval and parent signature.
- During days eleven (11) through twenty-two (22), students will be allowed to withdraw by teacher recommendation, G/T coordinator signature, parent signature, and counselor approval. A student's current grade will transfer to the added course. If a student elects to add a noncredit course, a grade of "F" will not be reflected on the student's transcript.
- After twenty-two (22) days, students will be required to remain in the class until the completion of the first grading period (report card).
- At this time, students will have five days to complete a Pre-AP/AP withdrawal form in its entirety and return it to the counseling center.
- After the five-day period following the first grading period, students will not be allowed to withdraw until semester.
- Students who have not indicated a desire to withdraw at semester will be expected to remain in the course until the end of the school year.

3. A request for withdrawal will not automatically be approved.

4. Class size may dictate whether changes can be made. If this is the case, changes will be made on a first-come-first-served basis.

5. Students may appeal the final decision by asking their counselor to forward the request to the principal. Students may attach additional written justification at this time. Students will be notified of the principal's decision.

6. Students are expected to continue attending and completing assignments in their current class until they have new schedule showing the change.

7. Students allowed to withdraw are not guaranteed a specific teacher, lunch or period.

ACE / ALE

The Academic Center of Excellence (ACE) and Alternative Learning Environment (ALE) are part of Cabot Public Schools conversion charter school serving grades 7 – 12. The following is a description of each school and how students can benefit from each school setting.

ALTERNATIVE LEARNING ENVIRONMENT

Cabot Public School District offers an Alternative Learning Environment (ALE) as a means of preventing suspensions and expulsions plus as a non-punitive method of providing extra help, support, and course recovery. The staff of ALE addresses the academic, social, and emotional needs of the students who attend. ALE serves 7th – 12th grades. These students receive and opportunity to continue their education and earn credits toward graduation. ALE is staffed with an administrator, certified teachers, and support staff.

Placements are made through a referral process initiated by the student's school and are based on a student exhibiting two or more characteristics reflecting major life issues as clearly defined by the Arkansas Department of Education's regulation 4.02 (ALE Student Eligibility and Placement). Placement durations are based on the reason for the referral and other factors. At the referral conference, parents and students receive specific information about the program from expectations for student participation to the exit process. When a student is prepared to exit the program, an exit conference is conducted at their school in order to facilitate a successful transition.

ACADEMIC CENTER OF EXCELLENCE GENERAL INFORMATION

The Academic Center of Excellence (ACE) is a conversion charter school offering virtual learning to grades 7 – 12. The mission of ACE is to increase the achievement of every student by providing anywhere, anytime learning in a non-traditional educational setting. It is a perfect fit for students who work well in a self-directed environment and are highly motivated. With their assigned advisor, students and parents develop an individualized learning plan. ACE offers flexible schedules ranging from nine hours of required seat-time to a full-time schedule at ACE-North. ACE's flexible schedule allows students with other obligations to continue their education and to graduate.

Students are accepted through an application process. Applications are available on the district website. An interview time for both parent and student will be

scheduled once a completed application is received by the ACE office. During the interview process the appropriate campus, ACE or ACE-North, will be determined based on the needs of the student. **Our ultimate goal is to help students despite unimaginable barriers, find success.** ACE is housed at two separate locations. Each location serves students similarly, but each location is unique.

ACE

Our ACE campus, located on Highway 321, opened in the fall of 2004 and serves approximately 225 students. Students benefit from the shortened school day at ACE. Most students attend 3 days a week for 3 hours. For example, a senior schedule may be Monday, Wednesday, and Friday from 8 to 11 am. Most of the course work must be done outside class time. This flexible scheduling allows students with other obligations to continue their education and to graduate. One of the main components of ACE is that each student has an advisor. Students are guided by these advisors, who monitor their progress in digital courses and help the students stay on track toward graduation.

At the ACE campus, bus transportation is provided through our school district in the morning and afternoon only. Students who leave at 11 am or come in for afternoon classes must arrange transportation.

ACE NORTH

Our ACE North building opened in the fall of 2014. The average enrollment is approximately 75 students who benefit from a small setting. ACE North is located on the high school campus, serving students who find it best to attend school all day, with a full-time, regular schedule. Students may take courses at both ACE North and at high school. Four of these courses must be digital courses at ACE North, and three courses will be taken at Cabot High School. Students can pursue their interest in the many elective classes offered at high school. Like ACE, ACE North students are guided by advisors who monitor their progress in digital courses and help the student stay on track toward graduation.

ACE North serves students who need transportation to and from school. Bus transportation is provided through our school district.

38 High School Courses Required

English Language Arts 6 Credits

English 9 (410) 1 credit
English 10 (411) 1 credit
English 11 (412) 1 credit
English 12 (413) 1 credit

Oral Communications (414) ½ credit

ADE approved ELA 1 ½ credits

Critical Reading I
Creative Writing ½ credit
Debate I
Dramatic Literature
ELA Drama ½ credit
Forensic I
Journalism I
Literacy Ready
Oral Communications
Transitional English
Approved AP offerings

Mathematics 6 credits

Algebra I (430) 1 credit
Geometry (431) 1 credit
Algebra II (432) 1 credit
Pre-Calculus (433) 1 credit

ADE approved math 2 credits

Advanced Topics & Modeling in Math
Algebra III
Bridge to Algebra II
Calculus
Math Ready
Mathematical Applications & Algorithms
Quantitative Literacy
Statistics
Approved AP offerings

Social Studies 4 credits

US History Since 1890 (470) 1 credit
World History Since 1450 (471) 1 credit
Civics (472) ½ credit
Economics & Personal Finance (474) ½ credit

ADE approved Social Studies 1 credit

Arkansas History ½ credit
African American History ½ credit
Psychology ½ credit
Sociology ½ credit
United States Government ½ credit
World Geography ½ credit
Approved AP offerings

Foreign Language 2 credits

Foreign Language (2 credits of the same language)

Computer Science 1 credit

ADE approved Computer Science (465) 1 credit

Science 5 credits

Physical Science Integrated (423) 1 credit
Biology Integrated (420) 1 credit
Chemistry Integrated (421) 1 credit

ADE approved Sciences 2 credits

Astronomy
Chemistry II
Earth Science
Environmental Science
Human Anatomy & Physiology
Physics
Approved AP offerings

Physical Education & Health 1 ½ credit

Physical Education (485) ½ credit
Health (480) ½ credit
ADE approved Physical Education ½ credit

Fine Arts 3 ½ credits

Visual Art (450) 1 credit
Visual Art I – IV
Studio Art 2-D ½ credit
Studio Art 3-D ½ credit
Art History Prehistoric to Renaissance
Art History Baroque to Post Modern

Instrumental Music (451) 1 credit

Beginning Band, I - IV
Band I – IV
Introduction to Band
Jazz Band I – IV
Beginning Orchestra, I – IV

Vocal Music (452) 1 credit

Beginning Vocal Music
Vocal Music I – IV

ADE approved Fine Arts ½ credit

Dance appreciation
Dance I – IV
Music Appreciation
Music Technology
Stagecraft I – III
Theatre Appreciation ½ credit
Theatre I – IV
Visual Art Appreciation ½ credit

Career Education 9 credits

3 Programs of Study representing three (3) of the following occupational areas.

Agriculture Science & Technology
Business & Marketing Technology
Family & Consumer Science
Trade & Industry
Science, Technology, Engineering & Mathematics

English

AP level English courses are the fastest paced and most difficult level offered. Students must complete the AP exam in order to receive weighted credit for an AP course. Through the AP exam, students may earn up to six (6) hours of college credit.

Advanced level Jr/Sr English classes are designed for above average, college-bound students who are highly motivated. The classes are faster paced than the regular level of English.

Regular level English classes are designed for the majority of students. The content will prepare students adequately for college admission.

410000 **English 9**

1 Year, 1 Unit

This course consists of review of basic forms of grammar and addition of more complex grammatical forms. Writing will emphasize paragraph form, short essays, letters, and introduction to research skills. Speaking and listening components will supplement the study of literary selections from a variety of world and American authors. Poetry, short stories, non-fiction, and novels will be read. Homework and independent study are included, as well as vocabulary study. (This course is offered on the CHS campus for credit recovery.)

411000 **English 10** (10th)

1 Year, 1 Unit

English 10 consists of the continuation of study of grammar, writing, literature and vocabulary. Poetry, short stories, plays, non-fiction, and novels from American and world authors will be read and analyzed. The writing process will consist of rough drafts, revising, and editing, the final copy. Writing skills will cover sentence structures, paragraphs, the argumentative and expository with emphasis on textural evidence essays, letters, and research.

41100P **Pre AP English 10** (10th)

1 Year, 1 Unit

English 10 Pre AP is designed for highly motivated, high achieving students. It consists of close reading of world literature. Emphasis will be placed on independent learning, critical thinking skills, vocabulary improvement, and expository and argumentative writing, including MLA style research skills. Skills needed for the AP Exam, PLAN, and SAT tests will be stressed. Skills used for the AP Language and AP Literature exams will be stressed.

412000 **English 11** (11th)

1 Year, 1 Unit

English 11 consists of grammar study as it relates to effective writing of paragraphs and longer expository and argumentative essays. A survey of American writers and Shakespeare will be featured, including novels, short stories, poetry, and non-fiction. The writing process and vocabulary study of literary terms and words from literature will be emphasized. Critical thinking skills, note taking skills, and listening skills will be featured,

along with increased responsibility for independent study and completion of homework.

41200D **Digital English 11** (11th)

1 Year, 1 Unit

Digital English 11 will cover the same curriculum as Regular English 11, but will be delivered digitally. Students will complete the majority of the curriculum through the internet outside of school. The student will have access to the teacher during the school day if needed. For more information, please read the "Digital Learning Courses" section on page 9. It is strongly recommended that the student have a 'C' average or above in prior English classes.

41200A **Advanced English 11** (11th)

1 Year, 1 Unit

English 11 Advanced follows the Arkansas frameworks for Junior English and consists of the study of grammar and writing in conjunction with reading masterpieces of American literature and Shakespeare. Students are encouraged to take more responsibility through extended long term assignments and other homework and independent study. It is strongly recommended that the student have a 'B' average or above in prior English classes.

41200E **Digital Advanced English 11** (11th)

1 Year, 1 Unit

Digital Advanced English 11 will cover the same curriculum as Advanced English 11, but will be delivered digitally. Students will complete the majority of the curriculum through the internet outside of school. The student will have access to the teacher during the school day if needed. For more information, please read the "Digital Learning Courses" section on page 9. It is strongly recommended that the student have a 'B' average or above in prior English classes.

517030 AP Language & Composition (11th)

1 Year, 1 Unit

AP Language and Composition immerses students in critical reading and analytical thinking through an expansive list of nonfiction prose selections, enhancing their awareness of rhetoric and how language works. Course selections include expository, analytical, personal, and argumentative compositions from a variety of authors. Students will analyze and evaluate essays, letters, speeches, and visuals. Students will reinforce their reading through synthesizing material from these texts in their own compositions.

413000 English 12 (12th)

1 Year, 1 Unit

English 12 consists of a review of grammar as it relates to writing. Vocabulary is studied within the context of literature and from terms used in literary criticism. Masterpieces of British literature are studied in novels, poetry, non-fiction, and satire. Writing includes expository, descriptive, and persuasive essays, and a research paper is required. Writing is completed using the process of drafting, revising, and editing with emphasis placed on critical thinking skills.

41300D Digital English 12 (12th)

1 Year, 1 Unit

Digital English 12 will cover the same curriculum as Regular English 12, but will be delivered digitally. Students will complete the majority of the curriculum through the internet outside of school. The student will have access to the teacher during the school day if needed. For more information, please read the “Digital Learning Courses” section on page 9. It is strongly recommended that the student have a ‘C’ average or above in prior English classes.

413010 Transitional English 12 (12th)

1 Year, 1 Unit

Transitional English 12 is a course designed to dramatically accelerate students’ literacy skills essential for college and career readiness. Students receive instruction in reading, writing, speaking and listening, and language, emphasizing literary and informational texts from diverse genres in print and digital formats. The course focuses on developing the requisite literacy skills for success in higher education and the workforce. **This class does not meet the requirements for Honor Graduate nor NCAA eligibility.**

41300A Advanced English 12 (12th)

1 Year, 1 Unit

Advanced English 12 works at a fast pace and consists of an intense college preparatory study including major British and classical literary works. Writing is focused on expository and persuasive essays which are taken through the drafting, revising, and editing process. Students take responsibility through more extended long term assignments and through completion of other independent reading, study and homework. It is strongly recommended that the student have a ‘B’ average or above in prior English classes.

41300E Digital Advanced English 12 (12th)

1 Year, 1 Unit

Digital Advanced English 12 will cover the same curriculum as Advanced English 12, but will be delivered digitally. Students will complete the majority of the curriculum through the internet outside of school. The student will have access to the teacher during the school day if needed. For more information, please read the “Digital Learning Courses” section on page 9. It is strongly recommended that the student have a ‘B’ average or above in prior English classes.

517040 AP Literature and Composition (12th)

1 Year, 1 Unit

AP Literature and Composition is designed to fulfill the curricular requirements of the AP English Course Description and it is intended for students who are willing to devote the time and energy necessary to succeed in a college-level class. Students will gain skills that will enable them to understand and analyze stylistic elements, rhetorical devices, and structural techniques. Students will compose timed in-class essays, extended analyses outside of class, research papers and dialectical notebooks, and will revise and rewrite papers extensively. Students will read various works by many different authors from different time periods and genres.

51994F Freshman English I (ENG 1003) (12th)

1 Semester, 1 Unit

Fall Only

See page 26.

51994S Freshman English II (ENG 1013) (12th)

1 Semester, 1 Unit

Spring Only

See page 26.

Language Arts Electives

414000 **Oral Communications** (10th, 11th, 12th)

1 Semester, 1/2 Unit **Fall or Spring**

Students will work extensively on personal improvement in all areas of communication including interpersonal, intrapersonal, small-group, public speaking, debate, parliamentary procedure, theater, oral interpretation and storytelling. **This course is required for graduation.**

519061 **Mythology** (10th, 11th, 12th)

1 Semester, 1/2 Unit **Fall or Spring**

This course consists of a study of Greek mythology and its impact on Western culture.

414030 **Forensics II** (10th, 11th, 12th)

1 Year, 1 Unit

Students in Forensics II will prepare and perform material in three main content areas: interpretation, acting and public speaking. Within these three content areas are solo acting; duet acting; oratory; extemporaneous speaking; prose; poetry; storytelling; mime; and improvised duet acting. Students are required to attend no less than three statewide competitions and perform prepared works. **This course does NOT meet the Oral Communications requirement for graduation.**

414040 **Forensics III** (11th, 12th)

1 Year, 1 Unit

In addition to preparation and performance requirements listed above, Forensics III students are given directorial responsibilities. Students will perform in the areas of acting, interpretation and public speaking; moreover, they will mentor and direct specific individual event performances for class and competition. **This course does NOT meet the Oral Communications requirement for graduation.**

414090 **Forensics IV** (12th)

1 Year, 1 Unit

Forensics IV students will perform and compete in class and on the competitive circuit. They will direct individual and group events. Group events include Readers Theatre and Words & Music. This directorial objective includes writing and producing scripts, as well as mentoring

younger students. In addition to preparing works for class and competition, Literary Interpretation III students are required to direct community-based performances as part of the directoral process. **This course does NOT meet the Oral Communications requirement for graduation.**

414060 **Debate II** (10th, 11th, 12th)

414070 **Debate III** (11th, 12th)

414080 **Debate IV** (12th)

1 Year, 1 Unit

Prerequisite: Debate I and Teacher approval

These courses are required for students competing on the NDT Debate circuit in Arkansas. Debaters are mandated to attend a one-week camp in the summer as well as 12-15 tournaments during the school year. Debaters must take this course each year they compete. Since extensive research is required, debate students must exhibit high intrinsic motivation and advanced reading and writing skills. **These courses do NOT meet the Oral Communications requirement for graduation.**

415000 **Journalism I** (10th, 11th, 12th)

1 Year, 1 Unit

This course is the prerequisite for Yearbook and Newspaper staff. Journalism I covers writing, reporting, advertising, photography, layout and design, desktop publishing and print news writing.

41501N **Newspaper I** (11th, 12th)

41502N **Newspaper II** (12th)

1 Year, 1 Unit

Prerequisite: Journalism I, by application only

These Journalism courses consist of working directly on the school newspaper. These courses are graded.

41501Y **Yearbook I** (11th, 12th)

41502Y **Yearbook II** (12th)

1 Year, 1 Unit

Prerequisite: Journalism 1, by application only

These Journalism courses consist of working directly on the school yearbook. These courses are graded.

Mathematics

AP level Math courses are the fastest paced and most difficult level offered. Students must complete the AP exam in order to receive weighted credit for an AP course. Through the AP exam, students may earn up to six (6) hours of college credit.

430000 Algebra I

1 Year, 1 Unit

Concepts emphasized in this course include linear, quadratic, and exponential functions, solving equations and inequalities, laws of exponents, and data analysis. Students will interpret functions given graphically, numerically, analytically and verbally.

431000 Geometry (10th, 11th, 12th)

1 Year, 1 Unit

Prerequisite: Algebra I

This course emphasizes the development of a mathematical system based on inductive and deductive reasoning and geometric transformations. Concepts such as congruence, similarity, symmetry, and polygons are studied through constructions, proofs, and modeling. A graphing calculator and geometry computer software will be used.

435000 Bridge to Algebra II (11th, 12th)

1 Year, 1 Unit

Prerequisite: Algebra I and Geometry

This course reinforces concepts that were previously included in the Algebra I course. Quadratics and exponential concepts are focused on through modeling functions and interpreting data. Other topics include graph and function analysis, and statistics and probability. This class prepares students for Algebra II. **To take this course, you must have a signed Smart Core Waiver form. This course does not meet requirements for NCAA eligibility.**

432000 Algebra II (10th, 11th, 12th)

1 Year, 1 Unit

Prerequisite: Algebra I and Geometry

Emphasis is given in this course to the understanding and application of polynomial, rational, radical, exponential, and trigonometric functions. Other topics include complex numbers, logarithms, sequences and series, probability and statistics. This is the third required math course for any student on Smart Core; however, students who have struggled in Algebra I and Geometry may consider taking Bridge to Algebra II prior to Algebra II.

43200P Pre AP Algebra II (10th)

1 Year, 1 Unit

Prerequisite: Algebra I & Geometry

It is **strongly recommended** that students have taken PreAP Algebra I and PreAP Geometry and achieved an 'A' or 'B' in both courses. This course is similar to 432000, but is a more rigorous course and therefore goes into greater depth, moves at a faster pace, includes more challenging problems, and covers additional topics. This class is recommended for college-bound students who plan to take AP Calculus AB.

439070 Algebra III (11th, 12th)

1 Year, 1 Unit

Prerequisite: Algebra II and Geometry

This course may not be taken concurrently with Pre-Calculus. This course is designed to enhance the higher level thinking skills developed in Algebra II. Students will increase their understanding of algebraic, linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions. Additional topics include matrix operations, conic sections, and sequences and series. This is an excellent prep course for college bound students and can be used to fill the 4th credit requirement for smart core.

433000 Pre-Calculus (11th, 12th)

1 Year, 1 Unit

Prerequisite: Geometry and Algebra II

This course builds on concepts from Algebra II. First semester includes complex numbers, functions (such as polynomial, rational, exponential and logarithmic functions) and their graphs, and conic sections. Second semester emphasizes trigonometry, but also includes vectors and polar/rectangular coordinates. This class is more difficult than Algebra III and Advanced Topics & Modeling in Math and will require more study time. **Students may not take Pre-Calculus and Algebra III concurrently.**

43300P Pre AP Pre-Calculus (11th, 12th)

1 Year, 1 Unit

Prerequisite: Algebra II and Geometry

It is **strongly recommended** that students have taken PreAP Algebra II and PreAP Geometry and achieved an 'A' or 'B' in both courses. This course is similar to the 433000, but is a more rigorous course and therefore goes into greater depth, moves at a faster pace, includes more challenging problems, and covers additional topics, including sequences/series and limits. This class is recommended for college-bound students who plan to take AP Calculus AB.

534040 AP Calculus AB (11th, 12th)

1 Year, 1 Unit

Prerequisite: Pre-Calculus

It is **strongly recommended** that students have taken PreAP Pre-Calculus and achieved an 'A' or 'B' in the course. AP Calculus is a college level course similar to 434010, but is a more rigorous course and therefore goes into greater depth, moves at a faster pace, includes more challenging problems, and covers additional topics. Through the AP Calculus AB Exam, students may earn up to four (4) hours of college credit. Students must complete the AP exam at the end of the year to receive weighted credit for the course.

539030 **AP Statistics** (11th, 12th)

1 Year, 1 Unit

Prerequisite: Successful completion of Algebra II

It is **strongly** recommended that students have an 'A' or 'B' in Algebra II in order to be successful in this course.

AP Statistics is a college-level course that is designed for high-ability math students. This course will introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students will be exposed to four broad conceptual themes: 1. Exploring Data: Describing patterns and departures from patterns, 2. Sampling and Experimentation: Planning and conducting a study, 3. Anticipating Patterns: Exploring random phenomena using probability and simulation, and 4. Statistical Inference: Estimating population parameters and testing hypotheses.

Students who successfully complete the course and exam may receive credit, advanced placement or both for a one-semester introductory college statistics course. The AP

Statistics course is an excellent option for any secondary school student who has successfully completed a second-year course in algebra and who possesses sufficient mathematical maturity and quantitative reasoning ability.

53990F **College Algebra (MATH 1023)** (12th)

1 Semester, 1 Unit

Fall Only

See page 26.

53990S **College Algebra (MATH 1023)** (12th)

1 Semester, 1 Unit

Spring Only

See page 26.

539902 **Applied Statistics (MATH 2233)** (12th)

1 Semester, 1 Unit

Spring Only

See page 26.

Science

AP Science courses are the fastest paced and most difficult level offered. Students must complete the AP exam in order to receive weighted credit for an AP course. Through the AP exam, student may earn up to eight (8) hours of college credit.

423000 **Physical Science**

1 Year, 1 Unit

This course involves learning the basic principles of chemistry and how it relates to our environment. The course of study will include atoms, molecules, bonds, equations, and the periodic chart. The course will also cover the fundamentals of physics such as problem solving related to mechanics, sound, and electrical energy.

420000 **Biology** (10th)

1 Year, 1 Unit

This life science course explores the biochemistry of living organisms, the cell, the flow of energy through organisms, genetics, evolution, taxonomy, and ecology. Students will also engage in hand-on activities in lab. **This course is required for graduation.** The ACTAAP End of Course Biology exam is given when the course is complete.

42000P **Pre AP Biology** (10th, 11th)

1 Year, 1 Unit

This course will provide the students with an understanding of living systems. Students will examine scientific explanations, conduct experiments, analyze and communicate information. This course emphasizes biochemical life processes, cellular organization, mechanisms of inheritance, dynamic relationships among organisms, and the change in organisms through time. The ACTAAP End of Course Biology exam is given when the course is complete.

520030 **AP Biology** (11th, 12th)

1 Year, 1 Unit

Prerequisite: Biology

It is **strongly** recommended that students have taken PreAP Biology and achieved an 'A' or 'B' in that course.

AP Biology includes topics regularly covered in a college biology course for majors. This course builds from the Pre-AP Biology foundation and emphasizes plant and animal structure, evolution, and ecology. The labs are equivalent to those done by college students such as bacteria transformation, gel electrophoresis, and transpiration in plants.

424020 **Environmental Science** (11th, 12th)

1 Year, 1 Unit

This course is designed to give an in-depth study of environmental topics such as mapping, water, weather, volcanoes, earthquakes, erosion, and wildlife management. Topics are Arkansas related whenever possible.

523030 **AP Environmental Science** (11th, 12th)

1 Year, 1 Unit

Prerequisite: Successful completion of Physical Science, Biology, and Algebra II.

It is strongly recommended that students have taken Pre-AP Biology and earned an 'A' or 'B' in that course. The AP Environmental Science course is designed to be the equivalent of an introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that the students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

424030 **Anatomy & Physiology** (11th, 12th)

1 Year, 1 Unit

This is an advanced lab course that covers human body systems from the molecular level to the identification and function of particular organs. Labs include microscopic and mammalian organ investigations.

520020 **Botany/Zoology** (11th, 12th)

1 Year, 1 Unit

This course is designed to explore Arkansas' plants and animals. Hands on activities, dissections, plant and animal identification, and outside adventures credit this course a unique view of science. The curriculum begins with the anatomy and physiology of plants then shifts to invertebrate and vertebrate zoology. Invertebrate zoology examines insects, worms, jellyfish, and sponges. Vertebrate zoology investigates amphibians, fish, reptiles, birds and mammals.

421000 **Chemistry** (11th, 12th)

1 Year, 1 Unit

This course is designed for students who do not plan science majors or careers. Chemistry is the study of matter, its properties, and changes that matter undergoes. A good understanding of algebraic principles is necessary. Due to the nature of the presentation, changes are not encouraged at semester between Chemistry and Chemistry PreAP.

42100P **Pre AP Chemistry** (10th, 11th, 12th)

1 Year, 1 Unit

This course is designed for college-prep students who plan majors or careers in science, medicine or engineering. The properties and changes in matter are studied for a theoretical, practical and mathematical viewpoint. This course is designed to prepare students for AP Chemistry or a first-year college chemistry course.

521030 **AP Chemistry** (11th, 12th)

1 Year, 1 Unit

Prerequisite: Chemistry

It is strongly recommended that students have taken PreAP Chemistry and achieved an 'A' or 'B' in that course. AP Chemistry is a college level course designed to extend basic concepts from the Pre AP course. Chemical calculations will also be emphasized. Students are expected to have mastered high school chemistry. Excellent math skills are required. Students should be prepared for extensive after class effort to ensure success in this course.

422000 **Physics** (11th, 12th)

1 Year, 1 Unit

Prerequisite: Algebra II

It is strongly recommended that students have taken Algebra II and achieved a grade of 'A' or 'B' in that course. Physics consists of the study of mechanics in the fall semester followed by the basic principles of other forms of energy, including light, sound, electrical, and nuclear. This course is definitely geared for any student who plans on majoring in math and/or engineering.

522080 **AP Physics 1** (12th)

1 Year, 1 Unit

Prerequisite: Algebra II and/or Pre-Calculus

It is strongly recommended that students have successfully complete PreAP Algebra II and/or PreAP Pre-Calculus and have achieved an 'A' or 'B' in order to be successful in this course. AP Physics B is a college level course designed to provide advanced knowledge of the discipline of physics including Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It will also introduce electric circuits. The course reflects the math based approach of a first year university physics course; therefore, **strong** math skills **are** essential.

529910 **Principles of Biology (BIOL 1104)** (12th)

1 Semester, 1 Unit

Fall or Spring

Prerequisite: Successful completion of Biology and 19 on Reading ACT

This is a concurrent class. See description on page 27.

Social Studies

AP Social Studies courses are the fastest paced and most difficult level offered. Students must complete the AP exam in order to receive weighted credit for an AP course. Through the AP exam, students may earn up to six (6) hours of college credit.

472000 **Civics** (10th)

1 Semester, 1/2 Unit **Fall or Spring**

Civics is the study of the rights and responsibilities of American citizens in their relationships to our democratic form of government. The local, state, and national levels of government are covered, as well as types of government from the past and in other countries.

474300 **Economics** (10th)

1 Semester, 1/2 Unit **Fall or Spring**

Economics is a one-semester course that will explore the interrelationships among the roles played by consumers, producers, capital, land, and labor as well as the interrelationships among economic, political, and social lives. Students will examine the relationship between individual choices and influence of these choices on occupational goals and future earnings potential.

470000 **American History** (11th)

1 Year, 1 Unit

American History is a survey course on U.S. History from post-Civil War to the modern era. The course emphasizes the contribution of all groups in America and America's continued quest for stability in the international realm.

47000D **Digital American History** (11th)

1 Year, 1 Unit

Digital American History will cover the same curriculum as Regular American History, but will be delivered digitally. Students will complete the majority of the curriculum through the internet outside of school. The student will have access to the teacher during the school day if needed. For more information, please read the "Digital Learning Courses" section on page 9. It is strongly recommended that the student have a 'C' average or above in prior social studies classes.

570020 **AP United States History** (10th, 11th, 12th)

1 Year, 1 Unit

It is recommended that students have taken both PreAP English 9 and PreAP Civics/Economics and achieved an 'A' or 'B' in both courses. It is strongly recommended that students enroll concurrently in a PreAP/AP English Language course. AP United States History is a college level course dating from the 15th century to the present. The course is designed to provide students with the analytical skills and enduring understanding necessary to deal critically with the problems and materials in U.S. history. Students learn to assess historical material and to weigh the evidence and interpretations presented in historical scholarship. Emphasis is placed on analytical

writing, class discussion, use of primary sources, and critical reading.

471000 **World History** (12th)

1 Year, 1 Unit

World History consists of a description of the development of the civilizations of the world. The course begins with the rise of civilization, through the Middle Ages, the Renaissance, the revolutions in France and America, the World Wars, and society's entrance into the Atomic Age.

47100D **Digital World History** (12th)

1 Year, 1 Unit

Digital World History will cover the same curriculum as Regular World History, but will be delivered digitally. Students will complete the majority of the curriculum through the internet outside of school. The student will have access to the teacher during the school day if needed. For more information, please read the "Digital Learning Courses" section on page 9. It is strongly recommended that the student have a 'C' average or above in prior social studies classes.

571020 **AP World History** (11th, 12th)

1 Year, 1 Unit

It is strongly recommended that students enroll concurrently in a PreAP/AP English language Course. AP World History is a college level course dating from 2500 BCE to the present. The course highlights the impact of societal interactions, change and continuity across world history periods, the impact of technology and demography, social and gender structures, cultural and intellectual developments, and functions of states. Emphasis is placed on analytical writing, class discussion, use of primary sources and critical reading.

572040 **AP U.S. Government** (11th, 12th)

1 Year, 1 Unit

Note: This course will be offered in alternating years with AP European History and will be offered in the 2019-2020 school year.

AP U.S. Government and Politics introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. The course examines politically significant concepts and themes, through which students learn to apply disciplinary reasoning, assess causes and consequences of political events, and interpret data to develop evidence-based arguments. This course meets the Civics requirement for graduation.

579170 **AP European History** (11th, 12th)

1 Year, 1 Unit

Note: This course will be offered in alternating years with AP US Government and will be offered during the 2020-2021 school year. AP European History is a challenging course designed to be the equivalent of a freshmen college Western Civilization survey course. AP European History begins with a brief review of European history from the fall of the Roman Empire to the birth of the nation states. The area of emphasis is from the Renaissance to the present day European union. All areas of history are covered, including social, political, economic, intellectual, cultural, and art history. Emphasis is placed on analytical writing, class discussion, use of primary sources and critical reading.

474400 **Psychology** (10th, 11th, 12th)

1 Semester, 1/2 Unit

Fall or Spring

The student will study the biological basis of social behavior, social interaction and development, and intelligence. Additional topics will be personality and psychopathology.

474500 **Sociology** (10th, 11th, 12th)

1 Semester, 1/2 Unit

Fall or Spring

The focus in this course will be on culture and society; conformity, deviance and crime; sociobiology; socialization; theoretical perspective and sociological research.

Foreign Languages

AP Foreign Language courses are the fastest paced and most difficult level offered. Students must complete the AP exam in order to receive weighted credit for an AP course. Through the AP exam, students may earn up to eight (8) hours of college credit.

440000 **Spanish I** (10th, 11th, 12th)

1 Year, 1 Unit

Spanish I is a first year course in which students will be introduced to basics of communication, structure, and culture of the Spanish-speaking world.

440020 **Spanish II** (10th, 11th, 12th)

1 Year, 1 Unit

Prerequisite: successful completion of Spanish I

Spanish II is an intermediate course in which the students advance their knowledge of structure in the written and spoken language and expand culture studies. **Students wishing to proceed to Spanish III must take Spanish II Pre AP.**

54990F **Concurrent Spanish I (SPAN 1013)** (11th,12th)

1 Semester, 1 Unit

Fall Only

Prerequisite: 19 in English and Reading on ACT

This course is a concurrent college course. It is strongly recommended that student have taken at least one year of Spanish in high school and achieved an 'A' or 'B' in the course. ACT requirements must be met before enrolling. See page 27 for a complete description.

54990S **Concurrent Spanish II (SPAN 1023)**(11th,12th)

1 Semester, 1 Unit

Spring Only

Prerequisite: SPAN 1013 or at least one year of high school Spanish and ACT requirements

Spanish II is a continuation of Spanish I. See page 27 for more information. It is strongly recommended that students have taken Concurrent Spanish I and achieved an 'A' or 'B' in that course.

44002P **PreAP Spanish II** (10th, 11th, 12th)

1 Year, 1 Unit

Prerequisite: successful completion of Spanish I

It is strongly recommended that students have achieved an 'A' or 'B' in Spanish I. Spanish II Pre AP is similar to Spanish II, but with a more accelerated pace which emphasizes grammar and prepares the student for Spanish III.

440030 **Pre AP Spanish III** (11th, 12th)

1 Year, 1 Unit

Prerequisite: PreAP Spanish II or teacher approval

It is strongly recommended that students have successfully completed PreAP Spanish II and achieved an 'A' or 'B' in that course. Spanish III is an advanced language course focusing on improving reading, listening, writing and speaking skills in preparation for the fourth year AP Spanish Language course.

540070 **AP Spanish Language** (12th)

1 Year, 1 Unit

Prerequisite: PreAp Spanish III or teacher approval

It is strongly recommended that students have successfully completed PreAP Spanish III and achieved an 'A' or 'B' in that course. AP Spanish Language is a college level course designed to promote the use of Spanish for active communication. The course encompasses oral skills, grammar, composition, and reading comprehension. Special emphasis is placed on the use of authentic source materials and the integration of language skills.

441000 **French I** (10th, 11th, 12th)

1 Year, 1 Unit

French I is a first year course in which students will be introduced to basics of communication, structure, and culture of the French-speaking world.

441010 **French II** (10th, 11th, 12th)

1 Year, 1 Unit

Prerequisite: successful completion of French I

French II is an intermediate course in which the students advance their knowledge of structure in the written and spoken language and expand culture studies.

44101P **PreAP French II** (10th, 11th, 12th)

1 Year, 1 Unit

Prerequisite: successful completion of French I

It is **strongly** recommended that students have achieved an 'A' or 'B' in French I. French II Pre AP is similar to French II, but with a more accelerated pace which emphasizes grammar and prepares the student for AP French Language.

441030 **PreAP French III** (11th, 12th)

1 Year, 1 Unit

Prerequisite: PreAP French II or teacher approval

It is **strongly** recommended that students have successfully completed Pre AP French II and achieved an 'A' or 'B' in that course. French III is an advanced language course focusing on improving reading, listening, writing and speaking skills in preparation for the fourth year AP French Language course.

541060 **AP French Language** (12th)

1 Year, 1 Unit

Prerequisite: PreAP French III or teacher approval

It is **strongly** recommended that students have successfully completed PreAP French III and achieved an 'A' or 'B' in that course. AP French Language is a college level course designed to promote the use of French for active communication. The course encompasses oral skills, grammar, composition, and reading comprehension. Special emphasis is placed on the use of authentic source materials and the integration of language skills.

442000 **German I** (10th, 11th, 12th)

1 Year, 1 Unit

German I is a first year course in which students will be introduced to basics of communication, structure, and culture of the German-speaking world.

442010 **German II** (10th, 11th, 12th)

1 Year, 1 Unit

Prerequisite: successful completion of German I

German II is an intermediate course in which the students advance their knowledge of structure in the written and spoken language and expand culture studies.

44201P **Pre AP German II** (10th, 11th, 12th)

1 Year, 1 Unit

Prerequisite: successful completion of German I

It is **strongly** recommended that students have achieved an 'A' or 'B' in German I. German II Pre AP is similar to German II, but with a more accelerated pace which emphasizes grammar and prepares the student for AP German Language.

442030 **Pre AP German III** (11th, 12th)

1 Year, 1 Unit

Prerequisite: PreAP German II or teacher approval

It is **strongly** recommended that students have successfully completed PreAP German II and achieved an 'A' or 'B' in that course. German III is an advanced language course focusing on improving reading, listening, writing and speaking skills in preparation for the fourth year AP German Language course.

542060 **AP German Language** (12th)

1 Year, 1 Unit

Prerequisite: PreAP German III or teacher approval

It is **strongly** recommended that students have successfully completed PreAP German III and achieved an 'A' or 'B' in that course. AP German Language is a college level course designed to promote the use of German for active communication. The course encompasses oral skills, grammar, composition, and reading comprehension. Special emphasis is placed on the use of authentic source materials and the integration of language skills.

Fine Arts

AP Fine Arts courses are the fastest paced and most difficult level offered. Students must complete the AP exam or portfolio in order to receive weighted credit for an AP course. Through the AP exam, students may earn up to six (6) hours of college credit.

ART

If you have one year or less of junior high art, choose from the following:

450000 **Art I** (10th, 11th, 12th)

1 Year, 1 Unit

This is an introductory class in which students will be taught to use line, value, proportion, and perspective to make things they draw look 3-dimensional. Students will use a variety of color media, learn basic color theory, and be introduced to 3-dimensional design and construction. Students will explore specific artists, styles, and periods of art. Students will be expected to prepare at least one piece of art for the annual art show and keep a sketchbook. **This is the entry level course for students planning to take additional art courses in high school. This course meets the Fine Arts requirement for graduation.**

450030 **Art II** (10th, 11th, 12th)

1 Year, 1 Unit

Prerequisite: Art I

All upper level art classes require this class as a prerequisite. Through the study of a variety of specific media, students will further develop technical drawing skills and explore design and personal expression in their work. Students will study specific artists, styles, and periods of art and will be expected to complete work within a time frame, do one homework assignment each week, and enter art contests. The list of materials necessary for this class is available upon request.

AFTER Art II, choose from the following:

450080 **Studio Art 2-D** (11th, 12th)

1 Semester, 1/2 Unit

Fall Only

Prerequisite: Art II

This is a one-semester course designed for students who have successfully completed Art II. Studio Art 2-D is a 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.

450090 **Studio Art 3-D** (11th, 12th)

1 Semester, 1/2 Unit

Spring Only

Prerequisite: Art II

Studio Art 3-D is a one-semester course designed for students who have successfully completed Art II. This is a 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 ceramics, jewelry, mosaics, fiber arts, sculptures, mixed media, altered books, or other 3-D media.

450040 **Art III** (11th, 12th)

1 Year, 1 Unit

Prerequisite: Art II

This class is recommended for the serious art student who may be thinking of pursuing a career in art or an art related field or have a strong interest in making art. Students will design and execute solutions to problems in art while further developing compositional, technical and media skills. They will explore themes, idea development and cultural and historical background through various media. Students will be expected to complete work within a time frame, do one homework assignment each week and enter art contests. The list of materials necessary for this class is available upon request.

550030 **Graphic Design I** (11th, 12th)

1 Year, 1 Unit

Prerequisite: Art II

This is a computer-based introductory exploration of the basic knowledge (concepts, history, and artists), tasks skills and demands of graphic design as a profession. The student will explore a broad range of media used in creating well designed solutions for graphics in print advertising, packaging, and a variety of electronic media including computer graphics and the internet.

550040 **Graphic Design II** (11th, 12th)

1 Year, 1 Unit

Prerequisite: Graphic Design I

Students will be involved in an advanced and more independent exploration of a broad spectrum of real world design challenges based upon the skills and material learned in Graphic Design I. More advanced problem solving through the creation of graphic design for both print and web applications will be explored.

559030 **AP Art History** (11th, 12th)

1 Year, 1 Unit

AP Art History is a college level course designed to introduce various art forms such as: painting, drawing, architecture, and sculpture. Students examine major forms of artistic expression from the ancient world to the present and from a variety of cultures. Students learn to analyze works of art within their historical context, and to articulate what they see or experience in a meaningful way. **AP Art History meets the fine arts requirement for graduation.**

If you've completed Art III OR YOU are a senior intending to major in art, YOU are ready for the challenge of:

559040 **AP Studio Art Drawing** (11th, 12th)

1 Year, 2 Units

Prerequisite: Art III

Students will develop a portfolio that fulfills three separate area requirements. Focus is on the mastery of drawing issues (light and shade, line quality, mark-making, rendering of form, composition, surface manipulation, and the illusion of depth) through a variety of media and approaches. Class requirements include research and sketchbook development.

559050 **AP Studio Art 2D Design** (11th, 12th)

1 Year, 2 Units

Prerequisite: Art III

Students will develop a portfolio that fulfills three separate area requirements. The focus of student work is on demonstration of the student's decision making about and knowledgeable use of the principles and elements of art in creating works of art that convey meaning through a variety of visual explorations and media. Class requirements include research and sketchbook development.

MUSIC

453030 **Music Appreciation** (10th, 11th, 12th)

1 Semester, 1/2 Unit **Fall or Spring**

Preference will be given to Juniors and Seniors

This is a foundational music appreciation course. Through this historical survey of musical arts, students will learn about artistic development through the ages, gain an understanding of how culture and events have shaped the arts and understand the inter-relatedness of the arts. **This course meets the Fine Arts requirement for graduation.**

451040 **Instrumental Music II** (10th)

1 Year, 1 Unit

451050 **Instrumental Music III** (11th)

1 Year, 1 Unit

451060 **Instrumental Music IV** (12th)

1 Year, 1 Unit

In order to be in the high school band, a student must demonstrate to the director an acceptable level of proficiency on a band instrument. This will be accomplished using a standard audition process. The audition process will include achieving or exceeding minimum performance scores on all major scales, required audition exercises and a music sight-reading test to gauge the student's grasp of basic music concepts. The HS band performs at many athletic events, three to four marching contests, parades and multiple concerts. Attendance at these events is required and is reflected in the grading process for this class. Students may also be required to participate in region and state level competitions. No student will be placed in any band without the successful completion of the audition process.

451200 **Jazz Band I** (10th)

1 Year, 1 Unit

451210 **Jazz Band II** (11th)

1 Year, 1 Unit

451220 **Jazz Band III** (12th)

1 Year, 1 Unit

Prerequisite: Audition

This course is offered by audition to any student who is also enrolled in band and successfully completes the audition process. Jazz Band instrumentation includes piano, trap set, rhythm and bass guitar along with saxophone, trumpet, and trombone. The Jazz Band learns many new musical styles in a traditional big band setting. Much time is invested in learning and interpreting chord symbols as well as required attendance at several public performances. No student will be placed in jazz band without the successful completion of the audition process.

45200F **Vocal Music I Female** (10th, 11th, 12th)

45200M **Vocal Music I Male** (10th, 11th, 12th)

1 Year, 1 Unit

45204F **Vocal Music II Female** (10th, 11th, 12th)

45204M **Vocal Music II Male** (10th, 11th, 12th)

1 Year, 1 Unit

45205F **Vocal Music III Female** (11th, 12th)

45205M **Vocal Music III Male** (11th, 12th)

1 Year, 1 Unit

45206F **Vocal Music IV Female** (12th)

45206M **Vocal Music IV Male** (12th)

1 Year, 1 Unit

Prerequisite: Audition

The Cabot Choir is a performance organization with presentations locally and at region and state choral competitions. All-Region choir try-outs are required. Attendance at all concerts and performances is required. There will be some weekend and evening activities. Choral uniforms are required at student expense. The

Cabot Choir is an opportunity for the student to grow musically and develop better vocal production. (Students must meet minimum Arkansas Activities Association eligibility requirements.) **This course meets the Fine Arts requirement for graduation.**

559010 **AP Music Theory** (11th, 12th)

1 Year, 1 Unit

Prerequisite: Concurrent enrollment in Band, Choir, or student application

This course is 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). The course is designed for students who plan to continue with music at the college level.

459100 **Theater I** (10th, 11th, 12th)

1 Year, 1 Unit

Prerequisite: Intro to Forensics, Drama, Forensics I, or teacher approval

Theater I introduces students to the directing side of theatre. Students are required to run CHS drama camp and attend the fall play and spring musical. They will also explore the different acting styles in theatre history. **This course meets the Fine Arts requirement for graduation.**

459110 **Theater II** (11th, 12th)

1 Year, 1 Unit

Prerequisite: Theater I, 2.0 GPA & teacher approval

Theater II students will chart an independent course of study in the areas of directing or acting. They will create a portfolio of performances. Students are required to audition and perform in the fall production. Three hours of rehearsals outside of school per week the 1st 9-weeks of school. Students will continue their studies of theatre history with an emphasis on acting styles of the time periods. Students are expected to attend and critique outside performances. **This course meets the Fine Arts requirement for graduation.**

459120 **Theater III** (12th)

1 Year, 1 Local Unit

Prerequisite: Theater II or teacher approval

Theater III introduces students to the directing side of theatre. Students are required to run CHS drama camp and produce the fall play and spring musical. Auditions for the fall play and course will be held in May of the previous year. **This course meets the Fine Arts requirement for graduation.**

459200 **Theater Dance I** (10th, 11th, 12th)

1 Year, 1 Unit

Prerequisite: 2.0 GPA & teacher approval

Theater Dance I will instruct learners of all dance levels the fundamentals of ballet, jazz, lyrical and modern dance. The class dresses out daily. Students are required to perform in the talent show with the class, run CHS drama camp and perform in the spring dance recital. The basic dress out requirement can be purchased through the dance program for \$65. **This course meets the Fine Arts requirement for graduation.**

459210 **Theater Dance II** (10th, 11th, 12th)

1 Year, 1 Unit

Prerequisite: 2.0 GPA & teacher approval

Theater Dance II is a continuation of the fundamentals learned in Theater Dance I. The basic dress out requirement can be purchased through the dance program for \$65. **This course meets the Fine Arts requirement for graduation.**

459240 **Stagecraft I** (10th, 11th)

1 Year, 1 Unit

Prerequisite: Application & Teacher approval

This course introduces students to the technical aspects of play production. Students will be introduced to set painting, set construction, lighting, sound, costuming, makeup and beginning stage design. Students will build and paint the sets for the school productions. They will have the opportunity to work backstage for these productions. **This course meets the Fine Arts requirement for graduation.**

459250 **Stagecraft II** (11th, 12th)

1 Year, 1 Unit

Prerequisite: B or better in Stagecraft I and teacher approval

In this course, students study design for sets and lights. Students chair the backstage crews for all productions in the theatre. There will be a more in-depth study of design elements for stage settings. Students are required to work backstage for theatrical productions. **This course meets the Fine Arts requirement for graduation.**

459260 **Stagecraft III** (12th)

1 Year, 1 Unit

Prerequisite: B or better in Stagecraft II and teacher approval

Third year students will work in a selected area during the year. They will help design sets, lights and sound for all stage productions. Students will have an independent project. They are required to work a major production plus other school programs.

Health and P.E.

48000D **Health and Safety** (10th, 11th, 12th)

1 Semester, 1/2 Unit **Fall or Spring**

This course covers body systems, first aid, substance abuse, teen pregnancy, nutrition, human relations, STDs, AIDS, self-esteem, communicable diseases, fitness/staying fit, alcohol and tobacco use and abuse.

This course is required for graduation.

48500F **Physical Education - Fall** (10th, 11th, 12th)

48500S **Physical Education - Spring** (10th, 11th, 12th)

1 Year, 1 Unit

This course gives students the opportunity to participate in a variety of sports and activities. It is a coeducational course with objectives directed toward development of neuromuscular skills and physical fitness, understanding of rules and strategies, and good use of leisure time. Attendance, participation, and written and skills assessments will be used throughout the course to determine a student's grade. **Physical education may be taken for one semester – either fall or spring.**

48501A **Personal Fitness for Life – Girls Soccer**

48501B **Personal Fitness for Life – Boys Basketball**

48501C **Personal Fitness for Life – Cross Country**

48501D **Personal Fitness for Life – Dance Team**

48501F **Personal Fitness for Life – Football**

48501G **Personal Fitness for Life – Girls Basketball**

48501P **Personal Fitness for Life – Boys Soccer**

48501S **Personal Fitness for Life - Softball**

48501T **Personal Fitness for Life – Track**

48501V **Personal Fitness for Life – Volleyball**

48501W **Personal Fitness for Life - Swimming**

48501X **Personal Fitness for Life – Baseball**

1 Semester, 1/2 Unit **Fall or Spring**

This course is for students participating in athletics during the school day. It will be taken during the off-season of the sport you participate in and will count as ½ credit of physical education. This course promotes health and healthy lifestyle, which contributes to improved student performance in all areas, including academic performance. **Note: Only ½ credit of Personal Fitness for Life may be earned in grades 10-12. A maximum of one unit of physical education may be counted toward graduation.**

Miscellaneous Electives

496010 **Service Learning** (11th, 12th)

Prerequisite: Application & Teacher Signature

Students may earn 1 unit of elective credit for 75 clock-hours of community service at work sites approved by the Arkansas Department of Volunteerism. Details and guidelines are available in the Counseling Center.

49601M **Service Learning-Museum** (11th, 12th)

Prerequisite: Application only & 1st period only

Students may earn 1 unit of elective credit for 75 clock-hours of community service at the CHS Museum. Students will be introduced to the field of museum work. A certain period of history is studied each semester in an attempt to collect ample information to enable students to construct an exhibit for the museum.

596100 **Gifted and Talented Seminar** (10th, 11th)

1 Year, 1 Unit

Co-requisite: Current enrollment in two or more Advanced courses including: Pre-AP/AP Language Arts & Pre-AP/AP Algebra II or higher

Gifted and Talented Seminar is an interdisciplinary course based on advanced concepts in language arts and mathematics. The course targets tenth grade students, and places an emphasis on preparation for high stake exams such as the PSAT. The four core process goals addressed in G/T Seminar are critical thinking, creative thinking, independent and group investigations, and personal

growth. **Note: If a student chooses to drop from any of the required co-requisite courses after the two week drop window, the student will automatically be dropped from G/T and placed in Academic Studies for no-credit.**

596101 **Gifted and Talented Seminar II** (11th)

1 Year, 1 Unit

Prerequisite: G/T Seminar I and

Referral by the G/T Seminar I instructor

G/T Seminar II is an interdisciplinary course based on advanced concepts in language arts and mathematics. The course targets 11th grade students and places an emphasis on preparation for high stake exams such as the PSAT (National Merit Semifinalist Qualifying Exam). Building an educated vocabulary is a key component of the class. The four core process goals addressed in this course are critical thinking, creative thinking, independent and group investigations, and personal growth.

99999T **Test Prep & Strategies** (11th & 12th)

1 Semester, NO CREDIT

Seniors – Fall Semester

Juniors – Spring Semester

This is an interdisciplinary course designed to prepare students for college entrance exams. The course targets 11th and 12th grade students and primarily addresses the ACT exam. Coursework will specifically emphasize

effective test-taking strategies, specifically grammar, algebra and geometry skills, and reading strategies. The course will also cover resume building, organization, and study/time-management skills. The fall semester will be

designed to prepare students for the December ACT; spring semester will prepare students for the April or June ACT.

Concurrent Enrollment Classes

The following college courses will be offered on the Cabot High School campus. Students successfully completing these courses will receive 1 credit per course which will count toward Cabot High School graduation requirements. Students will also receive three (3) hours of college credit through Arkansas State University at Beebe. These hours will be recorded on an ASU Beebe transcript.

Students will be required to pay tuition to ASU Beebe to enroll in these classes. The current cost is \$50 per college hour or \$150 per course. This tuition amount is subject to change. A representative from ASU Beebe will be on campus to register students. College textbooks must be purchased by students. **Students must have a CHS cumulative GPA of 2.5 or better. Students must meet the GPA and ACT prerequisites for concurrent courses prior to the first day of class. Students not meeting this requirement will not be scheduled for the concurrent course.**

Note: If a student earns a ‘D’ or ‘F’ in a college course first semester, they will not be allowed to take the 2nd semester of that course. Also, a ‘D’ or ‘F’ in a college course will not be accepted at any college or university.

ENGLISH

51994F **Freshman English I (ENG 1003)** (12th)

1 Semester, 1 Unit **Fall Only**

Prerequisite: 19 English ACT and 19 Reading ACT

This course focuses on instruction in expository essay form, structure, and style. Purposeful writing, self-expression, and the logical presentation of ideas is stressed. This course can transfer to any public university in Arkansas. **This course will substitute for the first semester of English 12 for graduation.**

51994S **Freshman English II (ENG 1013)** (12th)

1 Semester, 1 Unit **Spring Only**

Prerequisite: Freshman English I

This course is a continuation of Freshman English I 1003 with the addition of research papers and literary genres. Suitable documentation styles, proper outlining, and paraphrasing are included in the research paper study. Selection from poetry, short stories, and drama prepare students for other literature courses. This course can transfer to any public university in Arkansas. **This course will substitute for the second semester of English 12 for graduation.**

MATHEMATICS

53990F **College Algebra (MATH 1023)** (12th)

1 Semester, 1 Unit **Fall Only**

Prerequisite: 19 Math ACT and 19 Reading ACT and at least one semester of Pre-Calculus or Algebra III

This course is a study of quadratic equations and inequalities; polynomial, rational, exponential, and logarithmic functions; and graphing functions, combining functions, and inverse functions. It also studies solving

systems of linear and nonlinear equations; use of matrices and determinants; and emphasis on applications and problem solving. This course can transfer to any public university in Arkansas. **This course will count as a fourth year of math for unconditional enrollment in Arkansas and Arkansas Academic Challenge Scholarship.**

53990S **College Algebra (MATH 1023)** (12th)

1 Semester, 1 Unit **Spring Only**

Prerequisite: 19 Math ACT and 19 Reading ACT and Algebra II, one semester of Pre-Calculus or Algebra III

See the course description for 53990F. **This course will count as a fourth year of math for unconditional enrollment in Arkansas and Arkansas Academic Challenge Scholarship.**

539902 **Applied Statistics (MATH 2233)** (12th)

1 Semester, 1 Unit **Spring Only**

Prerequisite: College Algebra with grade of ‘C’ or better

This course is a study of elementary statistics for students in the biological, physical, or social sciences. Statistics provides students with an understanding of the concepts of mathematics analysis and normal curve distribution and measures of variability. This course can transfer to any public university in Arkansas.

SCIENCE

529910 **Principles of Biology (BIOL 1104)** (12th)

1 Semester, 1 Unit **Fall Only**
Prerequisite: Successful completion of Biology and 19 on Reading ACT

This course provides an in-depth study of the similarity and diversity of life on earth. This course is designed to give students the necessary background for further courses in biology, botany, and zoology. This course can transfer to any public university in Arkansas.

FOREIGN LANGUAGE

54990F **Spanish I (SPAN 1013)** (11th, 12th)

1 Semester, 1 Unit **Fall Only**
Prerequisite: 19 on Reading ACT

It is strongly recommended that students have taken at least one year of Spanish in high school and achieved an 'A' or 'B' in the course. Spanish I is designed to teach Spanish language and culture as complementary facets of a single reality. Students will learn authentic, unsimplified Spanish and use it in the context of actual communication. Spanish I is designed as a foundation course for students who intend to focus on careers based on either a primary or secondary use of the language. This course **MAY or MAY NOT** transfer to other public universities in Arkansas. It is strongly encouraged for

you to check with the university you plan to attend.

54990S **Spanish II (SPAN 1023)** (11th, 12th)

1 Semester, 1 Unit **Spring Only**
Prerequisite: SPAN 1013 or at least one year of high school Spanish and ACT requirement

Spanish II is a continuation of Spanish I. This course **MAY OR MAY NOT** transfer to other public universities in Arkansas. It is strongly encouraged for you to check with the university you plan to attend.

AUTOMOTIVE COLLISION

99999L **Automotive Analysis/Repair** (12th)

1 Year, 1 Unit
Prerequisite: Application and is able to leave after 4th period.

This course concentrates on analysis and repair of the structural and nonstructural components as they pertain to collision repair. Students can earn up to 6 hours of college credit by completing this program.

Non-Credit Activities

Students may only schedule one non-credit class per day. (ACT 675 of 2003)

99985C **Cheerleading** (10th, 11th, 12th) **NO CREDIT**
Prerequisite: By tryout only

Tryouts for Cheerleading are conducted each spring. A class period is required for cheerleaders to meet.

99985D **Dance Team** (10th, 11th, 12th) **NO CREDIT**
Prerequisite: By tryout only

Tryouts for Dance Team are conducted each spring. A class period is required for Dance Team to meet.

Non-Credit Athletics

Students may only schedule one non-credit class per day. (ACT 675 of 2003)

Athletics (10th, 11th, 12th) counts as NO CREDIT toward graduation and **will not** substitute for P. E. requirement. For the PE requirement, see the Personal Fitness for Life classes listed under the Health & P.E. section.

999811 Football	NO CREDIT
999812 Boys Basketball	NO CREDIT
999813 Girls Basketball	NO CREDIT
999814 Boys Track	NO CREDIT

999815 Girls Track	NO CREDIT
999821 Boys Cross Country	NO CREDIT
999822 Girls Cross Country	NO CREDIT
999823 Volleyball	NO CREDIT
999824 Baseball	NO CREDIT
999825 Softball	NO CREDIT
999826 Swimming	NO CREDIT
999827 Boys Soccer	NO CREDIT
999828 Girls Soccer	NO CREDIT

Career and Technical

AGRICULTURE

The National FFA Organization is an integral part of the instructional program in Agriculture Education and an extension of the classroom instruction. All students enrolled in agriculture education are obligated to pay local, state, and national dues. Additionally, all students taking agricultural courses must complete a record book detailing work experience or agricultural projects completed by the student during the year. Students who qualify may participate in the Agriculture Honors Program.

PALS

PALS (Partners in Active Learning Support) is a student organization that was founded through the National FFA Organization. The program matches secondary agricultural students with elementary students (1 or 2 days a week) to help them get excited about school, explore their interest in plants and animals, and to develop their personal skills. Mentoring activities will center on building trust and developing a positive self-esteem through sharing and working together in a one-to-one relationship. This class is designed to provide stability, guidance and support to students. This role is a major commitment on the part of the students being selected, because they will be helping to build the human resource potential of a young child and themselves. The mentors will receive training from high school and elementary counselors, and agriculture teachers during class periods when the mentors are not working with elementary students.

491030 **Agribusiness Management** (10th, 11th, 12th)

1 Year, 1 Unit

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.

491150 **Survey of Agriculture Systems** (10th, 11th, 12th)

1 Year, 1 Unit

This course serves as a foundation course for all agriculture programs of study. Topics include general agriculture, FFA, leadership, record keeping, supervised agriculture experiences, animal science, plant science, soil science and agricultural mechanics.

491300 **Leadership & Communications** (10th, 11th, 12th)

1 Semester, 1/2 Unit

Fall Only

Must be paired with Floriculture

This course introduces principles and techniques of agriculture business organization and operation leadership skills which may result in career development in the agriculture/agribusiness industry. Leadership and Communication is a class that will match secondary

agricultural students with elementary students (1 or 2 days a week) to help them get excited about school, explore their interests in plants and animals, and to develop their personal skills. Students in this course also participate in the PALS mentoring program.

491240 **Floriculture** (10th, 11th, 12th)

1 Semester, 1/2 Unit

Spring Only

Must be paired with Leadership & Communications

This course covers the principles of design, merchandising, careers, selection, storage, supplies, management practices, ownership, and employment in the floriculture industry. Students in this course also participate in the PALS mentoring program.

491310 **Natural Resource Management** (10th, 11th, 12th)

1 Year, 1 Unit

Students will explore natural resources (soil, water, air, forests, energy, minerals and metals, and wildlife) and develop the knowledge and skills to use them wisely. Other issues include outdoor recreation, careers, and the environment. Students in this course also participate in the PALS mentoring program.

491260 **Forestry** (11th, 12th)

1 Semester, 1/2 Unit

Fall Only

Must be paired with Advanced Animal Science

This course provides an overview of the forest industry and its importance to the economy of the nation. Tree identification, management practices, harvesting and marketing processes, and business applications are major topics.

491270 **Greenhouse Management** (10th, 11th, 12th)

1 Semester, 1/2 Unit

Spring Only

Must be paired with Aquaculture

This course includes the principles and techniques of producing, processing, and marketing plants, shrubs, and trees which may lead to career opportunities in greenhouse operations and/or management. Students in this course also participate in the PALS mentoring program.

491190 **Aquaculture** (10th, 11th, 12th)

1 Semester, 1/2 Unit

Fall Only

Must be paired with Greenhouse Management

This course surveys the management practices involved in the production and marketing of aquatic foods including: catfish, crawfish, alligators, etc. Study also includes the anatomy and physiology of fish and their economic importance to the aquaculture industry in Arkansas.

491010 **Advanced Animal Science** (11th, 12th)
1 Semester, 1/2 Unit **Spring Only**
Prerequisite: Animal Science
Must be paired with Forestry

Students will discuss clinical settings, the basic understanding of operations in a clinical setting in addition to scheduling, ordering supplies, inventory control, and teamwork dynamics. Students will also explore the safety, handling and restraint techniques, general patient care and assessment, and medicating of small animals. Students will learn basic medicating, physical exams, sample collection, and other routine procedures. Students will also be required to have job shadowing hours with this course in an approved veterinarian clinic.

491180 **Animal Science** (10th, 11th, 12th)
1 Year, 1 Unit

The course is structured to enable all students to have an overview of the Animal Industry. Topics covered in Animal Science include the Animal Industry, Animal Handling and Safety, Animal Anatomy/Physiology, and Animal Nutrition. Opportunities are provided for students to participate in FFA and supervised experience activities.

491340 **Plant Science** (10th, 11th, 12th)
1 Year, 1 Unit

This course is a general overview of plant science. Students will examine the plant science industry, safety in plant science and general plant anatomy. Students in this course also participate in the PALS mentoring program.

491390 **Agriculture Mechanics** (10th, 11th, 12th)
1 Year, 1 Unit

This course connects scientific principles with mechanical skills. Emphasis will be placed on agricultural technology, including such topics as electricity, internal combustion engines, metal technology, construction, and the development, role, and scope of mechanical technology in agriculture.

491380 **Agricultural Metals** (11th, 12th)
1 Year, 1 Unit

Prerequisite: Ag Mechanics

This course covers safety, technical information, tool fitting, sheet metal, hot and cold metal work, as well as an introduction to oxyacetylene welding and cutting and arc welding. It will also cover fabrication concepts, reading and implementing blueprints as they relate to metal work, gas welding, MIG welding, TIG welding, plasma cutting, and careers related to metal work. Safety practices and performance skills will be emphasized in each area.

AIR FORCE JROTC

AFJROTC provides instruction in air and space fundamentals, citizenship, community service, responsibility, character, and self-discipline. Students learn proper uniform wear, marching fundamentals, and health and wellness principles. **Each cadet is provided a uniform that must be worn one day each week.** In addition to our community service commitments, students are required to purchase the unit polo (\$25), which will be worn once a week in conjunction with khaki slacks.

495770 **Air Force ROTC II** (10th, 11th, 12th)
1 Year, 1 Unit

This course introduces students to the worlds' cultures through the study of world affairs, regional studies, and cultural awareness. Leadership will stress communication skills and cadet corps activities. Written reports and speeches compliment academic materials. Character discussions will be conducted. Health and wellness is an important part of this course, and includes a rigorous introduction to physical fitness which includes participation in the presidential fitness assessment.

495780 **Air Force ROTC III** (11th, 12th)
1 Year, 1 Unit

This course is a science course which examines the earth, moon, and planets, the latest advances in space technology, and continuing challenges of space and manned spaceflight. Leadership focus is on life skills, helpful to students in deciding which path to take after high school. Subjects covered include admission into higher education programs, job search, resume writing, financial planning and citizenship responsibilities. Health and wellness is an important part of this course, and includes a rigorous introduction to physical fitness which includes participation in the presidential fitness assessment.

495880 **Air Force ROTC IV** (12th)
1 Year, 1 Unit

The fourth-year course focuses on management of the corps, allowing cadets to direct and lead others through the day-today- operations of the program. This hands-on experience includes the planning and execution of drill and ceremony, community activities and special projects. Emphasis is placed on developing individual leadership characteristics, techniques and traits. Course topics include leadership, communication, military service, job search and college prep. Health and wellness is an important part of this course, and includes a rigorous introduction to physical fitness which includes participation in the presidential fitness assessment.

AUTOMOTIVE TECHNOLOGY

494180 **Brakes** (10th, 11th)

1 Year, 1 Unit

The class will focus on the proper use of tools, shop safety, and technical training in automotive technology. This course prepares individuals to engage in the diagnosis and repair of brakes. This course will be required of all students who will continue in the Automotive Technology program.

494190 **Electrical Systems** (11th, 12th)

1 Year, 1 Unit

Prerequisite: Brakes and Instructor approval

This course will concentrate on electronics and electrical systems. Learning will take place through classroom, computer lab, and shop activities. **Linked with 494210 in a two-hour block.**

494210 **Suspension & Steering** (11th, 12th)

1 Year, 1 Unit

Prerequisite: Brakes and Instructor approval

This course prepares individuals to engage in the diagnosis and repair of suspension and steering. Instruction will include units on steering systems diagnosis and repair; suspension systems diagnosis and repair; wheel alignment diagnosis, adjustment, and repair; and wheel and tire diagnosis and repair. **Linked with 494190 in a two-hour block.**

494200 **Engine Performance** (12th)

1 Year, 2 Units

Prerequisite: 494210/494190 and Instructor approval

This is a two-hour class in which students concentrate on Electronics and Engine Performance. Students will study diagnostics and trouble-shooting automotive problems through repair of automobiles. **Linked with 59010A in a two hour block.**

BROADCASTING

493420 **Fundamentals of Television** (10th, 11th, 12th)

1 Year, 1 Unit

Prerequisite: Completion or concurrently enrolled in one of the following: Keyboarding, Multi-media, Computer Appl., EAST, or Journalism.

Students will gain media awareness and develop a fundamental understanding of production principles. Students will learn digital camcorder basics, non-linear (computer based) video editing, script writing, audio production, and digital filmmaking. Broadcasting students provide video production in Panther Stadium as well as videotaping of other school and community events; therefore, some after school hours are required.

493430 **Intermediate Television** (11th, 12th)

1 Year, 1 Unit

Prerequisite: Fund of TV with a "C", and teacher approval

The course will provide a fundamental understanding of production principles and experience with the video camera, lighting instruments and techniques, microphones, script creation, and basic editing. Students will perform assignments on camera as well as studio and control room duties. Students will produce programming for local cable television and/or Cabot High School Closed Circuit television. Broadcasting students provide video production in Panther Stadium as well as videotaping of other school and community events; therefore, some after school hours are required.

493452 **Intermediate Television Lab** (11th, 12th)

1 Year, 1 Unit

This course number is for students who are wanting in the two hour block of Intermediate Television. Must enter with 493430.

493440 **Advanced Television** (12th)

1 Year, 1 Unit

Prerequisite: Intermediate TV with a "C", and teacher approval

This course is a continuation of Intermediate Television. Students will continue with principles and experiences covered in the Intermediate Course.

493453 **Advanced Television Lab** (12th)

1 Year, 1 Unit

Prerequisite: Intermediate TV with a "C", and teacher approval

This course number is for students who are wanting in the two hour block of Advanced Television. Must enter with 493440.

BUSINESS TECHNOLOGY

Note: All business classes have a prerequisite or corequisite of Computer Business Applications.

492170 **Entrepreneurship** (10th, 11th, 12th)

1 Year, 1 Unit

Entrepreneurship offers an overview of the American business enterprise system. The course includes a study of various forms of ownership, internal organization, management functions, and financing as they relate to business. The course content focuses on the concepts and practices of small business ownership and management; risk management; the use of technology; legal, ethical, and social obligation of business; savings and investments; taxes and government.

493880 **College & Career Readiness** (11th, 12th)
1 Semester, 1/2 Unit **Fall or Spring**
This course provides a comprehensive curriculum that teaches problem solving, career research, resumes, cover letters, and interviewing skills. This course uses the Key Train curriculum that allows the student to test for a Career Readiness Certificate.

491990 **Financial Literacy** (10th, 11th, 12th)
1 Semester, 1/2 Unit **Fall Only**
This course is designed to increase financial literacy and prepare students to successfully manage personal financial resources. Students are offered training to earn the Everfi and W!SE Financial Literacy certifications.

492000 **Securities, Investments, Risk, & Insurance (SIRI)** (10th, 11th, 12th)
1 Year, 1 Unit
(New Offering) This course provides students with the tools and techniques needed for short-term earnings and long-term saving and investing strategies while emphasizing an understanding of the value of money. In addition, ethical and professional characteristics will be addressed. Project-based learning opportunities will be used to introduce students to the real-world applications of insurance planning, risk management, and investment avenues of personal financial planning.

492070 **Business Law I** (11th, 12th)
1 Semester, 1/2 Unit **Fall Only**

492080 **Business Law II** (11th, 12th)
1 Semester, 1/2 Unit **Spring Only**
Prerequisite: Business Law I

This course is designed to acquaint the student with legal rights encountered in business transactions. Studies include the judicial system and laws relating to minors, consumers, businesses, contracts, credit, and employment. The study of the judicial system culminates in a mock trial. Students are encouraged to complete the Business Law coursework by registering for Business Law I & II.

492100 **Computerized Accounting I** (10th, 11th, 12th)
1 Year, 1 Unit
Computerized Accounting I is a two-semester course with emphasis on basic accounting principles as they relate to both manual and computerized financial systems. This course is recommended for all students planning to major in business at any college.

492110 **Computerized Accounting II** (11th, 12th)
1 Year, 1 Unit
Prerequisite: Computerized Accounting I
This course expands the basic principles and procedures of Computerized Accounting I to partnerships, departmental and corporate accounting. This advanced accounting course is designed to provide the student with entry-level skills in the accounting profession and/or to develop a foundation for college accounting.

492760 **Social Media & Communications** (10th, 11th, 12th)
1 Year, 1 Unit
Prerequisite: Computerized Business Aps

This is a two-semester project-based course that enhances technology skills, job search and employability skills along with communication skills. Students will create an online electronic career portfolio focused on an individual career path, create social media and viral marketing campaigns, participate in video conferencing, cloud-based collaboration, and learn and practice other workplace related communication technologies and channels. Students will apply verbal and non-verbal communication skills related to both spoken and written communications; technology will be used to enhance these skills. Productivity programs and apps will be used to teach time management, organization and collaboration skills, cloud storage and computing. Students will also create career-related documents according to professional layout and design principles, and will also learn the photo and video editing skills needed to create promotional and informational business communications and viral marketing campaigns.

492320 **Management** (11th, 12th)
1 Year, 1 Unit
Management is an instructional program that generally prepares individuals to plan, organize, direct, and control the functions of a business. The course includes instruction in management theory, advertising, marketing, banking, accounting, purchasing, business decision-making, and business plan preparation.

492120 **Computerized Business Applications**
1 Year, 1 Unit
Computerized Business Applications (CBA) 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.

492670 **Web Technologies** (10th, 11th, 12th)
1 Year, 1 Unit
Prerequisite: Computerized Business Aps
This course introduces students to essential web page development skills including HTML, CSS, and JavaScript. Hands-on labs and project-based assignments provide “real-world” scenarios. Students will use simple text editors to write the necessary code to create web pages. Additionally, students will investigate GUI editors such as Adobe Dreamweaver and web-based design sites such as Wix.

492690 **Medical Office Management** (10th, 11th, 12th)
1 Year, 1 Unit
Prerequisite: Computerized Business Aps
Medical Office Administration focuses on management and supervision in the Health Informatics office

environment. The course covers basic skills in word processing, database, spreadsheet, presentation, desktop publishing, 10-key calculating, record keeping, communicating and transcribing, as well as decision making, critical thinking, teamwork and ethics.

493780 **JAG I**-Jobs for Arkansas Graduates (10th, 11th, 12th)
493790 **JAG II** – Jobs for Arkansas Graduates (11th, 12th)

Prerequisite: Consent of coordinator and completed application

Students will receive class instruction that will help prepare them for the world of work as well as their next step after high school. Students will receive help in preparing a professional resume, assistance with job interview skills, budgeting and money management techniques, and assistance with both short term and long term goal setting. Students will receive assistance with college/technical school and scholarship application processes. Advisors continue contact and support for senior students one year after graduation.

493780 **JAG Work (11th, 12th)**

Prerequisite: Consent of coordinator and completed application

Students who participate in JAG Work must also be enrolled in JAG Class. JAG Work is an extension of the classroom and gives the students an opportunity to balance work and school. Students enrolled in JAG Work must work a minimum of 10 hours per week (180 per semester) in an approved work environment to receive one full credit in JAG Work for that semester.

493860 **Internship (11th, 12th)**

Prerequisite: 2 units in a career focus and application

The CHS Internship program is a program designed to serve juniors and seniors who are in good academic standing (2.0 GPA) and are enrolled in their third unit within a chosen career major area. The entire program focuses on assisting students to successfully transition from school to work. Students prepare for the Career Readiness Certificate testing by studying the ACT Workkeys Curriculum, individually, during zero hour at their own pace. Interns must work 10 hours per week (180 hours per semester = 1 credit) (360 hours per semester = 2 credits). The training site must be approved by the coordinator and principal and must coordinate with electives taken.

492770 **Introduction to Supply Chain & Logistics (10th, 11th, 12th)**

1 Year, 1 Unit

Prerequisite: Computer Business Aps

This is a one year course that introduces students to the supply chain and logistics industry. The content emphasizes beginning knowledge key to the success of working in the supply chain & logistics industries. Students study and gain a basic understanding of logistics, transportation, operations, warehousing, supply chain technology, transportation systems, SCOR model, and

customer service skills ultimately learning how to buy, make and deliver products. Students will have the opportunity to explore careers in the supply chain and logistics industry.

COMPUTER SCIENCE / PROGRAMMING

465010 **Computer Science - Programming/Coding Emphasis I (10th, 11th, 12th)**

1 Semester, 1/2 Unit

Fall Only

This course is designed as an introductory course into computer science with an emphasis on programming and use of algorithms. Students enrolled in this course will develop a greater understanding of programming and coding digital devices. This course follows the ADE approved Computer Science Standards for Grades 9-12.

465020 **Computer Science - Programming/Coding Emphasis II (10th, 11th, 12th)**

1 Semester, 1/2 Unit

Spring Only

Prerequisite: Successful Completion of 465010

This course will build on the materials and skills taught in the first semester course. Students enrolled in this course will further develop their understanding of programming and coding digital devices. The course follows the ADE approved Computer Science Standards for Grades 9-12.

If both of the above courses are taken, this will meet the third science or fourth math requirement for Smart Core graduates but will NOT meet honor graduate NOR NCAA requirements.

465030 **Computer Science - Programming/Coding Emphasis III (10th, 11th, 12th)**

1 Semester, 1/2 Unit

Fall Only

Prerequisite: Successful completion of 465010 & 465020

This course is designed as a continuation of the prerequisite courses listed above. This course will continue with emphasis in programming and coding. This course follows the ADE approved Computer Science Standards for Grades 9-12.

465040 **Computer Science - Programming/Coding Emphasis IV (10th, 11th, 12th)**

1 Semester, 1/2 Unit

Spring Only

Prerequisite: Successful Completion of 465030

This course is designed as a continuation of the prerequisite courses listed above. This course will continue with emphasis in programming and coding. This course follows the ADE approved Computer Science Standards for Grades 9-12.

If both of the above courses are taken, this will meet the third science or fourth math requirement for Smart Core graduates but will NOT meet honor graduate NOR NCAA requirements.

99999C **Advanced Computer Science** (12th)

1 Year, 1 Unit

Prerequisite: Successful Completion of 465040

(New Offering) This course will continue with emphasis in programming and coding topics covered in the Computer Science – Programming/Coding Emphasis I – IV.

565110 **AP Computer Science A Level I** (11th, 12th)

1 Semester, ½ Unit **Fall 1st Period Only**

565120 **AP Computer Science A Level II** (11th, 12th)

1 Semester, ½ Unit **Spring 1st Period Only**

It is strongly recommended that students have successfully completed AP Computer Science Principles or a similar course. AP computer Science A is designed to be a freshman in college-level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data, approaches to processing data, analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. This course will meet the third science or fourth math requirement for Smart Core graduates but will NOT meet honor graduate NOR NCAA requirements.

565010 **AP Computer Science Principles** (10th, 11th, 12th)

1 Semester, 1/2 Unit **Fall Only**

565020 **AP Computer Science Principles** (10th, 11th, 12th)

1 Semester, ½ Unit **Spring Only**

This is a course that introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. With a unique focus on creative problem solving and real-world applications, AP Computer Science Principles prepares students for college and career. This course will meet the third science or fourth math requirement for Smart Core graduates but will NOT meet honor graduate NOR NCAA requirements.

CONSTRUCTION TECHNOLOGY

494460 **Carpentry** (10th)

1 Year, 1 Unit

Prerequisite: Construction Fundamentals and Teacher Recommendation

Methods of framing walls, partitions, roofs and specialty areas will be emphasized through project/hands-on activities. Use of larger shop equipment and their safety will be introduced.

494500 **Electricity** (11th, 12th)

59010E **Electricity Lab**

1 Year, 2 Units

Prerequisite: Construction Fundamentals and Carpentry

This course is an instructional program that prepares students to apply technical knowledge and skills to install and repair residential systems. (Linked with 59010E T&P Lab E and taught in a two-hour block.)

494510 **Plumbing** (11th, 12th)

59010P **Plumbing Lab**

1 Year, 2 Units

Prerequisite: Construction Fundamentals and Carpentry

This course is an instructional program that prepares students to apply technical knowledge and skills to lay out, assemble, install and maintain piping fixtures and piping systems, hot water, cooling, and drainage systems. Instruction also includes material selection and use of tools to cut, bend and join pipes. (Linked with 59010P T&P Lab P and taught in a two-hour block.)

EAST – Environmental And Spatial Technology

560010 **EAST Initiative I** (10th, 11th, 12th)

1 Year, 1 Unit

We believe our students can change the world. EAST is an educational initiative – we are trying to make learning better. Better for students, better for teachers, and better for society. Students in our programs perform service learning projects. They see needs in their school and community, and they work to meet those needs. EAST students are unique, however, in that they apply the latest in technology to these problems. Students take it upon themselves to learn as much as they can because they care about the outcome. There is no lecture; there are no tests. The students are put in a position to be in control if they choose to accept the responsibility. The skills and experiences students gain while working in this environment are countless; teamwork, leadership, self-motivation, public speaking and more, not to mention what they learn while working with industry-standard software and hardware. Students will be required to make public speaking presentations in class and may have requirements that may cause them to work outside of the classroom and outside of the regular school day.

560020 **EAST Initiative II** (10th, 11th, 12th)

1 Year, 1 Unit

Prerequisite: EAST I with a “B” or better

EAST works because it inspires student, educators, and members of the local and business communities to expect more from education. Students are motivated by the challenge of taking control of their own learning to deliver tangible results using the latest technology. The problems they face aren't listed on the blackboard, and the answers aren't in the back of the book. The solutions

don't come from memorized facts or lecture notes, but through creatively applying knowledge obtained from life and other classes, problem solving, teamwork, and diligence. Students who desire to continue in EAST II will emerge as leaders as they organize and initiate project-based community service projects. Students will be required to make public speaking presentations in class and may have requirements that will cause them to work outside of the classroom and outside of the regular school day.

560030 EAST Initiative III (11th,12th)

1 Year, 1 Unit

Prerequisite: EAST II with a "B" or better

We believe students should, can, and will take responsibility for their own learning when given the opportunity. Students should actively engage in solving problems in their own communities. Students should be given access to relevant and challenging resources and tools to use in solving these identified problems. Students should be allowed (indeed required) to collaborate with each other and with professionals in their community as they grow and develop their capacity to be positive agents of change. Students who choose to continue in EAST III will exemplify these high standards and they provide leadership to other students in the lab. Students will be required to make public speaking presentations in class and may have requirements that will cause them to work outside of the classroom and outside of the regular school day.

560040 EAST Initiative IV (12th)

1 Year, 1 Unit

Prerequisite: EAST III with a "B" or better

Students who continue in EAST IV have reached the pinnacle of success at the high school EAST level. These students will epitomize the key standards expressed in the EAST frameworks: 1. Take responsibility for self-directed learning, 2. Ethically apply resources and problem-solving strategies to real-world problems, 3. Collaborate as a productive team member, 4. Research and evaluate resources to determine their validity and relevance, 5. Communicate with a variety of audiences in using multiple modes, 6. Develop solutions to community-based problems using emerging technology within the context of service learning projects, 7. Demonstrate confidence in their own abilities to meet the challenges of the 21st century.

ENGINEERING SCIENCES

Cabot High Academy of Engineering Sciences

The Academy offers a club membership, job-shadowing, an Engineering Honors program, field trips, and more. To join the Academy, simply take an Engineering course and take advantage of the opportunities.

495480 Intro to Engineering Design (10th, 11th, 12th)

1 Year, 1 Unit

Introduction to Engineering Design emphasizes the development of a design. Students use 3-D computer software to produce, analyze and evaluate models of project solutions. They study the design concepts of form and function, and then use state-of-the-art technology to translate conceptual designs into reproducible products.

495490 Principles of Engineering (10th,11th, 12th)

1 Year, 1 Unit

Prerequisite: "C" or better in IED

Principles of Engineering 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 the emerging social and political consequences of technological change. The course outline includes: overview and perspective of engineering, communications in engineering, the process of engineering, engineering systems, quality-control systems and materials and materials testing in engineering. Students are required to work in teams.

495460 Digital Electronics (11th, 12th)

1 Year, 1 Unit

Prerequisite: "C" or better in POE

Digital Electronics is a course in the application of electronic circuits and devices. Computer simulation software is used to design and test digital circuitry prior to the actual construction of circuits and devices.

495440 Civil Engineering & Architecture (11th, 12th)

1 Year, 1 Unit

Prerequisite: "C" or better in POE

This course takes students through the virtual (computer) development of a plot of land. Students learn about site selection and discovery, soil, surveying, zoning and codes, architectural styles, etc.

FAMILY & CONSUMER SCIENCES
EDUCATION

The Family & Consumer Sciences department offers multiple classes to prepare students for life during and after high school. Each course contains valuable life skills from which **all** students will benefit. Students have the opportunity to earn certifications, compete at state and national levels, and earn cords for graduation.

493080 Family & Consumer Science (10th, 11th, 12th)

1 Year, 1 Unit

This course emphasizes all areas of Family and Consumer Science education, exposing students to content covered in detail in the other FACS department courses. This course focuses on information related to individual health and family relationships, clothing construction and fashion design (including hands-on sewing labs), housing

and interior design, nutrition and meal preparation (including hands-on cooking labs), credit and banking services, child development and parenting, and FCCLA club history and information. There is a lab fee the student will be responsible for during the clothing unit for materials. This course is **required** to be a completer in the Family and Consumer Sciences Pathway.

493020 Child Development & Parenting (10th, 11th, 12th)
1 Year, 1 Unit

This course provides students with understanding of the physical, social, emotional, intellectual, and moral development of children from birth to 12 years of age. RealCare Baby simulation project and CPR certification are offered in this course. Either this course or Food Safety & Nutrition must be taken to be a completer in the Family and Consumer Sciences Pathway.

493110 Food Safety & Nutrition (10th, 11th, 12th)
1 Year, 1 Unit

This course is designed to teach students how to select, prepare, and serve food while learning about nutrition and weight control, kitchen design, and food safety practices. Emphasis on Food Safety practices will be covered first semester and Nutrition will be covered second semester. ServSafe Food Handler Certification will be earned and ServSafe Food Manager Certification will be offered. Either this course or Child Development & Parenting must be taken to be a completer in the Family and Consumer Sciences Pathway.

491990 Financial Literacy (10th, 11th, 12th)
1 Semester, 1/2 Unit **Fall Only**

This course is designed to increase financial literacy and prepare students to successfully manage personal financial resources. Students are offered training to earn the Everfi and W!SE Financial Literacy certifications.

493140 Housing & Interior Design (10th, 11th, 12th)
1 Semester, 1/2 Unit **Fall or Spring**

In this course emphasis is given to topics related to housing needs of the individual and family; housing options; trends in housing; financial and legal commitments related to housing; home construction; art principles as applied to housing and interiors; selection, care, and arrangement of home furnishings and appliances; energy conservation; jobs and career opportunities in housing and interior design; and the effect to technology on housing.

493150 Human Relations (10th, 11th, 12th)
1 Semester, 1/2 Unit **Spring Only**

In this course emphasis is given to topics related to personality development, decision making, communications, relationships outside the family, and careers in the field of human relations.

493240 Orientation to Teaching I (11th, 12th)
1 Year, 1 Unit

This course is designed to provide students with knowledge that will help prepare them to become a teacher. Students will learn the roles of a teacher, teaching strategies, lesson planning, developmental characteristics of learners, educational issues, policies, and practices. Students gain experience through an off-campus internship. Digital Literacy and Responsibility certification is offered.

493290 Orientation to Teaching II (12th)
1 Year, 1 Unit

Prerequisite: Orientation to Teaching I

This course encourages prospective teachers to become responsible, professional, and ethical as they explore the teaching profession. Students gain experience through an off-campus internship.

HEALTH SCIENCES (MEDICAL)

Medical Academy of Cabot High School (MACH I)

The Academy offers membership in two clubs, job-shadowing, a Medical Honors program, field trips, summer internships, and more. To join the Academy, simply take Foundations of Health Care course or Sports Medicine I and take advantage of these other opportunities.

495340 Foundations of Health Care (10th)
1 Year, 1 Unit

Experiences in this course are designed to provide students with basic information and skills needed for a career in the health care field. Units in career and technical student organizations, medical history, health care systems, health care legalities/ethics/professionalism, and nutrition and health will be covered. Students develop specific skills needed in the health professions. Emphasis is given to the development of competencies related to the following areas: safety, infection control, vital signs, CPR and first aid, medical math, abbreviations, and charting. There will be a small lab fee.

495390 Medical Procedures Expanded (11th, 12th)
1 Semester, 1/2 Unit **Fall or Spring**

This course focuses on the specific skills needed in several different areas of health care. Students are able to build upon the skills gained in the Foundations of Health Care course. The different areas addressed are dental assisting, laboratory assisting, medical assisting, nurse assisting, physical therapy assisting, and veterinary assisting.

495290 **Pathology** (11th, 12th)

1 Semester, ½ Unit

Spring Only

Prerequisite: Medical Terminology or Anatomy & Physiology (May be concurrently enrolled.)

This course is devoted to the exploration of human pathology. Pathology is the branch of medical science that studies the causes, nature, and effects of diseases. This course of study begins with an introduction to pathology-related terms, predisposing factors of diseases, the relationship between diagnosis and prognosis, and disease treatments.

495360 **Medical Terminology** (11th, 12th)

1 Semester, ½ Unit

This course assists students in developing the language used for communication in the health care profession. Areas of study include fundamental word structures, terminology for diagnostic and imaging procedures, and general medical terms for each body system.

495370 **Abnormal Psychology** (10th, 11th, 12th)

1 Semester, ½ Unit

Fall or Spring

This course provides a basic survey of maladaptive human behavior. Major psychological disorders, their causes, symptom behaviors, cultural influences, and relevant treatment approaches are discussed. Legal, ethical, and social issues relating to the medical professional's role in treating psychological disorders are explored.

494050 **Foundations of Sports Medicine**(10th, 11th, 12th)

1 Year, 1 Unit

Foundations of Sports Medicine provides students with a general overview of sports medicine from the perspective of the healthcare community that includes injury prevention, treatment, rehabilitation, psychosocial, and administration concerns. Observations of on-campus athletic trainers are required to fulfill the requirements of this course.

494070 **Sports Medicine Injury Assessment** (11th, 12th)

1 Year, 1 Unit

Prerequisite: Foundations of Sports Medicine and Instructor Approval

Sports Medicine Injury Assessment, a year-long course, provides students with a basic overview of musculoskeletal injury recognition and evaluation from head to toe. It is designed to introduce students to basic evaluation procedures and special tests for different joints and types of injury. Successful completion of this course is highly recommended for anyone interested in applying to an accredited athletic training program at the university level. Observations of on-campus athletic trainers are required to fulfill the requirements of this course.

495230 **Certified Nursing Assistant (CNA)**

1 Semester, 1/2 Unit

Fall or Spring

Must meet the age requirement to take this course.

The Certified Nurse Assistant course provides the student with the skills needed to perform basic patient care. This is a very hands-on course leading to a certification upon completion of the state CNA competency exam. The students must complete 74 classroom hours and 16 clinical hours. Attendance is mandatory. Students will be required to: wear black scrubs, get a TB skin test, and purchase a course workbook. **Students must be at least 16 years old before the semester ends.** A signed parental permission form is mandatory.

590090 **Community Preparedness** (10th, 11th, 12th)

1 Year, 1 Unit

This course introduces students to emergency medical technician occupational skills. Certification may be obtained in CPR, first aid, and AED.

424030 **Anatomy & Physiology** (11th, 12th)

1 Year, 1 Unit

This is an advanced course covering human anatomy and physiology. It is designed to help students who plan to go to college and major in any field of biology or health related fields. Lab work will include work with microscopes and dissections of various mammals.

LAW AND PUBLIC SAFETY

494620 **Intro to Criminal Justice** (10th, 11th)

1 Year, 1 Unit

This course provides a basis for a student considering a career in the field of criminal justice. Focus includes an overview of the criminal justice system, crime and its consequences, and an exploration of related careers.

494630 **Foundations of Law Enforcement** (11th, 12th)

1 Year, 1 Unit

Prerequisite: Intro to Criminal Justice

This course provides an in-depth look at necessary job skills and tasks for the police patrolman, including such topics as accident investigation, traffic stops, report taking, SWAT tactics and building clearing.

494600 **Crime Scene Investigations** (12th)

1 Year, 1 Unit

Prerequisite: Foundations of Law Enforcement

This course continues to prepare individuals to perform the duties of police and public security officers, including patrol and investigative activities, traffic control, crowd control, public relations, witness interviewing, crime scene sketching, fingerprinting and crime scene photography.

Career and Technical Education

Articulated Credit Courses

Articulated Credit: To receive this type of college credit, a student is required to earn a “B” or better in the high school course and complete a semester (minimum 12 hours) at the hosting college or university within 15 months of high school graduation. This type of credit is good only at the college or university listed. There is no cost to the student. Students qualifying for articulated credit should be careful not to repeat the articulated course during the first semester of college.

ASU – Beebe Articulated Credit Courses

<u>CHS Course</u>	<u>ASU-Beebe Course</u>	<u>Credit/Unit</u>
<u>Automotive Courses</u>		
494180 Brakes	AST 2203 Brakes	3
494210 Suspension and Steering	AST 2103 Suspension and Steering	3
494190 Electrical Systems	IET 1002 AND IET 2002 General Electronics	4
494200 Engine Performance	AST 2504 Engine Performance I AND AST 1103 Intro to Automotive Technology	7
<u>Business Technology</u>		
492100 Computerized Accounting I AND 492110 Computerized Accounting II	ACCT 2003 Principles of Accounting I	3
492150 Digital Communications I AND 492160 Digital Communications II	CIS 2813 Desktop Publishing I	3
492490 Computer Applications I AND 492500 Computer Applications II AND 492510 Computer Applications III	CIS 1503 Microcomputer Applications I	3
492320 Management	MGMT 2003 Introduction to Management	3
492670 Web Technologies	CST 1154 Intro to Microcomputer Programming OR CIS 2013 Web Page Design	4 3
<u>Criminal Justice</u>		
494620 Intro to Criminal Justice	CRIM 1023 Intro to Criminal Justice	3
<u>Engineering</u>		
4954810 Introduction to Engineering Design	EGT 2134 Introduction to Inventor	4
<u>Family & Consumer Sciences</u>		
493020 Child Development & Parenting	ECH 1103 Child Growth and Development	3
<u>Medical Professions</u>		
495360 Medical Terminology	HIA 1103 Medical Terminology I	3

Pulaski Technical College Articulated Credit Courses

<u>CHS Course</u>	<u>PTC Course</u>	<u>Credit</u>
<u>Automotive Technology</u>		
494180 Brakes	AST 1405 Automotive Brake Systems	5
494210 Suspension and Steering	AST 2105 Chassis and Steering	5
494190 Electrical Systems	AST 2409 Electrical Fundamentals	9
494200 Engine Performance	AST 2306 Engine Repair	6
<u>Business Technology</u>		
MOS Certification – Microsoft Word	BUS 1513 Intro to Word Processing	3
MOS Certification – Microsoft Excel	BUS 2393 Spreadsheet Applications	3
492100 Computerized Accounting I	BUS 1123 Accounting Fundamentals	3
492500 Computer Applications II	CIS 1103 Computer Concepts	3
492510 Computer Applications III	CIS 1403 Microcomputer Applications	3
<u>ROTC</u>		
495760 Air Force JROTC I	Elective	3
495770 Air Force JROTC II	Elective	3
495780 Air Force JROTC III	Elective	3
495880 Air Force JROTC IV	Elective	3

Cabot High School

Career and Technical Education

Career Pathways and Completers

Pathways are designed to assist student, parents, teacher, and counselors in creating a “personalized education plan.” Using students’ career interests and aptitude information, counselors and parents can help students develop a graduation plan that will provide purpose and relevance to their high school studies. A career pathway is a sequential progression of career and technical course electives that connect academic learning and career skills. This progression prepares students for entry into college, technical training, or the workforce. Pathways have a career theme which enables students to see the relationship between their academic subjects and their particular career goals. Career pathways are grouped by career program areas. *Where noted, program areas may have more than one pathway. They are:

- *^Agriculture Science and Technology (5 pathways)
- ^Air Force Junior ROTC
- Automotive Services Technology
- Broadcasting
- *^Business (5 pathways)
- ^Construction Technology
- ^Engineering Academy
- *Family and Consumer Sciences (2 pathways)
- *Health Sciences (Medical Academy) (2 pathways)
- Law and Public Safety

^May begin in these pathways in the 9th grade.

Each of the 20 pathways provides a challenging, coherent sequence of electives that are a roadmap to future career goals. Students are encouraged to choose a pathway and take the prescribed sequence of courses in order to achieve the status of “Completer”.

A “Completer” is a graduating senior who has successfully met the course requirements for any Pathway with a minimum of 3 credits. Completers wear a blue and gold cord at graduation. A student may be a Completer in more than one Pathway. Only one blue and gold cord will be awarded. Being a Completer is one of the highest honors that a student can receive in the Career and Technical Education Department.

Note: Environmental and Spatial Technology (EAST) may be approved as an elective in many of the career pathways. Students should consult with CTE faculty or counselor.

Agriculture Science and Technology

Power, Structural, and Technical Systems Pathway

Survey of Agriculture Systems	(1 credit)
Agricultural Mechanics	(1 credit)
Agricultural Elective(s)	(1 credit)

Agribusiness Pathway

Survey of Agriculture Systems	(1 credit)
Agribusiness Management	(1 credit)
Agricultural Elective(s)	(1 credit)

Animal Systems Pathway

Survey of Agriculture Systems	(1 credit)
Animal Science	(1 credit)
Agricultural Elective(s)	(1 credit)

Plant Systems (Biological) Pathway

Survey of Agriculture Systems	(1 credit)
Plant Science	(1 credit)
Agricultural Elective(s)	(1 credit)

Natural Resources Systems/Environmental Service Systems Pathway

Survey of Agriculture Systems	(1 credit)
Natural Resources Management	(1 credit)
Agricultural Elective(s)	(1 credit)

Air Force Junior ROTC

National Security Pathway *(3 of the 4 required to be a completer)*

Air Force JROTC I	(1 credit)
Air Force JROTC II	(1 credit)
Air Force JROTC III	(1 credit)
Air Force JROTC IV	(1 credit)

Automotive Technology

Automotive Service Technology Pathway *(all courses required)*

Brakes	(1 credit)
Steering and Suspension/Electrical Systems	(2 credits)
Engine Performance	(2 credits)

Broadcasting

Broadcasting, Film, and Journalism Pathway

Fundamentals of Television	(1 credit)
Intermediate Television	(2 credits)

Business Technology

Web Design Program of Study

Computer Business Applications	(1 credit)
Web Technologies	(1 credit)
Approved Business Elective (see teacher)	(1 credit)

Accounting Pathway

Computer Business Applications	(1 credit)
Computerized Accounting I	(1 credit)
Approved Business Elective (see teacher)	(1 credit)

General Management Pathway

Computer Business Applications	(1 credit)
Management	(1 credit)
Approved Business Elective (see teacher)	(1 credit)

Securities, Investments, Risk & Insurance (SIRI) Pathway

Computer Business Applications	(1 credit)
Securities, Investments, Risk, & Insurance (SIRI)	(1 credit)
Approved Business Elective (see teacher)	(1 credit)

Entrepreneurship Pathway

Computer Business Applications	(1 credit)
Entrepreneurship	(1 credit)
Approved Business Elective (see teacher)	(1 credit)

Social Media Pathway

Computer Business Applications	(1 credit)
Social Media & Communications	(1 credit)
Approved Business Elective (see teacher)	(1 credit)

Medical Office Administration Pathway

Computer Business Applications	(1 credit)
Medical Office Management	(1 credit)
Approved Business Elective (see teacher)	(1 credit)

Supply Chain & Logistics Pathway

Computer Business Applications	(1 credit)
Supply Chain & Logistics	(1 credit)
Approved Business Elective (see teacher)	(1 credit)

Computer Science

Computer Science Pathway

Computer Science - Programming/Coding Emphasis I & II	(1 credit)
Or AP Computer Science Principles	
Computer Science – Programming/Coding Emphasis III & IV	(1 credit)
AP Computer Science A Level I & II	(1 credit)
Or Web Technologies (pending ACE approval)	

Construction Technology

Construction Technology Pathway

Carpentry	(1 credit)
Electricity	(2 credit course, but only 1 counts for completer)
Plumbing	(2 credit course, but only 1 counts for completer)

Engineering Academy

Engineering and Technology Pathway

Introduction to Engineering Design	(1 credit)
Principles of Engineering	(1 credit)
Engineering Elective	(1 credit)

Family and Consumer Sciences

Family and Consumer Sciences Education Pathway

Family and Consumer Science Class	(1 credit)
Pre-qualified FACS Elective(s) (see teacher)	(2 credits)

Education and Training Pathway

Orientation to Teaching I	(1 credit)
Orientation to Teaching II	(1 credit)
Either Child Development & Parenting or FACS	(1 credit)

Health Sciences (Medical Academy)

Therapeutic Services Pathway

Foundations of Health Care	(1 credit)
Anatomy and Physiology	(1 credit)
Electives	(1 credit)

Sports Medicine Pathway

Foundations of Sports Medicine	(1 credit)
Sports Medicine Injury Assessment	(1 credit)
Anatomy and Physiology	(1 credit)

Law and Public Safety

Criminal Justice Pathway

Introduction to Criminal Justice	(1 credit)
Foundations of Law Enforcement	(1 credit)
Crime Scene Investigations	(1 credit)

9th Grade Course Selections

English

41000P English 1 Pre-AP

1 Year, 1 Unit

This course is built to expose students to a variety of thought-provoking texts including short stories, spoken-word poetry, drama, non-fiction articles, and novels. Students will develop analytical and creative writing skills along with an appreciation for a variety of literature styles. Pre-AP English 1 focuses on the close reading, analytical writing, and language skills that have immediate relevance for students across their current courses and that are most essential for their future work in high school, college, and careers. Texts take center stage in the Pre-AP English 1 classroom, where students engage in close, critical reading of a wide range of materials. The course trains the reader to observe the small details within a text to arrive at a deeper understanding of the whole. It

also trains the writer to focus on crafting complex sentences as the foundation for writing to facilitate complex thinking and communicate ideas clearly.

41000H English 9 Pre-AP Honors

1 Year, 1 Unit

This course will follow the same format and cover the same content of the English 1 Pre-AP course but will contain more intensive instruction in English grammar, literature, and analytical writing. Students enrolling in this course need to be prepared to produce work on a deeper level of understanding. Selection for this course must be made by committee decision or approval by GT director.

Mathematics

430100/430200 Algebra A/B

1 Year, 2 Units

This course is a double blocked version of the Algebra 1 course. All students will receive 2 credits for this course. One credit for Algebra A first semester and one credit for Algebra B second semester. Students who are on the Core graduation track must then complete 2 additional math classes in order to graduate. Students who are on the Smart Core graduation track will still need to complete Geometry, Algebra II, and a higher level math in order to complete the Smart Core graduation requirements. Selection for this course must be made by committee decision or approval or approval by school principal.

430000 Algebra I

1 Year, 1 Unit

This course is designed to emphasize the development of skills and techniques to deal with rational expressions and their applications, graphing in a coordinate plane, systems of equations and inequalities, real numbers and quadratic functions, probability and statistics. The course will also build a necessary vocabulary in mathematics for future courses as well as for this course. Selection for this course must be made by committee decision or approval by school principal.

43000P Algebra I Pre-AP

1 Year, 1 Unit

Pre-AP Algebra I focuses deeply on the concepts and skills that are most essential for college and career success, so mastery of linear relationships is a major focus of this course. Linear functions and linear equations are the basic building blocks of many advanced topics in math. Pre-AP Algebra I is streamlined to give students the time and space to thoroughly master these concepts and skills. In Pre-AP Algebra I, students will work with their peers to build math knowledge, persevering through challenges and making important conceptual connections. Students will use authentic applications of math to model real-world problems and will acquire the tools needed for making, testing, refuting, and supporting mathematical arguments.

43100P Geometry Pre-AP

1 Year, 1 Unit

Prerequisite: Algebra I and Recommendation from GT Director

The geometry curriculum (see page 16) will be covered with more emphasis on extension topics. Students will be expected to use independent problem solving skills.

Science

423000 Physical Science

1 Year, 1 Unit

This course involves learning the basic principles of chemistry and how it relates to our environment. The course of study will include atoms, molecules, bonds, equations, and the periodic chart. The course will also cover the fundamentals of physics such as problem solving related to mechanics, sound, and electrical energy.

42300P Physical Science Pre-AP

1 Year, 1 Unit

Prerequisite: Recommendation from GT Director

As this is a PreAP course, students should expect a higher level of rigor and demanding coursework. This course is designed to prepare the students for further PreAP/AP science courses. Physical science will begin the student of higher-level physics and chemistry and continue educating the student in the nature of science. Students should have a working knowledge of algebra, and are expected to use suitable mathematics, and collect and analyze data. Instruction and assessment will include both technology and laboratory equipment. Students will be engaged in hands-on laboratory experiences at least 20% of the instructional time.

Social Studies

473000 Arkansas History

1 Semester, 1/2 Unit

Fall or Spring

Arkansas History provides a study of the history of Arkansas. The course addresses the geographic features and economics of our state, focusing on political, social, religious, military, scientific, and cultural developments that have occurred over time. Emphasis is placed on the government of the area and the individuals who have shaped its politics.

students for the accelerated history courses to follow. **This course will be paired with 474300 Economics Pre-AP.**

474300 Economics Pre-AP

1 Semester, 1/2 Unit

Fall or Spring

Prerequisite: Recommendation from GT Director

Economics is a one-semester course that will explore the interrelationships among the roles played by consumers, producers, capital, land, and labor as well as the interrelationships among economic, political, and social lives. Students will examine the relationship between individual choices and influence of these choices on occupational goals and future earnings potential. **This course will be paired with 47200P Civics Pre-AP.**

47200P Civics Pre-AP

1 Semester, 1/2 Unit

Fall or Spring

Prerequisite: Recommendation from GT Director

This course leads directly to AP U.S. History in 10th grade. Students will analyze document based questions for the purpose of writing essays about historical events. An in-depth study of American government will prepare

Freshman Required Courses

414000 Oral Communications

1 Semester, 1/2 Unit

Fall or Spring

Students will work extensively on personal improvement in all areas of communication including interpersonal, intrapersonal, small-group, public speaking, debate, parliamentary procedure, theater, oral interpretation and storytelling. **This course is required for graduation.**

493850 Keystone

1 Semester, 1/2 Credit

Fall or Spring

This course is a **required course** for ninth grade students designed to help successfully navigate high school. Students will receive instruction on study skills, transcript analysis, time management, and goal setting strategies. Students will receive guidance in investigating their own interests and aptitudes in relation to possible careers and will begin developing a flexible education plan for both high school and post-secondary studies or technical training. This transition course will create a sense of belonging among students by having them become productive citizens of their school and the community.

48000D Health and Safety

1 Semester, 1/2 Unit

Fall or Spring

This course covers body systems, first aid, substance abuse, teen pregnancy, nutrition, human relations, STDs, AIDS, self-esteem, communicable diseases, fitness/staying fit, alcohol and tobacco use and abuse. **This course is required for graduation.**

Academic Electives

41402J Forensics I

1 Year, 1 Unit

Prerequisite: Intro to Forensics, Junior Varsity Forensic 8, and audition

Students are expected to compete on the Arkansas Varsity Forensics circuit, performing in areas of interpretation, acting, and public speaking. Tournament competition takes place 8 to 10 weekends during the school year and participation at these tournaments is a requirement for the course. Overnight travel is optional. In addition to extensive work time outside of class, students will be expected to perform events for the instructor and their peers. Students who take this course should be highly dependable, self-motivated, and responsible. Students must maintain a 3.0 GPA to travel to tournament and remain in the course. It is recommended that students have a C or better in their previous English course. Students must complete an application, audition, and gain approval from the teacher to enroll in this course. **This course DOES satisfy the Oral Communications graduation requirement if students successfully complete the entire year.**

414050 Debate 1

1 Year, 1 Unit

Students will practice the basics of argumentation and persuasion. They will compete in in-class debates and will also prepare for interscholastic, tournament competition. This class is a prerequisite for Varsity debate, and students will be required to attend a minimum of two local tournaments as part of the curriculum. Since extensive research is required, debate students must exhibit high intrinsic motivation and advanced reading and writing skills. Students should have a C or better in their previous English course before taking Debate 1. **This course DOES satisfy the Oral Communications graduation requirement if students successfully complete the entire year.**

450000 Art

1 Year, 1 Unit

Students in this class will learn the important basic drawing techniques in pencil and pen and ink as well as some basic color theory in painting. Students will be taught to use line, value, proportion and perspective to make things they draw look 3-dimensional. Students will use a variety of color media and be introduced to three dimensional construction. Students will begin to explore specific artists, styles, and periods of art. Students will be expected to prepare at least one piece of art for the annual art show. This is the entry level course for students planning to take additional art courses in high school. **This course meets the Fine Arts requirement for graduation.**

450003 Art

1 Year, 1 Unit

Prerequisite: 7th & 8th grade Visual Art

Students will expand upon skills, ability and knowledge developed in previous art classes through focused study in specific media areas which include drawing materials and techniques, painting, watercolor, printmaking, and sculptural media in fine and commercial art. A focus on developing original concepts and art products will be stressed. Students will be expected to submit work for public presentation and to keep a sketchbook that will be turned in every week. **This course meets the Fine Arts requirement for graduation.**

450070 Art History (Baroque to Postmodern)

1 Semester, 1/2 Unit

This is a one-semester course designed to teach students the significance of art throughout history. Students will examine periods of art history from around the world, with emphasis on Baroque, Rococo, Pre-Modern, Modern, & Postmodern art. **This course meets the Fine Arts requirement for graduation.**

451000 Instrumental Music I

1 Year, 1 Unit

In order to be in the Freshman Academy band, a student must demonstrate to the director an acceptable level of proficiency on a band instrument. This will be accomplished using a standard audition process. The audition process will include achieving or exceeding minimum performance scores on required region scales, required audition exercises and a music sight-reading test to gauge the student's grasp of basic music concepts. The CFA band is divided into two auditioned, ability-based groups. Both band groups perform at many athletic events, one parade, and multiple concerts. Attendance at these events is required and is reflected in the grading process for this class. Students may also be required to participate in region level competitions. (Students must meet minimum Arkansas Activities Association eligibility requirements.) **This course meets the Fine Arts requirement for graduation.**

452000 Vocal Music I

1 Year, 1 Unit

The Cabot Choir is a performance organization with presentations locally and at region and state choral competitions. This is an opportunity for the student to grow musically and develop better vocal production. All-Region choir try-outs, as well as attendance at all concerts and performances, are required. There will be some weekend and evening activities. Choral uniforms are required at student expense. (Students must meet minimum Arkansas Activities Association eligibility requirements.) **This course meets the Fine Arts requirement for graduation.**

440000 Spanish I

1 Year, 1 Unit

Spanish I is a first year course in which students will be introduced to basics of communication, structure, and culture of the Spanish-speaking world.

441000 French I

1 Year, 1 Unit

French I is a first year course in which students will be introduced to basics of communication, structure, and culture of the French-speaking world.

442000 German I

1 Year, 1 Unit

German I is a first year course in which students will be introduced to basics of communication, structure, and culture of the German-speaking world.

485000 Physical Education

1 Year, 1 Unit

This course is designed for students in grades nine through twelve. It will give the students the opportunity to participate in a variety of sports and activities. It is a coeducational course with objectives directed toward development of neuromuscular skills and physical fitness, understanding of rules and strategies, and good use of leisure time. Opportunities are provided for individual performance and excellence as well as situations to work as a team member. Attendance, participation, and written and skills assessments will be used throughout the course to determine a student's grade. **Physical education may be taken for one semester – either fall or spring.**

491150 Survey of Agricultural Systems

1 Year, 1 Unit

This course is an applied and technical study of the various segments of the agriculture industry. Basic animal, plant, and soil science, and agriculture mechanics skills are introduced.

494480 Construction Fundamentals

1 Year, 1 Unit

This course is the **required** introductory course to Construction Technology (10th – 12th) and **strongly recommended** for students wanting to take the Auto Technology classes in high school. The curriculum is academic and activity based. Topics of study are safety, construction math, hand/power tools, and blue print reading. Students will spend one semester in the shop building small scale furniture, picnic tables, storage sheds, and other projects. They will also learn to use a wood lathe. Students are allowed to construct personal projects in the 2nd semester.

495760 Air Force ROTC I

1 Year, 1 Unit

Journey Into Aviation History The emphasis is on the development, modernization, and transformation of the Air Force. The leadership education portion of the course covers cadet unit and Air Force organizational structure; uniform wear; customs, courtesies, and military traditions. Students need to complete both semesters of ROTC to be eligible for the PE/Health credit.

495480 Intro to Engineering Design

1 Year, 1 Unit

Introduction to Engineering Design emphasizes the development of a design. Students use 3-D computer software to produce, analyze and evaluate models of project solutions. They study the design concepts of form and function, and then use state-of-the-art technology to translate conceptual designs into reproducible products. It is recommended that students are also enrolled in PAP Geometry. **This course is a prerequisite for all other engineering courses.**

EAST – Environmental And Spatial Technology

Students in EAST perform service learning projects. They see needs in their communities, and they work to meet those needs by applying the latest in technology to these problems.

460010 EAST Initiative I

1 Year, 1 Unit

The skills and experiences students gain while working in this environment are countless: teamwork, leadership, self-motivation, public speaking and more, not to mention what they learn while working with industry-standard software and hardware. Students will be required to make public speaking presentation in class and will have requirements that will cause them to work outside of the classroom and outside of the regular school day.

465010 Computer Science - Programming/Coding Emphasis I

1 Semester, 1/2 Unit

Fall Only

This course is designed as an introductory course into computer science with an emphasis on programming and use of algorithms. Students enrolled in this course will develop a greater understanding of programming and coding digital devices. This course follows the ADE approved Computer Science Standards for Grades 9-12. This course is blocked with 465020. These courses operate as a yearlong course.

**465020 Computer Science - Programming/Coding
Emphasis II**

1 Semester, 1/2 Unit

Spring Only

Prerequisite: Successful Completion of 465010

This course will build on the materials and skills taught in the first semester course. Students enrolled in this course will further develop their understanding of programming and coding digital devices. This course follows the ADE approved Computer Science Standards for Grades 9-12.

492120 Computerized Business Applications

1 Year, 1 Unit

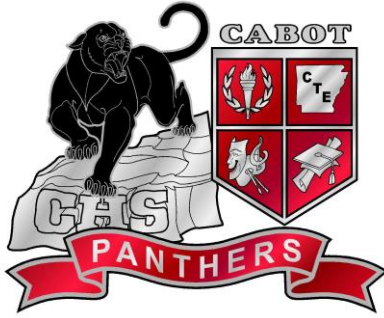
This is a two-semester course designed to prepare students with an introduction to business applications that are necessary to live and work in a technological society. Emphasis is given to hardware, concepts, and business uses of applications. The business applications covered are word processing, database,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

Non-Credit Athletics

Students may only schedule one non-credit class per day. (ACT 675 of 2003)

999811 Football	NO CREDIT	999824 Baseball	NO CREDIT
999812 Boys Basketball	NO CREDIT	999825 Softball	NO CREDIT
999813 Girls Basketball	NO CREDIT	999826 Swimming	NO CREDIT
999814 Boys Track	NO CREDIT	999827 Boys Soccer	NO CREDIT
999815 Girls Track	NO CREDIT	999828 Girls Soccer	NO CREDIT
999821 Boys Cross Country	NO CREDIT	99985C Cheerleading	NO CREDIT
999822 Girls Cross Country	NO CREDIT	99985D Dance Team	NO CREDIT
999823 Volleyball	NO CREDIT		

NOTES



CABOT HIGH SCHOOL

401 N. Lincoln, Cabot, AR 72023

Phone: (501) 843-3562

Fax: (501) 843-4231

Web Address: cabotschools.org

School Profile

Administration

(501) 843-3562

Henry Hawkins, Principal
 Mike Falcinelli, Asst Principal
 Nicole Gatewood, Asst Principal
 Alana Graham, Asst Principal
 Adam Koehler, Asst Principal
 Brad Tarvin, Asst Principal

Counseling Center

(501) 843-3562

Fax: (501) 843-7756

Counselors

Ryan Davenport
 Jeanette DeJesus
 Kim Gibson
 Barbara Miller
 Jayne Snyder
 Julie Wilson

School

Size: 2331
 2.35% Asian
 2.45% Black
 86.62% Caucasian
 .09% Hawaii/Pacific Islander
 6.39% Hispanic or Latino
 .38% Native American/Alaskan
 1.80% Two or More Races

Grades 10-12
 178 Instructional Days
 52-minute Periods
 7-period Day
 7A Central Conference
 Colors: Red and White
 Mascot: Panther

Advanced Placement

Courses

Art History
 Biology
 English Language & Comp
 English Literature & Comp
 Calculus AB
 Chemistry
 Computer Science A
 Computer Science Principles
 Environmental Science
 European History
 French
 German
 Music Theory
 Physics 1
 Statistics
 Studio Art Drawing
 Studio Art 2D
 United States History
 United States Government
 World History
 Spanish

Concurrent Credit Courses

Applied Statistics
 College Algebra
 Freshman English I & II
 Principles of Biology
 Spanish I & II

Graduation Requirements

English	4
Math	4
Science	3
Social Studies	3
Physical Educ.	½
Health	½
Oral Comm.	½
Fine Arts	½
Electives	6 ½
Total Credits	22 ½

Honors Program

Curriculum

English	4 –Junior and Senior English must be Advanced level or higher
Math	4 –Algebra I & II and Geometry, & math above Algebra II
Science	3 –Physical Sci., Biology, & Chem, or Physics
Social Studies	3 –Civics/Gov't, Economics, Am Hist, Wld Hist
Foreign Lang.	2 –Must be the same language
Physical Educ.	½
Health	½
Oral Comm.	½
Fine Arts	½
Career Focus	4 ½
Total Credits	22 ½
GPA	3.50 or better

Grading Scale

A = 90 – 100 %
 B = 80 – 89 %
 C = 70 – 79 %
 D = 60 – 69 %
 F = Below 60 %

ACT Composite Scores

Year	Tested	CHS	State	Nat'l
07-08	393	21.8	20.6	21.1
08-09	402	22.0	20.6	21.1
09-10	419	22.4	20.3	21.0
10-11	466	22.0	19.9	21.1
11-12	492	22.5	20.3	21.1
12-13	497	22.1	20.2	20.9
13-14	494	22.0	20.4	21.0
14-15	496	22.4	20.4	21.0
15-16	498	22.3	20.2	20.8
16-17	721	20.7	19.4	21.0
17-18	666	21.2	19.4	20.8