



# *Course Selection Booklet*

*2016-2017*

*Cabot High School*

*Cabot Freshman Academy*

*Academic Center of Excellence*

*Information for Registration*

*(Course Offerings, Career Pathways)*

Parent Information Meeting – Jan. 27 – 6:00 p.m.

CHS Auditorium

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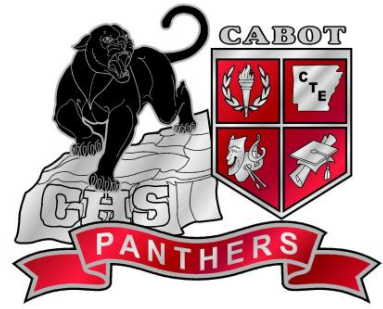
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# Cabot High School Course Selections



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 will 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](http://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](http://www.cabotschools.org). Under "Find Your School" click on "Cabot High School" and "Counseling Center."

## **ADDITIONAL VALUABLE RESOURCE**

The **Cabot High School College Admission Handbook** is now available on the Counseling Center website. This handbook is full of valuable information for students and parents including topics such as: curriculum planning, resume writing, standardized testing, information for athletes, choosing a college, application forms and letters, letters of recommendation, interviews and financial aid.

## **LINKS FOR ADDITIONAL RESOURCES**

|  |  |
|--|--|
| <a href="http://adhe.edu">adhe.edu</a>                         | Ark. Department of Higher Education              |
| <a href="http://fafsa.ed.gov">fafsa.ed.gov</a>                 | Free Application for Federal Student Aid (FAFSA) |
| <a href="http://asla.info">asla.info</a>                       | Ark. Student Loan Authority                      |
| <a href="http://actstudent.org">actstudent.org</a>             | ACT Information and Registration                 |
| <a href="http://sat.collegeboard.org">sat.collegeboard.org</a> | SAT Information and Registration                 |

## GRADUATION REQUIREMENTS – Class of 2014 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. **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 <sup>th</sup> , 10 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup>                                  |
| <b>Math*</b>        | 4           | Algebra I, Geometry, Algebra II, and 1 other math higher than Algebra II or 1 Computer Programming Course |
| <b>Science</b>      | 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        | <b>6.5</b>  |   |
| <b>TOTAL UNITS</b>  | <b>22.5</b> |   |

**\* All students must be enrolled in a math class during their junior or senior year.**

### CORE CURRICULUM

| Subject Area        | Units       | Comments   |
|---------------------|-------------|--|
| English             | 4           |  |
| <b>Math*</b>        | 4           | Must have Algebra I or its equivalent and Geometry plus other math classes that total to 4 Units of math |
| <b>Science</b>      | 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        | <b>6.5</b>  |  |
| <b>TOTAL UNITS</b>  | <b>22.5</b> |  |

**\* All students must be enrolled in a math class during 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.

All students in grades 9 through 12 must carry a class load of at least six (6) subjects for credit and must remain in school for the full seven period day unless they are in an approved work program. **Students may only schedule one non-credit class per day and one non-credit activity per day.**

Eleventh and twelfth graders who are enrolled in an approved work program/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.

Students who take correspondence courses must take course work that adequately covers subject matter. All correspondence courses that are expected to count toward graduation must be approved by the principal/designee. **Students are limited to two (2) credits by correspondence.**

No student will participate in graduation ceremonies who has not completed all requirements. (All correspondence grades must be recorded on the student's record.)

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 the principal signed by parents/guardians prior to the senior year. In order to complete the graduation requirements in less than 4 years, a student will need to take 1 or 2 courses through an approved correspondence program and/or an approved post-secondary educational institution.

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

**\*\* 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 5. If the waiver is not returned, your student will be enrolled in the Smart Core Curriculum.**

**SMART CORE WAIVER FORM  
(GRADUATING CLASS OF 2014 AND AFTER)**

**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 unforeseen situations. Smart Core is the foundation for- and career-readiness. All students should supplement with additional rigorous coursework within their career focus.

Successful completion of the Smart Core curriculum is one of the eligibility requirements for the Arkansas Academic Challenge Scholarship. Failure to complete the Smart Core curriculum for graduation may result in negative consequences such as conditional admission to college and ineligibility for scholarship programs.

Parents or guardians may waive the right for a student to participate in Smart Core. By signing this Smart Core Waiver Form, you are waiving your student’s right to Smart Core and are placing him or her in the Core Curriculum.

**CORE CURRICULUM**

**English – 4 units**

- English 9<sup>th</sup> grade
- English 10<sup>th</sup> grade
- English 11<sup>th</sup> grade
- English 12<sup>th</sup> grade

**Mathematics – 4 units**

- Algebra 1 or its equivalent
- Geometry or its equivalent
- All math units must build on the base of algebra and geometry knowledge and skills.

\*\* A two-year algebra equivalent or a two-year geometry equivalent may each be counted as two units of the four (4) unit requirement.

**Science – 3 units**

- At least one unit of Biology
- At least one unit of a physical science

**Social Studies – 3 units**

- Civics – ½ unit
- World History – 1 unit
- U.S. History – 1 unit

**Oral Communications – ½ unit**

**Physical Education – ½ unit**

**Health and Safety – ½ unit**

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

**Fine Arts – ½ unit**

**Career Focus – 6 units**

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 for my child. I understand the potential negative consequences of this action as outlined on this form.

\_\_\_\_\_  
**Parent/Guardian Signature**

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**School Official Signature**

\_\_\_\_\_  
**Date**

## 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<br>(All Classes) | Regular, Advanced,<br>& 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

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              | <b>4</b>      | –Junior and Senior English must be Advanced level or higher |
| Math                 | <b>4</b>      |   |
| Science              | <b>3</b>      |   |
| Social Studies       | <b>3</b>      |   |
| Foreign Lang.        | <b>2</b>      | –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         | <b>4 ½</b>    |   |
| <b>Total Credits</b> | <b>22 ½</b>   | <b>GPA 3.50 or better</b>                                   |

### 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.

## ADE STANDARDIZED TESTING REQUIREMENT

Arkansas Department of Education requires a student to participate in all state assessments in order to award course credit. All 10<sup>th</sup> graders are required to take the ACT Aspire. Students exempt from this assessment are required to complete the science portfolio in grade 10 and the NCSC alternate assessment in grade 11. Regardless of the grade earned in the course, students who do not perform at a "Proficient" level, that is determined by the Department of Education, will be required to complete remediation. Every 11<sup>th</sup> grade student will be given the opportunity to take the 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, space available basis.

5. Students may appeal the final decision by asking the Director of Counseling 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 a new schedule showing the change.

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

## ALTERNATIVE LEARNING ENVIRONMENTS

The Cabot Public School District is using Alternative Learning Environments not only as a means of preventing suspensions and expulsions, but also as a non-punitive method of providing extra help, support and course recovery.

## ACADEMIC CENTER OF EXCELLENCE

The Academic Center of Excellence (ACE) is a conversion charter school for 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. **Students need to be highly motivated and demonstrate the ability to self-schedule during non-school time.** Students can develop an individualized schedule through online courses, project-based, and distance learning in conjunction with courses at their traditional campuses. Students are accepted through an application process. Application packets can be picked up at the ACE building or can be printed from the ACE website.

## Required Course Offerings

Below is a list of courses that Cabot High School is required by law to offer each year according to the Arkansas Department of Education Standards:

**Language Arts** (These 6 units minimum must be offered.)

|            |   |                             |                 |
|------------|---|-----------------------------|-----------------|
| ENGLISH 9  | 1 | ORAL COMMUNICATIONS         | 1               |
| ENGLISH 10 | 1 | OR                          |                 |
| ENGLISH 11 | 1 | ORAL COMMUNICATIONS / DRAMA | (1/2 unit each) |
| ENGLISH 12 | 1 | JOURNALISM I                | 1               |

**Science** (5 units minimum must be offered. 2 courses in addition to these 3 specified courses.)

|           |   |
|-----------|---|
| BIOLOGY   | 1 |
| CHEMISTRY | 1 |
| PHYSICS   | 1 |

**Mathematics** (6 units minimum must be offered. 2 courses in addition to these 4 specified courses.)

|               |   |
|---------------|---|
| ALGEBRA I     | 1 |
| GEOMETRY      | 1 |
| ALGEBRA II    | 1 |
| PRE-CAL/ TRIG | 1 |

**Foreign Languages** (A minimum of 2 units of the same language must be offered)

|                           |   |
|---------------------------|---|
| LEVEL I FOREIGN LANGUAGE  | 1 |
| LEVEL II FOREIGN LANGUAGE | 1 |

**Fine Arts** (3 ½ units minimum must be offered.)

|                    |   |                              |     |
|--------------------|---|------------------------------|-----|
| ART I              | 1 | One of these must be offered |     |
| INSTRUMENTAL MUSIC | 1 | SURVEY OF FINE ARTS          | 1/2 |
| VOCAL MUSIC        | 1 | ADVANCED ART                 | 1/2 |
|                    |   | ADVANCED MUSIC               | 1/2 |

**Computer Applications** (1 unit minimum must be offered.)

**Computer Programming** (1 unit minimum must be offered.)

**Social Studies** (4 units minimum must be offered including these specifically.)

|                     |   |   |  |
|---------------------|---|---|--|
| AMERICAN HISTORY    | 1 |   |  |
| WORLD HISTORY       | 1 |   |  |
| CIVICS / GOVERNMENT |   | (May be taught as ½ or 1 unit but must follow the integrated Civics/Government Goals) |  |
| ARKANSAS HISTORY    |   | (1/2 unit must be offered if not offered in grades 7 & 8)                             |  |

**Economics** (1/2 unit)

**Health and Safety Education and Physical Education** (1 ½ units minimum must be offered.)

|                             |     |
|-----------------------------|-----|
| PHYSICAL EDUCATION          | 1   |
| HEALTH AND SAFETY EDUCATION | 1/2 |

**Career and Technical Education** (9 units minimum must be offered.)



# 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.

## 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.

## 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.

## 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.

413010 **Transitional English 12** (12<sup>th</sup>)

**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.

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)** (12<sup>th</sup>)

**1 Semester, 1 Unit**

**Fall Only**

See page 21.

51994S **Freshman English II (ENG 1013)** (12<sup>th</sup>)

**1 Semester, 1 Unit**

**Spring Only**

See page 21.

## 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** (10<sup>th</sup>, 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.

519062 **The Bible and Its Influence** (10th, 11th, 12th)

**1 Semester, 1/2 Unit**

**Fall or Spring**

American literature is steeped with Biblical allusions, Biblical symbols, and Biblical archetypes. The Bible and Its Influence offers students an overview of the Bible. This academic, one-semester course integrates the study of the Bible as a piece of literature with literature about the Bible.

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.**

514022 **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 directoral 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)

**1 Year, 1 Unit**

**Prerequisite: Forensics 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. **This course does NOT meet the Oral Communications requirement for graduation.**

415000 **Journalism I** (10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>)

**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 I, by application only**

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

416000 **Drama** (10th, 11th, 12th)

**1 Semester, 1/2 Unit**

**Fall only**

This is an introductory course which exposes the student to the surface elements of drama. It is designed to give students information necessary to determine the extent of their interest in theatre arts. Students will study improvisation, mime, acting and the beginnings of theatre history. **This course does NOT meet the Fine Arts requirement for graduation.**

## Mathematics

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.

439050 **Advanced Topics & Modeling in Mathematics**

(11th, 12th)

**1 Year, 1 Unit**

**Prerequisite: Algebra II and Geometry**

This course will build on concepts students have learned in Algebra I, Geometry, and Algebra II, with emphasis placed on mathematical modeling and analysis. Topics include functions, vectors, matrix operations, and probability and statistics. This course can be used to fill the 4<sup>th</sup> credit requirement for Smart Core.

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 4<sup>th</sup> 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.

434010 **Calculus** (12th)

**1 Year, 1 Unit**

**Prerequisite: Pre-Calculus**

This course is designed to develop students' understanding of the concepts of limits, derivatives, and

integrals and to provide experience with methods and applications. This course emphasizes a multi-representational approach to Calculus, expressing problems, results, and concepts graphically, numerically, analytically, and verbally.

534040 **AP Calculus AB** (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** (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)** (12<sup>th</sup>)

**1 Semester, 1 Unit**

**Fall Only**

See page 21.

53990S **College Algebra (MATH 1023)** (12<sup>th</sup>)

**1 Semester, 1 Unit**

**Spring Only**

See page 21.

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

**1 Semester, 1 Unit**

**Spring Only**

See page 21.

# 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** (10<sup>th</sup>)

### **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** (10<sup>th</sup>, 11<sup>th</sup>)

### **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** (11<sup>th</sup>, 12<sup>th</sup>)

### **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** (11<sup>th</sup>, 12<sup>th</sup>)

### **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.

## 424030 **Anatomy & Physiology** (11<sup>th</sup>, 12<sup>th</sup>)

### **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** (11<sup>th</sup>, 12<sup>th</sup>)

### **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** (11<sup>th</sup>, 12<sup>th</sup>)

### **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** (10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>)

### **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** (11<sup>th</sup>, 12<sup>th</sup>)

### **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** (12<sup>th</sup>)

**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.

## 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.

570020 **AP United States History** (10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>)

**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 15<sup>th</sup> 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.

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.

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

**1 Year, 1 Unit**

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.

54990F **Concurrent Spanish I (SPAN 1013)** (10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>)

**1 Semester, 1 Unit**

**Fall Only**

**Prerequisite: 19 in English and Reading on ACT**

**(New Course Offering)** This course is a concurrent college course. ACT requirements must be met before enrolling. See page 21 for cost information. 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.

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.**

54990S **Concurrent Spanish II (SPAN 1023)** (10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>)

**1 Semester, 1 Unit**

**Spring Only**

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

**(New Course Offering)** Spanish II is a continuation of Spanish I. See page 21 for more information.

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.

559021 **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.

559022 **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.

*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.

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.**

**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** (11<sup>th</sup>, 12<sup>th</sup>)

**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 1<sup>st</sup> 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.**

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

**1 Year, 1 Unit**

**Prerequisite: 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.

559070 **Costume & Makeup** (10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>)

**1 Year, 1 Unit**

**(New Course Offering)** Costume & Makeup is a year-long survey of the techniques, materials, and applications of theatrical design in wardrobe, puppetry, and practical special effects. Students will learn to sew by machine and hand, to fabricate using specialized tools and methods, and to design and apply fantasy, old age, injury, and straight makeup. Students are required to put makeup on their face in this class and will have required, flexible after school costuming work hours each semester. This class may not be taken concurrently with Stagecraft.

## Health and P.E.

480000 **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**

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 only**

Students may earn 1/2 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**

Students may earn 1/2 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**

**Prerequisite: Current enrollment in two or more Pre AP/AP courses**

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.

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 11<sup>th</sup> 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.

# 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, but can be transferred to any college or university in Arkansas.

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.**

**NOTE: 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.**

## ENGLISH

51994F **Freshman English I (ENG 1003) (12<sup>th</sup>)**  
**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 will substitute for the first semester of English 12 for graduation.**

51994S **Freshman English II (ENG 1013) (12<sup>th</sup>)**  
**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 will substitute for the second semester of English 12 for graduation.**

## MATHEMATICS

53990F **College Algebra (MATH 1023) (12<sup>th</sup>)**  
**1 Semester, 1 Unit** **Fall Only**  
**Prerequisite: 19 Math ACT and 19 Reading ACT and Algebra II, 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 will count as a fourth year of math for unconditional enrollment in Arkansas and Arkansas Academic Challenge Scholarship.**

53990S **College Algebra (MATH 1023) (12<sup>th</sup>)**  
**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**

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 will count as a fourth year of math for unconditional enrollment in Arkansas and Arkansas Academic Challenge Scholarship.**

539902 **Applied Statistics (MATH 2233) (12<sup>th</sup>)**  
**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. Statistical topics such as percentiles, the normal distribution, standard deviation, and fitting curves to data will be studied through analysis of real world data.

## FOREIGN LANGUAGE

54990F **Spanish I (SPAN 1013)** (10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>)  
**1 Semester, 1 Unit** **Fall Only**  
**Prerequisite: 19 on English ACT and 19 on Reading ACT**

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.

54990S **Spanish II (SPAN 1023)** (10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>)  
**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.

**AUTOMOTIVE COLLISION**  
99999L **Automotive Analysis/Repair** (12<sup>th</sup>)  
**1 Year, 1 Unit**  
**Prerequisite: Application and is able to leave after 4<sup>th</sup> 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.

491150 **Survey of Agriculture Systems** (10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>)

**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** (10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>)

**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** (10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>)

**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 **Managing Natural Resources** (10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>)

**1 Semester, 1/2 Unit**

**Fall Only**

**Must be paired with Environmental Resources**

Principles of fish and wildlife through the technical study of birds, animals, fishes, as well as the plant life, in the make-up and balance of nature including related careers in game habitat and management; and the study of the recreational possibilities of our main natural resource: private, state and natural recreation areas, as well as the opportunities and careers they offer. Students in this course also participate in the PALS mentoring program.

491230 **Environmental Resources** (10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>)

**1 Semester, 1/2 Unit**

**Spring Only**

**Must be paired with Managing Natural Resources**

This course explores environmental concerns and issues. Emphasis will be placed on soil and water conservation and agriculture's relationship with the environment. Activities designed to introduce elementary and high school students to issues impacting the environment they live in. Students in this course also participate in the PALS mentoring program.

491260 **Forestry** (10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>)

**1 Semester, 1/2 Unit**

**Fall Only**

**Must be paired with Greenhouse Management**

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** (10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>)

**1 Semester, 1/2 Unit**

**Spring Only**

**Must be paired with Forestry**

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 Advanced Animal Science**

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 I & II**  
**Must be paired with Aquaculture**

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 I** (10th, 11th, 12th)  
**1 Semester, 1/2 Unit** **Fall Only**  
**Must be paired with Animal Science II**

This course discusses the basic introduction of the animal science production industry, safety in the industry, organ systems of animals, and management practices of livestock animals. Students will work with livestock, participate in labs, develop displays, and perform dissections to gain a deeper knowledge about animal safety, management, and anatomy.

491200 **Animal Science II** (10th, 11th, 12th)  
**1 Semester, 1/2 Unit** **Spring Only**  
**Prerequisite: Must be paired with Animal Science I**

This course discusses the reproductive system and technologies associated with embryo transfers, genetics, animal health, and animal products. Students will conduct labs, research, and develop displays, and work hands-on with livestock to gain a deeper knowledge about the managements of livestock from reproduction to production.

491130 **Vegetable and Fruit Production** (10th, 11th, 12th)  
**1 Semester, 1/2 Unit** **Fall Only**  
**Must be paired with Food Science Technology**

This course explores the vegetable and fruit production industry, plant selection, production planning of crops, & marketing planning of crops. This course also covers career opportunities & interactive labs to demonstrate to students the need for a safe food supply. Students in this course also participate in the PALS mentoring program.

491250 **Food Science Technology** (11th, 12th)  
**1 Semester, 1/2 Unit** **Spring Only**  
**Must be paired with Vegetable & Fruit Production**

Students in this course will explore the food industry in production, manufacturing/processing, distribution and marketing. The course also covers careers, consumer consumption, food safety, global commodities and food companies. Students in this course also participate in the PALS mentoring program.

491340 **Plant Science 1** (10th, 11th, 12th)  
**1 Semester, 1/2 Unit** **Fall Only**  
**Must be paired with Plant Science 2**

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.

491210 **Plant Science 2** (10th, 11th, 12th)  
**1 Semester, 1/2 Unit** **Spring Only**  
**Must be paired with Plant Science I**

This course is a continuation of Plant Science 1. Students will examine plant growth including fertilizer requirements, soil amendments, and environmental conditions. Students will also identify pests and diseases. Students will examine the role genetics has on plant science and demonstrate propagation techniques including asexual and sexual propagation methods. 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, 2 Units**

**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. **(Linked with 493452 Intermed TV Lab and taught in a two-hour block.)**

493440 **Advanced Television** (12th)

**1 Year, 2 Units**

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

Linked with 493453 Advanced TV Lab and taught in a two-hour block.

## **BUSINESS TECHNOLOGY**

492170 **Entrepreneurship I** (10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>)

**1 Semester, 1/2 Unit**

**Fall Only**

Enterprise Management I is designed to offer an overview of the American business enterprise system. It provides 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.

492180 **Entrepreneurship II** (10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>)

**1 Semester, 1/2 Unit**

**Spring Only**

**Prerequisite: Entrepreneurship I**

Enterprise Management II incorporates applied economics with emphasis on current applications of economic theory, international economics, and small business economic applications. This semester is designed around the 5 major economic activities, including producing, exchanging, consuming, saving, and investing.

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** (10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>)

**1 Semester, 1/2 Unit**

**Fall Only**

Formerly known as Intro to Finance, this is a one-semester course designed to increase financial literacy and prepare students to successfully manage financial resources. This course also focuses on the individual's role and financial responsibilities as a student, citizen, consumer, and active participant in the business world. Emphasis is also placed also on activities and competitions within career technical student organizations.

492210 **Insurance & Risk Management** (10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>)

**1 Semester, 1/2 Unit**

**Spring Only**

Insurance & Risk Management provides an overview of the insurance industry, including various types of insurance, rates and claims, and career opportunities. Included are activities that help the student to better understand the importance of insurance and how it affects them both today and through their retirement years.

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.

492150 **Digital Communications I** (10th, 11th, 12th)  
**Digital Layout & Design**  
**1 Semester, 1/2 Unit** **Fall Only**

This one-semester course introduces students to the basic principles of Advertising layout and design. Students will learn the basics tools of InDesign and Photoshop to design, edit and print flyers, brochures, billboards, and other advertising material. Students will participate in hands-on projects to understand and design marketing material based on target markets.

492160 **Digital Communications II** (10th, 11th, 12th)  
**Digital Imaging**  
**1 Semester, 1/2 Unit** **Spring Only**

**Prerequisite: Digital Communications I**

This one-semester course advances techniques learned in Photoshop from DC I. It is designed to allow students to learn the process of analyzing market information and customer trends, in order to choose the appropriate visual advertising signals to communicate the message effectively. Various Graphics programs are used to design different media related visual communication. Applied principles are used to analyze and organize information, set up a design structure and produce special visual expressions.

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.

492360 **Digital Communications III** (11th, 12th)  
**Digital Media**  
**1 Semester, 1/2 Unit** **Fall Only**  
**Prerequisite: Digital Communications I & II**

Students will have the opportunity to create projects such as podcasts and videos. Students will use skills obtained in prerequisite courses and incorporate these skills with project based learning to develop a variety of multimedia experiences using Audacity sound software and Windows Movie Maker video editing software. To complete the multimedia experience, students should register for DC IV- Digital Audio/Visual Production.

492370 **Digital Communications IV** (11th, 12th)  
**Digital Audio/Visual Production**  
**1 Semester, 1/2 Unit** **Spring Only**  
**Prerequisite: Digital Communications III**

Digital Audio/Visual Production (DC IV) is a one-semester continuation of DC III. Students will create final podcasts, videos, and web sites that maximize the multimedia experience. This class will focus on extending the skills learned in the first semester of DC III. Students will incorporate photo editing software, animation software, camera and video technology, audio software, and other various software applications to create "real-life" multimedia presentations through project based learning models.

## COMPUTER APPLICATION COURSES

Computer Applications I, II, and III are one-semester, **self-paced, competency-based courses**. All assignments required for these courses are on a syllabus given to the student. Using this syllabus and a calendar provided by the instructor, the student must use their time wisely to finish the course work during the semester. These courses are designed to provide students with computer skills necessary to do well in high school and needed in virtually all jobs today. **To receive credit, students must complete all required assignments and achieve 80% or greater on each assignment and test.**

492490 **Computer Applications I** (10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>)  
**1 Semester, 1/2 Credit** **Fall or Spring**  
**Prerequisite: Keyboarding**

Students will learn the fundamental skills necessary to create and edit the most widely used documents and use the most commonly used features of a word processor. Internet searching skills and citing Internet sources are stressed with these applied to a simple PowerPoint presentation. In the area of spreadsheets, students will be

expected to create and edit simple spreadsheets, using basic formulas and functions, and create a simple graph or chart.

**492500 Computer Applications II** (10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>)

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

**Prerequisite: Computer Applications I**

Students will learn techniques that will allow them to create fairly complex word processing and spreadsheet documents. They will continue their Internet research, applying it to spreadsheets, charts and graphs, and web pages.

**492510 Computer Applications III** (10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>)

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

**Prerequisite: Computer Applications I/II**

Students will learn techniques that will allow them to create simple to intermediate desktop publishing documents; create, access and edit databases; use email efficiently and ethically; create advanced electronic presentations; and create web pages using web-page design software. They will continue their Internet research, applying it to advanced electronic presentations and the web pages they create.

**492550 Senior Technology Seminar** (12<sup>th</sup>)

**1 Year, 1 Unit**

**Prerequisite: DC I/II and/or Web Design I and Instructor Approval**

In this project-based course, students are assigned actual computer projects from the school district and local businesses. The projects may include creating presentations to be used at meetings and seminars, creating advanced databases, creating and maintaining web pages/sites, customizing database reports and screens, maintaining computers, etc. Students must submit an application to receive instructor approval.

**492650 Web Design I** (10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>)

**1 Year, 1 Unit**

**Prerequisite: CA I**

This course introduces student to essential Web page development skills. Students will use Hypertext Markup Language (HTML) and Extensible HTML (XHTML) to create Web Sites. Hands-on labs and project based learning assignments provide “real-world” scenarios. Students will use Microsoft FrontPage, Adobe Dreamweaver and Flash, and HTML. Upon completion of the course, students have the opportunity to complete industry certification exams.

**492660 Web Design II** (11<sup>th</sup>, 12<sup>th</sup>)

**1 Year, 1 Unit**

**Prerequisite: Web Design I**

Students continue to use Hypertext Markup Language (HTML) and Extensible HTML (XHTML) to create and support Web Sites. Students will continue to use hands-on labs and project based learning assignments that provide “real-world” scenarios. Students will have the opportunity to complete the final level of industry certification exams giving the student national certification in Web Design.

**560020 AP Computer Science Principles** (11<sup>th</sup>, 12<sup>th</sup>)

**1 Year, 1 Unit**

**1<sup>st</sup> Period Only**

**(New Offering)** 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.

**493780 JAG I**–Jobs for Arkansas Graduates (11th)

**493790 JAG II** – Jobs for Arkansas Graduates (12th)

**Prerequisite: Consent of coordinator and completed application**

Job-related instruction is given in JAG, and students enrolled in this program must agree to participate in follow-up for one year after graduation. JAG helps students graduate from high school, obtain successful employment after graduation and/or attend post-secondary institutions. At least one year in any vocational/technical class and enrollment in an additional vocational/technical class. Students must work a minimum of 10 hours per week for a minimum of 180 hours per semester. The job must be a legitimate, paying job in which the student receives a payroll check. Students are not allowed to complete the 180 hours and stop working. If a student does not work for the entire semester, they will receive a failing grade for the work portion of JAG.

**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 focus major area. The entire program focuses on assisting students to successfully transition from school to work. Classroom instruction focuses on basic skills required by all employees and shall not exceed one hour per week. Classroom time is worked out on an individual basis and may be completed before or after regular school hours or during advisory. Interns must work a minimum of 10 hours per week in a career focus area and a career focus plan must be on file with the counselor. Students may receive one credit per semester to a maximum of four credits in the junior and senior years depending on the number of hours worked. It is highly recommended that Internship students take the course, Workplace Readiness.

## **CONSTRUCTION TECHNOLOGY**

494460 **Carpentry** (10<sup>th</sup>)

**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** (11<sup>th</sup>, 12<sup>th</sup>)

**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** (11<sup>th</sup>, 12<sup>th</sup>)

**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** (10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>)

**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** (10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>)

**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. EAST students tackle real problems facing their communities. 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** (11<sup>th</sup>, 12<sup>th</sup>)

**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** (12<sup>th</sup>)

**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 21<sup>st</sup> 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** (10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>)

**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** (10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>)

**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** (11<sup>th</sup>, 12<sup>th</sup>)

**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** (11<sup>th</sup>, 12<sup>th</sup>)

**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 and Consumer Sciences (FACS) Department offers a variety of courses providing valuable and useful life skills from which any student may benefit. FACS students may join the Family, Career and Community Leaders of America (FCCLA) club and participate in local, state, and national events. In addition, qualified students may graduate with FACS Honors and receive a special cord to be worn at graduation.

493020 **Child Development** (10th, 11th, 12th)

**1 Semester, 1/2 Unit**

**Fall Only**

This course provides students with understanding of the physical, social, emotional, intellectual, and moral development of children from birth to 12 years of age. Students are also taught about proper prenatal care during pregnancy.

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

**1 Year, 1 Unit**

In this course emphasis is given to the development of competencies related to individual health and family relationships; clothing construction labs and fashion design; house and interior design; nutrition and meal preparation; credit and banking services; child development and parenting; and FCCLA club history and information. There is a small lab fee the student will be responsible for during the clothing unit for materials.

493110 **Food & Nutrition** (10th, 11th, 12th)

**1 Semester, 1/2 Unit**

**Fall or Spring**

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 will also be covered.

493140 **Housing & Interior Design** (10th, 11th, 12th)

**1 Semester, 1/2 Unit**

**Spring Only**

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

493160 **FACS Leadership** (10th, 11th, 12th)

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

This course emphasizes the importance of leadership skills, volunteerism, and professionalism in the development of personal qualities. It focuses on the benefits of community service, leadership roles, and civic responsibilities. Course projects and activities incorporate and reinforce academic skills such as math and science. Students are encouraged to explore areas of critical and creative thinking, responsibility, and cultural awareness as they relate to character development. Current technology is used to enhance communication skills and promote professionalism. Students in this class are required to join FCCLA, the FACS student organization.

491990 **Financial Literacy** (10th, 11th, 12th)

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

Formerly known as Personal and Family Finance, this is a one-semester course designed to increase financial literacy and prepare students to successfully manage financial resources. This course also focuses on the individual's role and financial responsibilities as a student, citizen, consumer, and active participant in the business world. Emphasis is also placed also on activities and competitions within career technical student organizations.

493200 **Nutrition & Wellness** (10th, 11th, 12th)

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

This course provides students with practical solutions for improving overall wellness. Nutrition and Wellness emphasizes the the interaction of nutrition, foods, and exercise for lifelong fitness and well-being of individuals. Emphasis is also put on emotional, social, and psychological wellness. One day a week is dedicated to fitness activities in order for students to gain ideas they can incorporate into daily life.

493210 **Parenting** (10th, 11th, 12th)

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

This course provides students with understanding related to the challenge and responsibilities of being a parent/caregiver. Some of the topics covered are related to the parenthood decision, costs of having and raising a child, rights and responsibilities of parents and children, guidance techniques for promoting positive behavior, prevention of child abuse and neglect, promoting health and safety of children, parenting a "special needs" child, and selection of child-care services. The RealCare baby simulators are taken home during this course.

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.

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. The students will research and examine foundations within the educational system.

## **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 the Introduction to Medical Professions course or Sports Medicine I and take advantage of these other opportunities.

495340 **Intro to Medical Professions** (10<sup>th</sup>)

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

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.

495330 **Medical Procedures** (10<sup>th</sup>)

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

**Prerequisite: Intro to Medical Professions**

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** (11<sup>th</sup>, 12<sup>th</sup>)

**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 Medical Procedures course. The different areas addressed are dental assisting, laboratory assisting, medical assisting, nurse assisting, physical therapy assisting, and veterinary assisting.

495290 **Pathology** (11<sup>th</sup>, 12<sup>th</sup>)

**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** (11<sup>th</sup>, 12<sup>th</sup>)

**1 Semester, ½ Unit**

**Fall Only**

**Prerequisite: Intro to Medical Professions & Medical Procedures**

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.

494050 **Foundations of Sports Medicine**(10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup>)

**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** (11<sup>th</sup>, 12<sup>th</sup>)

**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.

494140 **First Responder** (11<sup>th</sup>, 12<sup>th</sup>)

**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** (11<sup>th</sup>, 12<sup>th</sup>)

**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** (10<sup>th</sup>, 11<sup>th</sup>)

**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** (11<sup>th</sup>, 12<sup>th</sup>)

**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** (12<sup>th</sup>)

**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 and Concurrent 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.

**Concurrent Credit:** This type of college credit is awarded to qualified students while in high school having successfully completed the course work. Qualified students for ASU-Searcy must be seniors, have their own transportation, and have a GPA of 3.0 or higher. ASU-Searcy courses are offered on the ASU-Beebe campus. Concurrent Credit Students will receive both high school credit and college credit at the same time (concurrently). A college transcript is generated and is permanent. This type of credit may be transferable to other institutions but not guaranteed. Transfer of credit is determined by the receiving institution. There is no cost to the student for concurrent credit except for transportation costs where applicable.

### **Agricultural Science and Technology**

**ASU-Beebe Articulated Credit**

| <b><u>CHS Course</u></b>   | <b><u>ASU-Beebe Course</u></b>    | <b><u>Credit</u></b> |
|--|-----------------------------------|----------------------|
| 491180 Animal Science <b>AND</b><br>491200 Biological Animal Science | ANSC 1204 Intro to Animal Science | 4                    |
| 491340 Plant Science <b>AND</b><br>491210 Biological Plant Science   | PSSC 1303 Intro. to Plant Science | 3                    |

### **Automotive Service Technology**

**ASU-Beebe Articulated Credit**

| <b><u>CHS Course</u></b>       | <b><u>ASU-Beebe Course</u></b>  | <b><u>Credit</u></b> |
|--------------------------------|---|----------------------|
| 494180 Brakes                  | AST 2104 Brakes   | 4                    |
| 494210 Suspension and Steering | AST 2204 Suspension and Steering  | 4                    |
| 494190 Electrical Systems      | IET 1102 <b>AND</b> IET 2102 General Electronics                                    | 4                    |
| 494200 Engine Performance      | AST 2504 Engine Performance I <b>AND</b><br>AST 1103 Intro to Automotive Technology | 7                    |

**Pulaski Technical College Articulated Credit (Automotive)**

| <b><u>CHS Course</u></b>       | <b><u>PTC Course</u></b>          | <b><u>Credit</u></b> |
|--------------------------------|-----------------------------------|----------------------|
| 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 2210 Engine Performance       | 10                   |

### **Business Technology**

**ASU-Beebe Articulated Credit**

| <b><u>CHS Course</u></b>  | <b><u>ASU-Beebe Course</u></b>       | <b><u>Credit</u></b> |
|---|--------------------------------------|----------------------|
| 492100 Computerized Accounting I<br><b>AND</b><br>492110 Computerized Accounting II | ACCT 2003 Principles of Accounting I | 3                    |
| 492150 Digital Communication I <b>AND</b><br>492160 Digital Communication II        | CIS 2813 Desktop Publishing I        | 3                    |

|   |                                       |   |
|---|---------------------------------------|---|
| 492490 Computer Applications I <b>AND</b><br>492500 Computer Applications II <b>AND</b><br>492510 Computer Applications III | CIS 1503 Microcomputer Applications I | 3 |
|---|---------------------------------------|---|

|                   |                                      |   |
|-------------------|--------------------------------------|---|
| 492320 Management | MGMT 2003 Introduction to Management | 3 |
|-------------------|--------------------------------------|---|

|                     |   |   |
|---------------------|---|---|
| 492650 Web Design I | CST 1154 Intro to Microcomputer Programming | 4 |
|                     | <b>OR</b><br>CIS 2013 Web Page Design       | 3 |

**Pulaski Technical College Articulated Credit**

| <b><u>CHS Course</u></b>  | <b><u>PTC Course</u></b>   | <b><u>Credit</u></b> |
|---|--|----------------------|
| 492490 Computer Applications I <b>AND</b><br>492500 Computer Applications II  | ELT 1103 Computer Fundamentals<br><b>OR</b><br>BUS 1513 Word Processing    | 3<br>3               |
| 492150 Digital Communication I <b>AND</b><br>492160 Digital Communication II  | BUS 2403 Desktop Publishing  | 3                    |
| 492100 Computerized Accounting I  | BUS 1123 Accounting Fundamentals   | 3                    |
| 492490 Computer Applications I <b>AND</b><br>492500 Computer Applications II <b>AND</b><br>492510 Computer Applications III | CIS 1103 Computer Concepts <b>OR</b><br>BUS 1303 Introduction to Computers | 3<br>3               |

## Construction Trades

**Pulaski Technical College Articulated Credit**

| <b><u>CHS Course</u></b>  | <b><u>PTC Course</u></b>          | <b><u>Credit</u></b> |
|---|-----------------------------------|----------------------|
| 494480 Fundamentals of Construction<br><b>AND</b><br>494460 Carpentry | DFT 2103 Construction Techniques  | 3                    |
| 494500 Electricity <b>AND</b><br>494510 Plumbing                      | CTT 2207 Construction Processes I | 7                    |

## Criminal Justice

**ASU-Beebe Articulated Credit**

| <b><u>CHS Course</u></b>         | <b><u>ASU-Beebe Course</u></b>      | <b><u>Credit</u></b> |
|----------------------------------|-------------------------------------|----------------------|
| 494620 Intro to Criminal Justice | CRIM 1023 Intro to Criminal Justice | 3                    |

**ITT Tech Articulated Credit**

| <b><u>CHS Course</u></b>         | <b><u>ITT Tech Course</u></b>   | <b><u>Credit</u></b> |
|----------------------------------|---------------------------------|----------------------|
| 494620 Intro to Criminal Justice | CJ131 Intro to Criminal Justice | 4                    |

## Engineering

**Arkansas Tech University Articulated Credit**

| <b><u>CHS Course</u></b>   | <b><u>ATU Course</u></b>       | <b><u>Credit</u></b> |
|----------------------------|--------------------------------|----------------------|
| 495480 Intro to Eng Design | MCEG 1002 Graphics             | 2                    |
| 495490 Prin of Engineering | MCEG 1012 Intro to Engineering | 2                    |

**Pulaski Technical College Articulated Credit**

| <b><u>CHS Course</u></b>         | <b><u>PTC Course</u></b>        | <b><u>Credit</u></b> |
|----------------------------------|---------------------------------|----------------------|
| 495490 Principles of Engineering | TECH 1103 Intro. to Engineering | 3                    |

**ITT Tech Articulated Credit**

| <b><u>CHS Course</u></b>        | <b><u>ITT Tech Course</u></b>  | <b><u>Credit</u></b> |
|---------------------------------|--------------------------------|----------------------|
| 495460 Digital Electronics      | ET255 Digital Electronics I    | 4                    |
| 495440 Civil Engineering & Arch | CD130 Architectural Drafting I | 4                    |

## Family and Consumer Sciences

### ASU-Beebe Articulated Credit

#### CHS Course

493020 Child Development

#### ASU-Beebe Course

ECH 1103 Child Growth and Development

#### Credit

3

## Medical Professions

### Pulaski Technical College Articulated Credit

#### CHS Course

495360 Medical Terminology **AND**

429011 Anatomy and Physiology

#### PTC Course

MET 1103 Medical Terminology I

#### Credit

3

## Occupational Studies

The following courses are general education core hours which can only be articulated for completion of the technical certificate programs at the ASU-Searcy or ASU-Heber Springs campus:

#### CHS Course

430000 **Algebra I**

(must score at least 17 on the ACT Math or 26 on COMPASS Math)

\* *Intro to Technical Math is a required course for Auto Body Repair, Automotive Technology, Diesel Technology and Welding technical certificates.*

#### ASU Course

MTH 1003 Intro to Technical Math

#### Credit

3\*

432000 **Algebra II**

MTH 1103 Intro to Algebra

MTH 2003 Technical Math

MTH 2103 Adv. Technical Math

MTH 2203 Intro to Trigonometry

3\*

3\*

3\*

3\*

(must have ACT Math score of 19 or 41 on COMPASS Math)

\* *Departments requiring one or more of these courses are: Air Conditioning, Industrial Electronics, Machine Technology, and Computer Network & Repair technical certificates.*

#### CHS Course

430000 Algebra I **AND**

431000 Geometry **AND**

432000 Algebra II

#### Pulaski Tech Course

MTH 1103 Technical Math

#### Credit

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 9<sup>th</sup> 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) |

### **Animal Systems Pathway**

|                               |             |
|-------------------------------|-------------|
| Survey of Agriculture Systems | (1 credit)  |
| Animal Science                | (.5 credit) |
| Biological Animal Science     | (.5 credit) |
| Agricultural Elective(s)      | (1 credit)  |

### **Plant Systems (Biological) Pathway**

|                               |             |
|-------------------------------|-------------|
| Survey of Agriculture Systems | (1 credit)  |
| Plant Science                 | (.5 credit) |
| Biological Plant Science      | (.5 credit) |
| Agricultural Elective(s)      | (1 credit)  |

### **Natural Resources Systems/Environmental Service Systems Pathway**

|                                |             |
|--------------------------------|-------------|
| Survey of Agriculture Systems  | (1 credit)  |
| Managing Our Natural Resources | (.5 credit) |
| Environmental Resources        | (.5 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 three 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 and Digital Communications Pathway**

#### **Digital Communication Program of Study**

|                           |             |
|---------------------------|-------------|
| Computer Applications I   | (.5 credit) |
| Computer Applications II  | (.5 credit) |
| Digital Communication I   | (.5 credit) |
| Digital Communication II  | (.5 credit) |
| Digital Communication III | (.5 credit) |
| Digital Communication IV  | (.5 credit) |

#### **Web Design Program of Study**

|                               |             |
|-------------------------------|-------------|
| Computer Applications I       | (.5 credit) |
| Computer Applications II      | (.5 credit) |
| Web Design I - Foundations    | (1 credit)  |
| Web Design II - Site Designer | (1 credit)  |

### **Accounting Pathway**

|                            |             |
|----------------------------|-------------|
| Computer Applications I    | (.5 credit) |
| Computer Applications II   | (.5 credit) |
| Computerized Accounting I  | (1 credit)  |
| Computerized Accounting II | (1 credit)  |

### **General Management Pathway**

|                           |             |
|---------------------------|-------------|
| Computer Applications I   | (.5 credit) |
| Computer Applications II  | (.5 credit) |
| Computerized Accounting I | (1 credit)  |
| Management                | (1 credit)  |

### **Insurance Pathway**

|                               |             |
|-------------------------------|-------------|
| Computer Applications I       | (.5 credit) |
| Computer Applications II      | (.5 credit) |
| Computerized Accounting I     | (1 credit)  |
| Financial Literacy            | (.5 credit) |
| Insurance and Risk Management | (.5 credit) |

### **Marketing Management Pathway**

|                           |             |
|---------------------------|-------------|
| Computer Applications I   | (.5 credit) |
| Computer Applications II  | (.5 credit) |
| Computerized Accounting I | (1 credit)  |
| Entrepreneurship I        | (.5 credit) |
| Entrepreneurship II       | (.5 credit) |

## **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**

|  |               |
|--|---------------|
| Child Development                          | (.5 credit)   |
| Orientation to Teaching I                  | (1 credit)    |
| Pre-qualified FACS Electives (see teacher) | (1.5 credits) |

## **Health Sciences (Medical Academy)**

### **Therapeutic Services Pathway**

|                                     |             |
|-------------------------------------|-------------|
| Introduction to Medical Professions | (.5 credit) |
| Medical Procedures                  | (.5 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

### **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. The 9<sup>th</sup> Grade End of Level English exam, a test required by the state, is given when the course is complete. (See page 8, top left)

### **41000P English 9 Pre-AP** **1 Year, 1 Unit**

#### **Prerequisite: Recommendation from GT Director**

This course consists of one semester of advanced grammar study and one semester of intensive literature survey. Both semesters focus on writing skills, vocabulary enrichment, and comprehension of new materials. Library skills are taught and applied. The 9<sup>th</sup> Grade End of Level English exam, a test required by the state, is given when the course is complete. (See page 8, top left)

## Mathematics

### **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. The End of Course Algebra exam, a test required by the state, is given when the course is complete. (See page 8, top left)

### **43100P Geometry Pre-AP** **1 Year, 1 Unit**

#### **Prerequisite: Algebra I and Recommendation from GT Director**

The geometry curriculum (see page 11) will be covered with more emphasis on extension topics. Students will be expected to use independent problem solving skills. The End of Course Geometry exam, a test required by the state, is given when the course is complete. (See page 8, top left)

## 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.

### 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 10<sup>th</sup> 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

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.**

## 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.**

### 480000 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.**

### 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.

## Academic Electives

### 414020 Forensics I

**1 Year, 1 Unit**

**Prerequisite: Intro to Forensics and tryout**

Students are expected to compete on the Arkansas Junior 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 involved. In addition to extensive work time outside of class, students will be expected to perform speeches and scenes. Students who take this course should be highly dependable and responsible. **This course DOES satisfy the Oral Communications graduation requirement if students successfully complete the entire year.**

Students must complete an application and gain approval from the teacher to enroll in this course. (Students must meet minimum Arkansas Activities Association eligibility requirements.)

### 414021 Introduction to Forensics

**1 Year, 1 Unit**

This course is an overview of forensics and debate theory and is required for those wishing to join the varsity traveling squad. Students will learn the foundation of interpersonal and organizational communication and study acting, public speaking, and oral interpretation. A college text is utilized and students are expected to present a minimum of 8 six minute performances to the class. In addition, students are required to attend two



tournaments. Excellent reading skills and extensive participation are needed to successfully complete the class. **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. **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: 7<sup>th</sup> & 8<sup>th</sup> 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 and 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 Introductory Craft Skills**

**1 Year, 1 Unit**

This course is the **required** introductory course to Construction Technology (10<sup>th</sup> – 12<sup>th</sup>) 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 2<sup>nd</sup> 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**

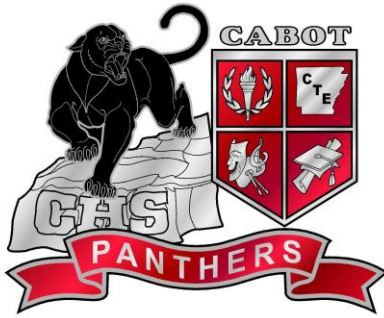
The skills and experiences students gain while working in this environment are countless: teamwork, leadership, self-motivation, public speaking and more, not to mention what they learn while working with industry-standard software and hardware. Students will be required to make public speaking presentation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

**Non-Credit Athletics**

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

|                                   |           |                            |           |
|-----------------------------------|-----------|----------------------------|-----------|
| 999811 <b>Football</b>            | NO CREDIT | 999824 <b>Baseball</b>     | NO CREDIT |
| 999812 <b>Boys Basketball</b>     | NO CREDIT | 999825 <b>Softball</b>     | NO CREDIT |
| 999813 <b>Girls Basketball</b>    | NO CREDIT | 999826 <b>Swimming</b>     | NO CREDIT |
| 999814 <b>Boys Track</b>          | NO CREDIT | 999827 <b>Boys Soccer</b>  | NO CREDIT |
| 999815 <b>Girls Track</b>         | NO CREDIT | 999828 <b>Girls Soccer</b> | NO CREDIT |
| 999821 <b>Boys Cross Country</b>  | NO CREDIT | 99985C <b>Cheerleading</b> | NO CREDIT |
| 999822 <b>Girls Cross Country</b> | NO CREDIT | 99985D <b>Dance Team</b>   | NO CREDIT |
| 999823 <b>Volleyball</b>          | 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  
 Charlie Donham, Asst Principal  
 Nicole Gatewood, Asst Principal  
 Alana Graham, Asst Principal  
 Brad Tarvin, Asst Principal  
 Ronnie Tollett, Asst Principal

### Counseling Center

(501) 843-3562

Fax: (501) 843-7756

### Counselors

Kim Gibson  
 Barbara Miller  
 Jayne Snyder  
 Janet Walters  
 Julie Wilson

### School

Size: 2068  
 91% Caucasian  
 4.5% Hispanic  
 2% Asian/Pacific  
 2% African American  
 0.5% Native American

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

### Advanced Placement

#### Courses

English Language and Composition  
 English Literature and Composition  
 Calculus AB  
 Statistics  
 Biology  
 Chemistry  
 Physics 1  
 World History  
 United States History  
 European History  
 Studio Art – Drawing  
 Studio Art – 2D Design  
 Art History  
 Music Theory  
 French  
 German  
 Spanish  
 Computer Science Principles

#### Grading Scale

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

### 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         |
| <b>Total Credits</b> | <b>22 ½</b> |

### Honors Program

#### Curriculum

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

### ACT Composite Scores

| Year  | Tested | CHS  | State | Nat'l |
|-------|--------|------|-------|-------|
| 01-02 | 321    | 21.4 | 20.2  | 20.8  |
| 02-03 | 297    | 21.7 | 20.3  | 20.8  |
| 03-04 | 352    | 21.4 | 20.4  | 20.9  |
| 04-05 | 361    | 21.3 | 20.3  | 20.9  |
| 05-06 | 348    | 22.1 | 20.6  | 21.1  |
| 06-07 | 368    | 21.9 | 20.5  | 21.2  |
| 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  |

