



Course Selection Booklet

2012-2013

Cabot High School

Cabot Junior High North
(9th grade courses)

Cabot Junior High South
(9th grade courses)

Information for Registration
(Course Offerings, Career Pathways)

Parent Information Meeting – Feb. 2nd – 6:30 p.m.

CHS Cafeteria (New Facility)

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Cabot High School

2011-2012

Course Selections



This Course Selection Booklet was prepared to aid you in making course selections for the 2011-2012 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.

Students should also choose courses carefully to meet scholarship requirements. Requirements for many scholarships may be found on the Counseling Center website at chsc.com.

ADDITIONAL VALUABLE RESOURCE

The **Cabot High School College Admission Handbook** is now available on the Counseling Center website at chsc.com. 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

adhe.edu
fafsa.ed.gov
asla.info

Ark. Department of Higher Education
Free Application for Federal Student Aid
Ark. Student Loan Association

saygocollege.com

GRADUATION REQUIREMENTS – Class of 2013

For the class of 2013, 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.

SMART CORE CURRICULUM

Subject Area	Units	Comments
English	4	9 th , 10 th , 11 th , 12 th
Math*	4	Algebra I, Geometry, Algebra II, and a choice of TCM, Algebra III, PreCal/Trig, AP Calculus
Science	3	Biology, and 2 units chosen from Physical Science, Chemistry or Physics
Social Studies	3	1 unit Civics/Government, 1 unit World History and 1 unit American History
Physical Education	0.5	Maximum of 1 unit
Health	0.5	
Fine Arts	0.5	Fine Art Survey, art, music, theater, stagecraft, theater dance
Oral Communications	0.5	
Career Focus	6.5	
TOTAL UNITS	22.5	

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

CORE CURRICULUM

Subject Area	Units	Comments
English	4	
Math*	4	1 unit of algebra & 1 unit of geometry
Science	3	1 unit of biology and 1 unit of a physical science
Social Studies	3	1 unit of world history, 1 unit of U.S. History, 1/2 unit of civics
Physical Education	0.5	Maximum of 1 unit
Health	0.5	
Fine Arts	0.5	Fine Art Survey, art, music, theater, stagecraft, theater dance
Oral Communications	0.5	
Career Focus	6.5	
TOTAL UNITS	22.5	

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

CHANGE TO GRADUATION REQUIREMENTS – Class of 2014

Beginning with the Class of 2014, the Arkansas Department of Education is requiring ½ unit of Economics for graduation from Arkansas high schools. Cabot High School will offer Economics as a Social Studies credit. Beginning with the 2010-2011 school year, ninth graders in the Pre-AP program will take one semester of Civics PAP and one semester of Economics. **Beginning in the 2011-2012 school year**, tenth graders will take one semester of Civics and one semester of Economics. This new requirement does not affect the Class of 2013. This is reflected in the following graduation requirements for the Class of 2014 and beyond.

GRADUATION REQUIREMENTS – Class of 2014 and Following

For the class of 2014, and all graduating classes thereafter, 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.

SMART CORE CURRICULUM

Subject Area	Units	Comments
English	4	9 th , 10 th , 11 th , 12 th
Math*	4	Algebra I, Geometry, Algebra II, and a choice of TCM, Algebra III, PreCal/Trig, AP Calculus
Science	3	Biology, and 2 units chosen from Physical Science, Chemistry or Physics
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	Fine Art Survey, art, music, theater, stagecraft, theater dance
Oral Communications	0.5	
Career Focus	6.5	
TOTAL UNITS	22.5	

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

CORE CURRICULUM

Subject Area	Units	Comments
English	4	
Math*	4	1 unit of algebra & 1 unit of geometry
Science	3	1 unit of biology and 1 unit of a physical 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	Fine Art Survey, art, music, theater, stagecraft, theater dance
Oral Communications	0.5	
Career Focus	6.5	
TOTAL UNITS	22.5	

*** 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.

After two (2) weeks of a semester, students will not be allowed to change or drop courses. Students who withdraw from a class after four (4) weeks will receive an F for the semester grade.

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. **Students may only schedule one non-credit class per day.**

Eleventh and twelfth graders who are enrolled in an approved work program/Internship must be in attendance a minimum of five 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.

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

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, grades 9-12, will be counted in the GPA.

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

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

POINT VALUE

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

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

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

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

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

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

GRADUATION HONORS

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 also complete the following:

HONORS PROGRAM CURRICULUM

English	4 –Junior and Senior English must be Advanced level or higher
Math	4 –Algebra I & II and Geometry
Science	3 –Biology, and Chem, or Physics
Social Studies	3 –Civics/Gov't, W. Hist, Amer Hist
Foreign Lang.	2 –Must be the same language
Physical Educ.	$\frac{1}{2}$ -Maximum of one unit
Health	$\frac{1}{2}$
Oral Comm.	$\frac{1}{2}$
Fine Arts	$\frac{1}{2}$
Career Focus	4 $\frac{1}{2}$

Total Credits **22** $\frac{1}{2}$ **GPA 3.50 or better**

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

Beginning in the school year 2009-2010, a student must meet all End of Course (EOC) assessment requirements in order to receive credit for those courses.

General EOC assessments are given in Geometry, Biology, and 11th Grade English. Regardless of the grade earned in the course, students who do not perform at the "Proficient" level on the EOC assessment will be required to complete remediation in order to receive credit for the course.

A High Stakes EOC assessment shall be administered to all students enrolled in Algebra. This high stakes assessment has the same proficiency requirements as the General EOC assessments, with additional "pass" requirements. A student who fails to earn a pass score on the Algebra I High Stakes EOC assessment shall have remediation and multiple (3) opportunities to take and pass subsequent Algebra I EOC assessments. In grade 12, a student who has yet to pass a subsequent Algebra I EOC assessment, shall take and pass an alternative exit course in order to receive course credit. Failure to pass the initial EOC Algebra I assessment, any of the 3 subsequent assessments or the alternative exit course will result in a student failing to graduate with a high school diploma. (ACT 2243 of 2005)

WITHDRAWAL FROM PRE-AP/AP COURSES

Just as you have invested much time and effort in selecting your courses, much work has been involved in creating your schedule. It is with this in mind that we hesitate to make schedule changes regarding withdrawal of students from Pre-AP and 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 eight (8) days of the fall semester.
2. Students will only be allowed to withdraw at specified times:
 - During the first eight (8) days, students will be allowed to withdraw by counselor approval and parent signature.
 - During days nine (9) through twenty-two (22), students will be allowed to withdraw by teacher recommendation, counselor approval, and parent signature.
 - 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. The Director of Counseling will make the final decision.
6. 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.
7. Students are expected to continue attending and completing assignments in their current class until they have a new schedule showing the change.

8. Students allowed to withdraw are not guaranteed a specific teacher, lunch or period. The withdrawal may require major changes to current schedule.

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 for 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.

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.)

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)	

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 classes require teacher recommendation. This is the fastest paced and most difficult level offered.

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 some research will be included. The writing process will consist of rough drafts, revising, editing, and polishing the final copy. Writing styles will consist of sentence structures, paragraphs, essays, and letters, as well as work in research and media center skills.

41100P **English 10 Pre AP (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 writing, including an MLA style research paper. Skills needed for the AP Exam, PLAN, and SAT tests 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, descriptive, and persuasive essays. A survey of major American writers will be featured, including novels, short stories, poetry, and non-fiction. The writing process of drafting, revising, and editing will be followed, as well as vocabulary study focusing on literary terms and words from literature studied. Critical thinking skills, note

taking skills, and listening skills will be featured, along with increased responsibility for independent study and completion of homework.

41200A **English 11 Advanced (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. 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 is a college level course designed for high-ability language arts students. The course provides an in-depth study of a variety of literary works with an emphasis on nonfiction. Students should allow time for extensive outside reading as well as written assignments.

413000 **English 12 (12th)** 1 Year, 1 Unit

English 12 consists of a review of grammar as it relates to writing and to preparing for the ACT or SAT. 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 short stories. Writing includes longer expository, descriptive, and persuasive essays, and a research paper is required. Writing is completed using the process of drafting, revising, and editing. Further emphasis will be placed on critical thinking skills. Units on college entrance preparation and resume writing will be included. Long term assignments and homework place more independence on students.

41300A **English 12 Advanced (12th)** 1 Year, 1 Unit

English 12 Advanced follows the Arkansas frameworks for Senior English and consists of an intense college preparatory study including major British and classical

skills. **This course does NOT meet the Oral Communications requirement for graduation.**

415000 **Journalism I** (10th, 11th, 12th)
1 Year, 1 Unit

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

51503N **Newspaper I** (11th, 12th)
51504N **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.

51503Y **Yearbook I** (11th, 12th)
51504Y **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 and Spring

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

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 ACTAAP End of Course Algebra exam is given when the course is complete (unless course is being repeated).

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. Basic concepts of lines, planes and angles, properties of triangles, and theorems related to geometric figures such as triangles and circles are studied. A graphing calculator and geometry computer software will be used. The ACTAAP End of Course Geometry exam is given when the course is complete.

439030 **Algebraic Connections** (11th, 12th)
1 Year, 1 Unit
Prerequisite: Algebra I and Geometry
No credit for those who have taken Algebra II.

This course will provide opportunities to apply skills

acquired in previous math classes. Topics include variables and linear equations, graphs, operations with polynomials and exponents, real-world algebra applications, ratios, and the geometry of triangles and circles. Fundamental math and algebra skills will be reinforced. This class prepares students for Algebra II.

432000 **Algebra II** (10th, 11th, 12th)
1 Year, 1 Unit
Prerequisite: Algebra I and Geometry

Emphasis is given to the understanding and application of linear, quadratic, polynomial, and exponential equations. Other topics include complex numbers, logarithms, sequences and series, matrices, probability and statistics. Algebra II follows the successful completion of Algebra I and Geometry. College bound students should take this course. However, those who have struggled in Algebra I and Geometry should consider taking Algebraic Connections between Geometry and Algebra II.

43200P **Algebra II Pre AP** (10th)
1 Year, 1 Unit
Prerequisite: Geometry

Algebra II PAP follows the successful completion of Pre-AP Algebra I and Geometry. Students without a Pre-AP background should demonstrate outstanding performance in previous classes and have a teacher recommendation. This course covers a more advanced level of algebra and is recommended for college-bound students who enjoy mathematics and/or plan to take AP Calculus in high school. Emphasis is given to the understanding and

application of linear, quadratic, polynomial, rational and exponential equations. Other topics pursued are complex numbers, logarithms, conic sections, sequences and series, matrices, probability and statistics. This course is similar to course 432000, but will go into greater depth and may include additional topics.

439050 Transition to College Math (11th, 12th)

1 Year, 1 Unit

Prerequisite: Algebra II and Geometry

This course will be similar to the developmental courses taught at the college level for students who have scored lower than 19 on the math section of the ACT.

439070 Algebra III (11th, 12th)

1 Year, 1 Unit

Prerequisite: Algebra II and Geometry

This course is designed to enhance the higher level thinking skills developed in Algebra II. Basic concepts will increase the understanding of algebraic, linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions. It is an excellent prep course for college bound students. **Students may not take Algebra III and Pre Cal/Trig concurrently.**

433000 Pre Cal/Trigonometry (11th, 12th)

1 Year, 1 Unit

Prerequisite: Algebra II

This course builds on concepts from Algebra II. First semester includes functions (including polynomial and rational functions) and their graphs, exponential and logarithmic functions, and sequences and series. Second semester emphasizes trigonometry, but also includes conic sections. This class is more difficult than Algebra

II and will require more study time. **Students may not take Pre Cal/Trig and Algebra III concurrently.**

43300P Pre Cal/Trigonometry Pre AP (11th, 12th)

1 Year, 1 Unit

Prerequisite: Algebra I & II and Geometry, Teacher approval

This course is similar to 433000 above, but it will move faster and cover additional topics, including counting principles, probability and limits.

534040 AP Calculus AB (12th)

1 Year, 1 Unit

Prerequisite: Pre Cal/Trigonometry

AP Calculus is a college level course designed to develop the students' understanding of the concepts of limits, derivatives, and integrals and to provide experience with methods and applications. 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.

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.

420000 **Biology** (10th)

1 Year, 1 Unit

This is a life science course. The first semester centers on the biochemistry of living things and includes the study of the scientific method, the cell, the use of energy in living things and genetics. The second semester includes evolution, a study of the five kingdoms, and all human body systems. **This course is required for graduation.** The ACTAAP End of Course Biology exam is given when the course is complete.

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

1 Year, 1 Unit

This course is an advanced class which covers human anatomy, physiology, and botany in depth, as well as some biochemistry. It is a prerequisite for AP Biology.

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

1 Year, 1 Unit

Prerequisite: Biology Pre AP

AP Biology is a college level course designed to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Descriptive and experimental laboratory exercises provide maximum opportunity for students to learn a variety of skills and reinforce concepts and principles of biology covered in lecture, reading, and discussion. Through the AP Biology Exam, students may earn up to eight (8) hours of college credit. Students must complete the AP exam at the end of the year to receive weighted credit for the course.

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

1 Year, 1 Unit

This course is designed to give a more in-depth study of environmental topics from previous scientific studies such as earth science, biology and chemistry. Topics are Arkansas related whenever possible. Topics include, but are not limited to, mapping, water, weather, volcanoes, earthquakes, erosion, and wildlife management. Students

will be involved in developing Power Point presentations and other types of projects.

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

1 Year, 1 Unit

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

424012 **Botany/Zoology** (11th, 12th)

1 Year, 1 Unit

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

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

1 Year, 1 Unit

This course is designed for both college and tech-prep students who do not plan science majors or careers. Chemistry will involve the study of matter and energy in an issues-based context that emphasizes practical, real-life applications. The course will involve less math manipulations than Chemistry Pre AP, but will require a good understanding of algebraic principles. Due to the nature of the presentation, changes are not encouraged at semester between Chemistry and Chemistry Pre AP.

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

1 Year, 1 Unit

This course is designed for college-prep students who plan majors or careers in science, medicine or engineering. The properties and changes in matter are studied for a theoretical, practical and mathematical viewpoint. This course is designed to prepare students for AP Chemistry or a first-year college chemistry course. Due to the nature of the presentation, changes are not encouraged at semester between Chemistry and Chemistry Pre AP.

521030 **AP Chemistry** (12th)

1 Year, 1 Unit

Prerequisite: Chemistry

AP Chemistry is a college level course designed to complete and extend concepts for observed behavior of matter and energy. 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. Through the AP Chemistry Exam, students may earn up to eight (8) hours of college credit. Students must complete the AP exam at the end of the year to receive weighted credit for the course.

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

1 Year, 1 Unit

Prerequisite: Algebra II

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.

522030 **AP Physics B** (12th)

1 Year, 1 Unit

Prerequisite: Algebra and/or Trigonometry

AP Physics B is a college level course designed to provide advanced knowledge of the discipline of physics including: phenomenology, theories and techniques, concepts, generalized principles, and advanced problem solving by use of quantitative and qualitative reasoning. The course reflects the math based approach of a college level honors physics course; therefore, strong math skills are essential. Through the AP Physics B Exam, students may earn up to eight (8) hours of college credit. Students must complete the AP exam at the end of the year to receive weighted credit for the course.

Social Studies

472000 **Civics** (10th)

1 Semester, 1/2 Unit

Fall and 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 and Spring

Economics is a one-semester course that emphasizes economic fundamentals, microeconomics, macroeconomics, and personal financial management. Students 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. Economics stresses application, problem-solving, higher-order thinking skills, and use of classroom performance-based, open-ended assessments with rubrics.

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** (10th, 11th)

1 Year, 1 Unit

AP United States History is a college level course dating from the 15th century to the present. The course is designed to provide students with the analytical skills and enduring understanding necessary to deal critically with the problems and materials in U.S. history. Students learn to assess historical material and to weigh the evidence and interpretations presented in historical scholarship. Students should possess strong reading and writing skills and be willing to devote time for study and the completion of class assignments. Emphasis is placed on analytical writing, class discussion, use of primary sources, and critical reading. Through the AP United States History Exam, students may earn up to six (6) hours of college credit. Students must complete the AP exam at the end of the year to receive weighted credit for the course.

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

AP World History is a college level course dating from c. 1000 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. Students should possess strong reading and writing skills and be willing to devote time for study and the completion of class assignments. Emphasis is placed on analytical writing, class discussion, use of primary sources and critical reading. Through the AP World History Exam, students may earn up to six (6) hours of college credit. Students must complete the AP exam at the end of the year to receive weighted credit for the course.

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. Students should possess strong reading and writing skills and be willing to devote time for study and the completion of class assignments. Emphasis is placed on analytical writing, class discussion, use of primary sources and critical reading. Through the AP European History Exam, students may earn up to six (6) hours of college credit. Students must complete the AP exam at the end of the year to receive weighted credit for the course.

474400 **Psychology** (10th, 11th, 12th)
1 Semester, 1/2 Unit Fall and 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 and 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

440000 **Spanish I** (10th, 11th, 12th)
1 Year, 1 Unit

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

440020 **Spanish II** (10th, 11th, 12th)
1 Year, 1 Unit
Prerequisite: 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.**

44002P **Spanish II Pre AP** (10th, 11th, 12th)
1 Year, 1 Unit
Prerequisite: 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.

540030 **Spanish III** (11th, 12th)
1 Year, 1 Unit
Prerequisite: Spanish II Pre AP or teacher approval

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: Spanish III or teacher approval

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. Through the AP Spanish Language Exam, students may earn up to eight (8) hours of college credit. Students must complete the AP exam at the end of the year to receive weighted credit for the course.

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: 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 **French II Pre AP** (10th, 11th, 12th)
1 Year, 1 Unit
Prerequisite: 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.

541030 **French III** (11th, 12th)
1 Year, 1 Unit
Prerequisite: French II

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: French II Pre AP (Seniors)
French III (Juniors)

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. Through the AP French Language Exam, students may earn up to eight (8) hours of college credit. Students must complete the AP exam at the end of the year to receive weighted credit for the course.

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: 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 **German II Pre AP** (10th, 11th, 12th)
1 Year, 1 Unit
Prerequisite: 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.

542030 **German III** (11th, 12th)
1 Year, 1 Unit
Prerequisite: German II Pre AP or Teacher Approval

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: Ger II Pre AP (Srs) Ger III (Jrs)

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. Through the AP German Language Exam, students may earn up to eight (8) hours of college credit. Students must complete the AP exam at the end of the year to receive weighted credit for the course.

447000 **Chinese I** (10th, 11th, 12th)
1 Year, 1 Unit

Chinese I is a first year course in which students advance their knowledge of structure in the written and spoken language and expand cultural studies.

447010 **Chinese II** (11th, 12th)
1 Year, 1 Unit
Prerequisite: Chinese I

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

550010 Graphic Design I (11th, 12th)

1 Year, 1 Unit

Prerequisite: Art II

Students will use their art skills, design abilities and art knowledge in the computer lab. Students will learn how to operate some of the most popular professional graphic design application software to create all kinds of images for print and internet use. It is a perfect fusion of art and technology. A basic understanding of how to operate a computer is very helpful, but not essential.

550020 Graphic Design II (11th, 12th)

1 Year, 1 Unit

Prerequisite: Graphic Design I

Students will be involved in an advanced exploration of Illustrator and Photoshop with an introduction to PageMaker. The class will present a broad spectrum of real world design challenges based upon the material presented in Graphic Design I. 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

AP Studio Art is a college level course designed for advanced art students. Students will create original works of art and will plan and present a portfolio of work. Students will use critical thinking skills and concept development to create quality work which will include a concentrated area of study of media and technique. Students will exhibit a retrospective of their work at the annual art show, complete work within a time frame, and complete assignments outside of class. The list of materials necessary for this course is available upon request. Credit for AP Studio Art Drawing or AP Studio Art 2-D Design will be awarded based on the contents of the student portfolio. Through the AP Studio Art Portfolio, students may earn up to six (6) hours of college credit. Students must complete the AP portfolio at the end of the year in order to receive weighted credit for the course.

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. Through the AP Art History Exam, students may earn up to six (6) hours of college credit. Students must complete the AP exam at the end of the year to receive weighted credit for the course. **AP Art History meets the fine arts requirement for graduation.**

MUSIC

45100F **Instr. Music for the Non-Musician** Fall Only

45100S **Instr. Music for the Non-Musician** Spring Only

1 Semester, 1/2 Unit

(10th, 11th, 12th)

This course is designed for students that need to meet the Fine Arts credit for graduation. It is a hands-on class and will cover the woodwind, brass and percussion families of instruments as well as explore the string family. Students will learn basic music history as well as fundamental instruction on several musical instruments. Instruments will be provided for the students enrolled in this class.

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.

551010 **Jazz Band I** (10th)

1 Year, 1 Unit

551020 **Jazz Band II** (11th)

1 Year, 1 Unit

551030 **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.

452000 Vocal Music I (10th, 11th, 12th)
1 Year, 1 Unit

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.**

452040 Vocal Music II (10th, 11th, 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.

452050 Vocal Music III (11th, 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.

452060 Vocal Music IV (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.

452001 Vocal Music I: Cabot Singers (10th, 11th, 12th)
1 Year, 1 Unit

Cabot Singers is a performing group of students that enjoy singing but do not compete in events. This choir will sing locally and learn basic music skills in the vocal area. Some out-of-class events are required. **This course meets the Fine Arts requirement for graduation.**

559805 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.**

55911T Theater II (11th, 12th)
1 Year, 1 Unit

Prerequisite: Theater I, 2.0 GPA & teacher approval

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

55980D 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.**

55911S 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.**

559808 **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.**

559809 **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. **This course meets the Fine Arts requirement for graduation.**

Health and P.E.

480000 **Health and Safety** (10th, 11th, 12th)

1 Semester, 1/2 Unit

Fall and 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. 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.**

585011 **Wellness I** (10th, 11th, 12th)

1 Semester, 1/2 Unit

Spring Only

This course is for students participating in **football, volleyball or cross country**. It will be taken in the spring semester (off-season) 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. Students in this course will have opportunities to problem-solve by collecting and analyzing performance data and analyzing problems through writing activities and by drawing conclusions.

585013 **Wellness III** (10th, 11th, 12th)

1 Semester, 1/2 Unit

Fall Only

This course is for students participating in **basketball and track**. It will be taken in the fall semester (off-season) 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. Students in this course will have opportunities to problem-solve by collecting and analyzing performance data and analyzing problems through writing activities and by drawing conclusions.

Note: Only ½ credit of Wellness may be earned in grades 9-12. A maximum of one unit of physical education (including the ½ credit of Wellness if earned) may be counted toward graduation.

Miscellaneous Electives

496010 **Service Learning** (10th, 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** (10th, 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: Prior placement in G/T or Pre AP

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 (National Merit Semifinalist Qualifying Exam). Building an educated vocabulary is a key component of the class. The four core process goals addressed in G/T Seminar 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 ½ 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 \$42 per college hour or \$126 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

41300F Freshman English I (1003)

1 Semester, 1/2 Unit Fall Only
Prerequisite: 19 English ACT **and** 19 Reading ACT

Freshman English I stresses purposeful writing, self-expression, and the logical presentation of ideas. Emphasis will be placed on acceptable usage, original thought, and competence in rhetoric and the writing process. By studying sample essays a writing a variety of compositions, students will learn to write effectively. **This course will substitute for the first semester of English 12 for graduation.**

41300S Freshman English II (1013)

1 Semester, 1/2 Unit Spring Only
Prerequisite: Freshman English I

This course is a continuation of Freshman English I 10003 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 (1023) (12th)

1 Semester, 1/2 Unit Fall Only
Prerequisite: 19 Math ACT and Algebra II, one semester of Pre Cal/Trig or Algebra III

This course is a study of quadratics; polynomial, rational, logarithmic, and exponential functions; systems of equations; progressions; sequences and series; and matrices and determinants. **This course will count as a fourth year of math for unconditional enrollment in Arkansas and Arkansas Academic Challenge Scholarship, but will only count for ½ credit toward**

high school graduation. Students may take Statistics in the spring to complete a full year of high school math credit.

53990S College Algebra (1023) (12th)

1 Semester, 1/2 Unit Spring Only
Prerequisite: 19 Math ACT and Algebra II, one semester of Pre Cal/Trig or Algebra III

This course is a study of quadratics; polynomial, rational, logarithmic, and exponential functions; systems of equations; progressions; sequences and series; and matrices and determinants. **This course will count as a fourth year of math for unconditional enrollment in Arkansas and Arkansas Challenge Scholarship, but will only count for ½ credit toward high school graduation.** Students may take Algebra III in the fall to complete a full year of high school math credit.

439090 Statistics (12th)

1 Semester, 1/2 Unit Spring Only
Prerequisite: College Algebra

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.

MEDICAL

49532C College Intro to Psychology (11th, 12th)

1 Semester, ½ Unit Spring Only
Prerequisite: 19 Reading ACT

This course focuses on normal behavior and personality, abnormal behavior and personality, and behavior disorders and the therapies used to treat those disorders and abnormalities. Students will receive college credit for **PSY 2013.**

495280 **Pharmacy Tech Program** (12th)
 Prerequisite: Application, have transportation, and be able to leave after 4th period

The Pharmacy Tech Program is taught on the ASU Beebe Campus. Students will take 5 courses over two semesters. Fall courses are Pharmacy Medical and Drug

Terminology, Pharmacy Law, and Pharmacy Fundamentals. Spring courses are Pharmacy Math and Pharmacology I. Students successfully completing these courses will receive 15 hours of college credit. There is no cost for this credit. Application packets may be obtained through the High School office.

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.

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

Non-Credit Summer School

690040 **Drivers Education** NO CREDIT

This is a 6-week course offered in summer school only. The students are required to acquire 6 hours of driving time/experience and 30 hours of classroom instruction. Classroom instruction time covers information on the laws, signs, lights, insurance information, emergency information, responsibilities of a driver, and drug and alcohol influences. Practical experience is also given during classroom instruction regarding changing flat tires and checking fluid levels. The student acquires experience in all types of driving situations. Examples are city and interstate driving, open road, 2 lanes, 4 lanes, 5 lanes, curving roads, low shoulders, residential, etc.

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.

491150 **Agriculture Science & Technology** (10th)

1 Year, 1 Unit

Prerequisite: Jrs & Srs – Teacher approval

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

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

1 Semester, 1/2 Unit

Fall Only

Prerequisite: By application only

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. 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. Paired with Floriculture. Students in this course also participate in the PALS mentoring program.

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

1 Semester, 1/2 Unit

Spring Only

Prerequisite: By application only

This course covers the principles of design, merchandising, careers, selection, storage, supplies, management practices, ownership, and employment in the floriculture industry. Paired with Leadership &

Communications. Students in this course also participate in the PALS mentoring program.

491310 **Managing Natural Resources** (10th, 11th, 12th)

1 Semester, 1/2 Unit

Fall Only

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. Paired with Environmental Resources.

491230 **Environmental Resources** (10th, 11th, 12th)

1 Semester, 1/2 Unit

Spring Only

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. Paired with Managing Natural Resources.

491260 **Forestry** (10th, 11th, 12th)

1 Semester, 1/2 Unit

Fall Only

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. Paired with Aquaculture.

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

1 Semester, 1/2 Unit

Spring Only

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. Paired with Forestry.

491180 **Animal Science** (10th, 11th, 12th)

1 Semester, 1/2 Unit

Fall Only

Principles of animal nutrition, physiology, feeds and feeding, health, genetics, breeding, reproduction, care management, and marketing of all species of animals. Paired with Biological Animal Science.

491200 **Biological Animal Science** (10th, 11th, 12th)
1 Semester, 1/2 Unit Spring Only
Prerequisite: Animal Science

This course takes a scientific approach to animal agriculture. Students will conduct experiments and report findings, explore advances in genetic engineering, embryo transfer and the animal reproduction system. Animal product processing and safe handling of food products will also be covered. Paired with Animal Science.

491250 **Food Science Technology** (10th, 11th 12th)
1 Semester, 1/2 Unit Fall Only

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. Paired with Advanced Animal Science.

491010 **Advanced Animal Science** (10th, 11th, 12th)
1 Semester, 1/2 Unit Spring Only
Prerequisite: Animal Science

This course explores topics and current issues involving the scientific methods used in the production of animals consumed for food. Embryo transfer, physiology of nutrition and reproduction, health management, and careers in animal science will be covered. Paired with Food Science.

491280 **Intro to Horticultural Science** (10th, 11th 12th)
1 Semester, 1/2 Unit Fall Only
Prerequisite: by application only

Principles of horticulture and horticultural crops including the biology, propagation, classification of plants, the physiology of plants, and environmental factors affecting growth will be covered. Paired with Greenhouse Management. Students in this course also participate in the PALS mentoring program.

491270 **Greenhouse Management** (10th, 11th, 12th)
1 Semester, 1/2 Unit Spring Only
Prerequisite: by application only

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. Paired with Introduction to Horticultural Science. Students in this course also participate in the PALS mentoring program.

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

This course is a general overview of plant science. Basic plant systems and propagation methods are covered. Paired with Biological Plant Science.

491210 **Biological Plant Science** (10th, 11th, 12th)
1 Semester, 1/2 Unit Spring Only

This course is a scientific approach to plant science using scientific principles and applied management practices. An emphasis on selection and industry review will be based on scientific data. Paired with Plant Science.

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

This course is designed to provide the student with experience beyond the exploratory level in Agricultural Mechanics areas. The areas include: arc welding, oxyacetylene welding, cold metal work, sheet metal work, tool fitting, small gas engines, and sketching and drawing.

491380 **Agricultural Metals** (11th, 12th)
1 Year, 1 Unit
Prerequisite: Ag Mechanics

This course covers safety and technical information in agricultural metal fabrication. Students will have the opportunity to gain hands-on skills in cold metal work, welding, and cutting.

491410 **Agricultural Structural Sys** (10th, 11th, 12th)
1 Year, 1 Unit
Prerequisite: Ag Mechanics

Students will be introduced to basic practices used in farm building and construction of facilities for the farm. Topics include FFA, SAEs, safety, planning, tools, basic construction, surveying, concrete and masonry structures, basic carpentry, plumbing, electricity, metal fabrication, and painting and finishing.

AIR FORCE JROTC

AFJROTC objectives are to educate and train high school cadets in citizenship, promote community service, instill responsibility, character, self-discipline, and provide instruction in air and space fundamentals. All courses include leadership activities where students learn drill and ceremony, proper wear of the uniform, and how to serve as leaders and followers. Students will have opportunities to communicate effectively through speeches and briefings. After-school activities provide the proving ground for new leadership skills in events such as, drill & rifle team, color guard, physical training and management of cadet corp. AFJROTC cadets participate in a wellness program designed to motivate students to live active, healthy lifestyles through physical training. Uniforms are provided by the Air Force. All cadets are required to wear the uniform according to Air Force standards. UNIFORMS ARE REQUIRED TO BE WORN ALL DAY ONCE A WEEK.

495760 **Air Force ROTC I** (9th)

1 Year, 1 Unit

The first-year course is a journey into aviation history designed to familiarize students with the historical development of flight, the role of the military in history, and the make-up of the aerospace community and the United States Air Force. Students will review the development of flight from ancient legends through the Iraqi War. Students are introduced to military customs and courtesies, flag etiquette, health and fitness, and basic drill and ceremonies. Life skills debates, discussions and activities will occur on a regular basis. Cadets have the opportunity to participate in overnight field trips, orienteering competitions, incentive flights, military base visits, paintball challenges and other events designed to build teamwork and camaraderie.

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

1 Year, 1 Unit

The second-year course is a science course designed to educate the student about the aerospace environment, the human requirements of flight, principles of the aircraft flight, and principles of navigation. Cadets will participate in leadership development, communication skills and cadet corps activities. Written reports and speeches compliment the academic curriculum. Character discussions and peer group evaluations will be conducted. Model rockets are built and launched. Additionally, cadets will be introduced to global and cultural studies. Each cadet will be evaluated on how to execute drill maneuvers and participate in a fitness program. Cadets have the opportunity to participate in overnight field trips, orienteering competitions, incentive flights, military base visits, paintball challenges and other events designed to build teamwork and camaraderie.

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

1 Year, 1 Unit

The third-year course is a course in Cultural Studies which introduces cadets to global awareness. This is a customized course about the world's cultures. This course is specifically designed for the Air Force Junior ROTC program. It introduces students to the world's cultures through the study of world affairs, regional studies and cultural awareness. The course delves into history, geography, religions, languages, culture, political systems, economics, social issues, environmental concerns and human rights. Leadership's focus is life skills. This will assist students deciding which path to take after high school. Subjects covered include: admission into higher education programs, job searching, resume writing, financial planning and citizenship responsibilities. Character discussions and peer group evaluations will be conducted. Additionally, survival instruction will be covered. Training will be provided in skills, knowledge, and attitudes necessary to successfully

perform fundamental tasks needed for survival. A fitness program is conducted once per week. Cadets have the opportunity to participate in overnight field trips, orienteering competitions, incentive flights, military base visits, paintball challenges and other events designed to build teamwork and camaraderie.

495880 **Air Force ROTC IV** (12th)

1 Year, 1 Unit

The fourth-year course focuses on the management of the cadet corps allowing the cadets to manage and lead the entire corps. This is hands-on experience through drill meets, community activities, physical training and special projects. Emphasis is placed on allowing the student to see himself/herself as a leader through management techniques, decisions, activities, and following others. Character discussions and peer group evaluations will be conducted. Other topics include: leadership traits, communication skills, military service, job searching, and college preparation. A fitness program is conducted once per week. Cadets have the opportunity to participate in overnight field trips, orienteering competitions, incentive flights, military base visits, paintball challenges and other events designed to build teamwork and camaraderie.

AUTOMOTIVE TECHNOLOGY

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

1 Year, 1 Unit

This course is an introductory class for Automotive Technology. 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. Instruction will include units on hydraulic system diagnosis and repair, drum brake diagnosis and repair, and disc brake diagnosis and repair. 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

Suspension & Steering and Electrical Systems will be a two-hour class in which students concentrate on Engine Repair and Electronics. Students will be involved in hands-on activities through the actual repair of automobiles. **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.

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.

The Cabot High School Broadcasting program is designed to give practical knowledge in preparation for the pursuit of a career in Mass Communications with an emphasis on Television and Video/Audio Production. 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

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 493453 Advanced TV Lab and taught in a two-hour block.)**

BUSINESS

493880 Workplace Readiness (11th, 12th)

1 Semester, 1/2 Unit

Fall and Spring

This course provides a comprehensive curriculum that teaches problem solving, teamwork and self-management skills, and prepares students for the changing workplace.

492240 Introduction to Finance (10th, 11th, 12th)

1 Semester, 1/2 Unit

Fall Only

Introduction to Finance focuses on the individual's role and the financial responsibilities as a student, citizen, consumer, and active participant in the business world. It informs students of their various financial responsibilities.

492210 Insurance & Risk Management (10th, 11th, 12th)

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
Professional and Technical Approved Course –
Accounting Track

Computerized Accounting I is a two-semester course with emphasis on basic accounting principles as they relate to both manual and computerized financial systems.

492110 **Computerized Accounting II** (11th, 12th)
1 Year, 1 Unit
Prerequisite: Computerized Accounting I
Professional and Technical Approved Course –
Accounting Track

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 **DC I-Digital Layout & Design** (10th, 11th, 12th)
1 Semester, 1/2 Unit Fall Only
Professional and Technical Approved Course –
Applications Track

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 **DC II-Digital Imaging** (10th, 11th, 12th)
1 Semester, 1/2 Unit Spring Only
Prerequisite: DC I
Professional and Technical Approved Course –
Applications Track

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 **DC III – Digital Media** (10th, 11th, 12th)
1 Semester, 1/2 Unit Fall Only
Prerequisite: Computer Applications I & II
Professional and Technical Approved Course –
Applications Track

Digital Media (DC III) is a one-semester course. 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 **DC IV-Digital Audio/Visual Production**(10th, 11th, 12th)
1 Semester, 1/2 Unit Spring Only
Prerequisite: Multimedia Applications I
Professional and Technical Approved Course –
Applications Track

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 Multimedia. 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.

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

Computer Applications I is a one-semester, **self-paced, competency-based course**. All assignments required for this course 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. This course is designed to provide students with the fundamental computer skills necessary to do well in high school and needed in virtually all jobs today. In the area of word processing students will learn the fundamental skills necessary to create and edit the most widely used documents and use the most commonly used features of a word processor, such as bullets, numbered lists, special character, borders and shading, fonts, and paragraph and line searching. The fundamentals in the use of scanners, graphics, and Word Art are applied to documents. Internet searching skills and citing Internet sources are stressed with these applied to a simple PowerPoint presentation. In the area of

spreadsheets, students will be expected to create and edit simple spreadsheets, using basic formulas and functions, and create a simple graph or chart. **To receive credit, students must complete all required assignments and achieve 80% or greater on each assignment and test.**

492500 **Computer Applications II** (10th, 11th, 12th)
1 Semester, 1/2 Credit Fall and Spring
Prerequisite: Computer Applications I

Computer Applications II is a one-semester, **self-paced, competency-based** course. All assignments required for this course 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. This course is designed to provide students with the intermediate computer skills necessary to do well in high school and needed in most jobs today. 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. **To receive credit, students must complete all required assignments and achieve 80% or greater on each assignment and test.**

492510 **Computer Applications III** (10th, 11th, 12th)
1 Semester, 1/2 Credit Fall and Spring
Prerequisite: Computer Applications II

Computer Applications III is a one-semester, **self-paced, competency-based** course. All assignments required for this course 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. This course is designed to provide students with the computer skills necessary to do well in college and needed in most jobs today. Students will learn techniques that will allow them to create simple to intermediate desktop publishing documents; create, access and edit databases; use email efficiently and ethically; create advanced electronic presentations; and create web pages using web-page design software. They will continue their Internet research, applying it to advanced electronic presentations and the web pages they create. **To receive credit, students must complete all required assignments and achieve 80% or greater on each assignment and test.**

492650 **Web Design I** (10th, 11th, 12th)
1 Year, 1 Unit
Prerequisite: CA I with Teacher Recommendation
Professional and Technical Approved Course –
Web Design Track

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. Students will be introduced to Project Management skills that are core skills required in today's team work environment. 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. Upon successful completion of these exams students will be awarded an industry certification for Web Design.

492660 **Web Design II** (11th, 12th)
1 Year, 1 Unit
Prerequisite: Web Design I
Professional and Technical Approved Course –
Web Design Track

This course is the second level of Web Page Design. 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. This course provides students the opportunity to acquire fundamental skills in both theory and practical application of Web design. Students will have the opportunity to complete the final level of industry certification exams giving the student national certification in Web Design.

493780 **JAG I-Jobs for Arkansas Graduates** (11th, 12th)
Prerequisite: Consent of coordinator and completed application

Students must meet specific state guidelines to be eligible for this program. 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 is recommended.

493860 **Internship** (11th, 12th)
Prerequisite: 2 units in a major career focus content area, consent of coordinator and teacher recommendation

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.

CONSTRUCTION TECHNOLOGY

494480 **Construction Fundamentals** (9th, 10th, 11th)
1 Year, 1 Unit

Fundamentals of Construction is the required introductory course to Construction Technology. Areas covered will include: starting a business, job advantages, safety and basic first aid, basic math, measuring, basic plan reading, builder's level and transit, site layout, tools and equipment, ladders and scaffolds, and rigging and material handling. Hands-on projects will include frame modeling or storage shed building, hand tool demonstrations, and safe use of hand power tools. Maintenance and care of tools will also be emphasized. Students must successfully complete a safety course of study in order to advance into second year.

494460 **Carpentry** (10th, 11th, 12th)
1 Year, 1 Unit
Prerequisite: Construction Fundamentals

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. Job site trips will also be used to observe building during different phases of construction. Maintenance and care of tools and equipment will also be emphasized. Tools and safety in specialty areas will be taught with each area offered during second year. Projects will be live where applicable to the program. Local business will become more of a participant in the program through contacts at site, classroom, or personnel. Financial aspects of business, loans, sales, materials, accounts and license will also be covered.

494500 **Electricity** (11th, 12th)
1 Year, 2 Units
Prerequisite: Construction Fundamentals,
Carpentry and teacher recommendation

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

494510 **Plumbing** (11th, 12th)
1 Year, 2 Units
Prerequisite: Construction Fundamentals,
Carpentry and teacher recommendation

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

460010 **EAST Initiative I** (10th, 11th)
1 Year, 1 Unit

We believe our students will change the world. EAST is an educational initiative—we're 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 communities, and they work to meet those needs. EAST students are unique, however, in that they apply the latest in technology to these problems. Giving students access to this technology has had an amazing effect. 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. And you know what? They can begin to enjoy learning. 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.

560020 **EAST Initiative II** (11th, 12th)
1 Year, 1 Unit
Prerequisite: EAST I with a "C" 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 presentation in class and will have requirements that will cause them to work outside of the classroom and outside of the regular school day.

560030 **EAST Initiative III** (12th)
1 Year, 1 Unit
Prerequisite: EAST II with a "C" 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 professional 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 presentation in class and will have requirements that will cause them to work outside of the classroom and outside of the regular school day.

ENGINEERING SCIENCES

Cabot High Academy of Engineering Sciences

The following Engineering Courses may be taken by any student who has met the prerequisites. Many students also choose to become a part of the Engineering Academy. The Academy offers a club membership, job-shadowing, an Engineering Honors program, field trips, and more. To join the Academy, simply take an Engineering course and take advantage of the opportunities.

495480 Intro to Engineering Design (10th, 11th, 12th)
1 Year, 1 Unit

Introduction to Engineering Design emphasizes the development of a design. Students use 3-D computer software to produce, analyze and evaluate models of project solutions. They study the design concepts of form and function, and then use state-of-the-art technology to translate conceptual designs into reproducible products. The course teaches students to: understand and apply the design process to solve various problems in a team setting, apply adaptive design concepts in developing sketches, features, parts and assemblies, interpret their own sketches in using computer software to design models, understand mass property calculations and how they are used to elevate a parametric model, understand cost analysis, quality control, staffing needs, packaging and product marketing, explore career opportunities in design engineering and understand what skills and education these jobs require, and develop portfolios to display their designs and present them properly to peers, instructors and professionals. Students are required to work alone.

495460 Digital Electronics (10th, 11th, 12th)
1 Year, 1 Unit
Prerequisite: "C" or better in IED

Digital Electronics is a course in applied logic that encompasses 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.

495490 Principles of Engineering (11th, 12th)
1 Year, 1 Unit

Prerequisite: "C" or better in IED, DE, "C" or better in Alg II or current enrolled in Alg II with a "C" average

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.

495440 Civil Engineering & Architecture (11th, 12th)
1 Year, 1 Unit
Prerequisite: "C" or better in IED, DE, and 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.

495470 Engineering Design and Development (12th)
1 Year, 1 Unit
Prerequisite: "C" or better in IED, DE, and POE

In this course, students will work in teams of two to four to design and construct the solution to an engineering problem, applying the principles developed in the preceding four courses. The problem may be selected from a database of engineering problems, be a recognized national challenge, or be an original engineering problem identified by the team and approved by the instructor. The problems will involve a wide range of engineering applications (e.g., a school robomascot, automated solar water heater, remote control hover craft). Students will maintain a journal as part of a portfolio of their work. Each team will be responsible for delivering progress reports and making final presentations of its project for an outside review panel.

FAMILY & CONSUMER SCIENCES EDUCATION

493010 Child Care Guid, Mgt, & Services (11th, 12th)
1 Year, 1 Unit
Prerequisite: Child Development, Parenting and Consent of Instructor

This course is designed to provide students with information and experiences in the occupational field of child care guidance, management and services. Upon completion of this course, a student should have a better understanding of children and their development and have enhanced employability skills that will be of benefit

regardless of his/her chosen occupation or career.

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

1 Semester, 1/2 Unit Spring Only

Child Development consists of helping students understand the challenges and responsibilities of guiding the physical, social, emotional, and intellectual development of children. Understanding children, their world, and the forces which influence them helps the adolescent gain self-understanding.

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

1 Year, 1 Unit

Family and Consumer Science is designed to provide students with basic information and skills needed to function effectively within the family and within a changing, complex society. Emphasis is given to the development of competencies related to Family, Career and Community Leaders of America; individual and family relationships; arrangement of personal living space; wardrobe planning and selection; garment care and construction; selection of toys and age-appropriate play activities for children; health and safety procedures related to child care; nutrition and food selection; meal planning, preparation, and service; home management; money management; use of credit and banking services; consumer education; computer use at home, in school, and in the workplace; and career skills. Upon completion of this course, the student should have developed basic life skills that promote a positive influence on the quality of life.

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

1 Semester, 1/2 Unit Fall Only

In addition to nutrition, meal planning, and preparation of a variety of foods, this course includes cultural and socio-economic influences on food and psychological satisfaction from food. Time is devoted to good consumer practices, protective measures for the safety of food, kitchen management, and occupational opportunities in food service.

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

1 Semester, 1/2 Unit Spring Only

Housing and Interior Design focuses on personal and family housing needs, options for meeting those needs, and the role of the housing industry in the economy. 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. Upon completion of this

course, a student should be prepared to make wise decisions in obtaining and maintaining personal and family shelter.

493150 **Human Relations** (10th, 11th, 12th)

1 Semester, 1/2 Unit Spring Only

Human Relations focuses on the development of skills needed in order to build and maintain successful relationships in the home, community, and workplace. Emphasis is given to the development of competencies related to personality development, decision making, communications, relationships outside the family, and careers in the field of human relations. Upon completion of this course, the student should have a better understanding of self, know how to communicate effectively, and be able to establish and maintain effective relationships with family members, peers, and others.

493190 **Personal & Family Finance** (10th, 11th, 12th)

1 Semester, 1/2 Unit Spring Only

Personal and Family Finance is a study of resources available to individuals and families to meet their needs and goals. Students will learn how to manage resources for family life including money management, credit, and investment. Students will also learn about consumer resources they have available to them and will research possible career options. Students will develop skills to manage the changes of life now and in the future.

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

1 Semester, 1/2 Unit Fall Only

Nutrition and Wellness emphasizes the interaction of nutrition, foods, sports and exercise for lifelong fitness and well-being of individuals and families. The course focuses on nutrition as it relates to wellness, sports nutrition and food choices throughout the life span. Teaching responsible eating and exercise habits helps students make wise decisions about food choices for active living and weight maintenance. Current technology is used to encourage students to be active learners and develop critical thinking skills to evaluate relevant nutrition and wellness information. In addition, academic skills in the areas of math, science, language arts and social studies are reinforced.

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

1 Semester, 1/2 Unit Fall Only

Experiences in the Parenting course are designed to assist students in developing an understanding of the parenting process and of parenting skills. Competencies developed in this course will be useful to anyone who lives with, associates with, or works with children. Emphasis in this course is given to the development of competencies related to the parenthood decision, costs of having and raising a child, child growth and development, effects of

heredity and environment on development, rights and responsibilities of parents and children, providing nurturance, guidance techniques for promoting positive behavior, prevention of child abuse and neglect, promoting health and safety of children, caring for the sick or injured child, parenting a “special needs” child, helping children cope with crises, choosing professionals to help with parenting problems, selection of child-care services, jobs and careers in child and family services. Upon completion of this course, a student should possess skills necessary to provide quality care for children—as a parent, as one employed to care for children, or as one who interacts with children in other settings.

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 as future teachers. Upon completion of this course, a student should have a better understanding of the roles of the teacher in the profession, understand developmental characteristics of learners, identify teaching strategies, be creative in lesson delivery, and understand historical and current educational issues, policies, and practices. Seniors will receive priority scheduling.

493290 Orientation to Teaching II (12th)

1 Year, 1 Unit

Prerequisite: Orientation to Teaching I

This course is designed to integrate the psychological, sociological, and philosophical foundations which prepare students for positive field experiences in teaching. 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. Upon completion of this course, a student should have a working knowledge of and employability skills for the education profession. The student will have the opportunity to obtain a paraprofessional certification.

HEALTH SERVICES (Medical Academy)

Medical Academy of Cabot High School (MACH I)

The following Medical Professions courses may be taken by any student as long as they meet the prerequisites. Many students also choose to become a part of the Medical Academy. 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 and take advantage of these other opportunities.

495340 Intro to Medical Professions (10th)

1 Semester, ½ 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. In this comprehensive course, emphasis is given to the development of competencies related to selected student vocational organizations, study skills and personal qualities. 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 (10th)

1 Semester, ½ 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 (11th, 12th)

1 Semester, ½ Unit

Fall Only

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 (11th, 12th)

1 Semester, ½ Unit

Spring Only

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

This course is devoted to the exploration of human pathology. Pathology is the branch of medical science that studies the causes, nature, and effects of diseases. This course of study begins with an introduction to pathology-related terms, predisposing factors of diseases, the relationship between diagnosis and prognosis, and disease treatments. Following the introduction, the course delves into a range of pathology-related topics and their relationships to specific systems of the human body. The topics include signs and symptoms of pathology, the effects of trauma, the effects of age, and characteristics of common diseases.

495360 Medical Terminology (11th, 12th)

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.

495320 **Human Behavior and Disorders** (11th, 12th)
1 Semester, ½ Unit Spring Only

This course focuses on normal behavior and personality, abnormal behavior and personality, and behavior disorders and the therapies used to treat those disorders and abnormalities. **Students desiring concurrent credit should register for 49532C. (See page 22.)**

495370 **Abnormal Psychology** (11th, 12th)
1 Semester, ½ Unit Fall and Spring

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

494050 **Sports Medicine I** (10th, 11th, 12th)
1 Semester, ½ Unit Fall Only
Prerequisite: Intro to Medical Professions (may be concurrently enrolled)

Sports Medicine I 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. Students will gain an understanding of sports medicine and the role it plays in the athletic community. Students will have the opportunity to work with various professionals in the field. 20 observation hours are required for completion.

494060 **Sports Medicine II** (10th, 11th, 12th)
1 Semester, ½ Unit Spring Only
Prerequisite: Sports Medicine I & Medical Terminology (may be concurrently enrolled)

Sports Medicine II provides students with an in-depth view of the world of sports medicine from the perspective of the Certified Athletic Trainer in terms of interacting with the healthcare community in various areas such as emergency situations, physiology and biomechanics of injury as well as injury prevention, treatment, rehabilitation and pharmacology. Students will have the opportunity to work with athletic trainers in different settings as well as earn certification First Aid and CPR/AED. Students must complete 40 observation hours of observation to fulfill the requirements of this course.

494070 **Sports Medicine III** (11th, 12th)
1 Year, 1 Unit
Prerequisite: Sports Medicine II, Anatomy & Physiology and Instructor Approval

Sports Medicine III, 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. Students must complete a minimum of 80 hours of extracurricular participation as a student athletic trainer to fulfill the requirements of this course.

424030 **Anatomy & Physiology** (11th, 12th)
1 Year, 1 Unit

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

Pharmacy Tech Program – See page 23.

LAW AND PUBLIC SAFETY

494620 **Intro to Criminal Justice** (10th, 11th)
1 Year, 1 Unit

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

494630 **Law Enforcement Fundamentals I** (11th, 12th)
1 Year, 1 Unit
Prerequisite: Intro to Criminal Justice

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

494600 **Law Enforcement Fundamentals II** (12th)
1 Year, 1 Unit
Prerequisite: Law Enforcement Fundamentals I

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

<u>CHS Course</u>	<u>ASU-Beebe Course</u>	<u>Credit</u>
491280 Intro. to Horticulture AND 491270 Greenhouse Management	HORT 2203 General Horticulture	3
491180 Animal Science AND 491200 Biological Animal Science	ANSC 1204 Intro to Animal Science	4
491340 Plant Science AND 491210 Biological Plant Science	PSSC 1303 Intro. to Plant Science	3
491070 Agricultural Metals I/II	WELD 1004 Shielded Metal Arc Welding WELD 1304 Metal Fabrication	4 4

Pulaski Technical College Articulated Credit

<u>CHS Course</u>	<u>PTC Course</u>	<u>Credit</u>
491070 Agri Metals I/II	WLD 1104 Basic Welding	4

Automotive Service Technology

ASU-Beebe Articulated Credit

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

Pulaski Technical College Articulated Credit (Automotive)

<u>CHS Course</u>	<u>PTC Course</u>	<u>Credit</u>
494180 Brakes	AST 1405 Automotive Brake Systems	5
494210 Suspension and Steering	AST 2105 Chassis and Steering	5
494190 Electrical Systems	AST 2409 Electrical Fundamentals	9
494200 Engine Performance	AST 2210 Engine Performance	10

Business Technology

ASU-Beebe Articulated Credit

<u>CHS Course</u>	<u>ASU-Beebe Course</u>	<u>Credit</u>
492100 Computerized Accounting I AND 492110 Computerized Accounting II	ACCT 2003 Principles of Accounting I	3
492150 Desktop Publishing I AND 492160 Desktop Publishing II	CIS 2813 Desktop Publishing I	3
492490 Computer Applications I AND 492500 Computer Applications II AND 492510 Computer Applications III	CIS 1503 Microcomputer Applications I	3
492320 Management	MGMT 2003 Introduction to Management	3
492650 Web Design I	CST 1154 Intro to Microcomputer Programming 4 OR CIS 2013 Web Page Design	4 3

Pulaski Technical College Articulated Credit

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

Construction Trades

Pulaski Technical College Articulated Credit

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

Criminal Justice

ASU-Beebe Articulated Credit

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

ITT Tech Articulated Credit

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

Engineering

Arkansas Tech University Articulated Credit

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

Pulaski Technical College Articulated Credit

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

ITT Tech Articulated Credit

<u>CHS Course</u>	<u>ITT Tech Course</u>	<u>Credit</u>
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

<u>CHS Course</u>	<u>ASU-Beebe Course</u>	<u>Credit</u>
493020 Child Development	ECH 1103 Child Growth and Development	3
493010 Childcare Guidance, Management and Services	ECH 2013 Survey of Early Childhood	3

Medical Professions

ASU-Beebe Articulated Credit

<u>CHS Course</u>	<u>ASU-Beebe Course</u>	<u>Credit</u>
495320 Hum Beh & Disorders	PSY 2013 Introduction to Psychology	3

Pulaski Technical College Articulated Credit

<u>CHS Course</u>	<u>PTC Course</u>	<u>Credit</u>
495360 Medical Terminology AND 429011 Anatomy and Physiology	MET 1103 Medical Terminology I	3

ASU-Searcy Concurrent Credit

495280 Pharmacy Tech. Fundamentals 495280 Pharmacy Tech. Fundamentals 15

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:

<u>CHS Course</u>	<u>ASU Course</u>	<u>Credit</u>
430000 Algebra I (must score at least 17 on the ACT Math or 26 on COMPASS Math) <i>* Intro to Technical Math is a required course for Auto Body Repair, Automotive Technology, Diesel Technology and Welding technical certificates.</i>	MTH 1003 Intro to Technical Math	3*
432000 Algebra II	MTH 1103 Intro to Algebra	3*
	MTH 2003 Technical Math	3*
	MTH 2103 Adv. Technical Math	3*
	MTH 2203 Intro to Trigonometry	3*
(must have ACT Math score of 19 or 41 on COMPASS Math) <i>*Departments requiring one or more of these courses are: Air Conditioning, Industrial Electronics, Machine Technology, and Computer Network & Repair technical certificates.</i>		

<u>CHS Course</u>	<u>Pulaski Tech Course</u>	<u>Credit</u>
430000 Algebra I AND 431000 Geometry AND 432000 Algebra II	MTH 1103 Technical Math	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 (3 pathways)

Health Sciences (Medical Academy)

Law and Public Safety

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

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

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

Note: Environmental and Spatial Technology (EAST) may be approved as and 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

Agriculture Science and Technology	(1 credit)
Agricultural Mechanics	(1 credit)
Agricultural Elective(s)	(1 credit)

Animal Systems Pathway

Agriculture Science and Technology	(1 credit)
Animal Science	(.5 credit)
Biological Animal Science	(.5 credit)
Agricultural Elective(s)	(1 credit)

Plant Systems (Biological) Pathway

Agriculture Science and Technology	(1 credit)
Plant Science	(.5 credit)
Biological Plant Science	(.5 credit)
Agricultural Elective(s)	(1 credit)

Plant Systems (Horticulture) Pathway

Agriculture Science and Technology	(1 credit)
Greenhouse Management	(.5 credit)
Introduction to Horticulture	(.5 credit)
Agricultural Elective(s)	(1 credit)

Natural Resources Systems/Environmental Service Systems Pathway

Agriculture Science and Technology	(1 credit)
Managing Our Natural Resources	(.5 credit)
Environmental Resources	(.5 credit)
Agricultural Elective(s)	(1 credit)

Agricultural Electives

Agricultural Mechanics	(1 credit)	Environmental Resources	(.5 credit)
Agricultural Metals I	(1 credit)	Floriculture	(.5 credit)
Advanced Animal Science	(.5 credit)	Forestry	(.5 credit)
Agricultural Structures	(1 credit)	Greenhouse Management	(.5 credit)
Animal Science	(.5 credit)	Introduction to Horticulture	(.5 credit)
Aquaculture	(.5 credit)	Leadership/Communications	(.5 credit)
Biological Animal Science	(.5 credit)	Managing Natural Resources	(.5 credit)
Biological Plant Science	(.5 credit)	Plant Science	(.5 credit)

Air Force Junior ROTC

National Security Pathway

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

AFROTC Electives

Air Force JROTC IV	(1 credit)
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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)

Broadcasting Elective:

Advanced Television	(2 credits)
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Business Education

Desktop Publishing Pathway

Computer Applications I	(.5 credit)
Computer Applications II	(.5 credit)
Desktop Publishing I	(.5 credit)
Desktop Publishing II	(.5 credit)
Business elective(s)	(1 credit)

Finance 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 or Bus Law I & II	(1 credit)

Insurance Pathway

Computer Applications I	(.5 credit)
Computer Applications II	(.5 credit)
Computerized Accounting I	(1 credit)
Introduction to Finance	(.5 credit)
Insurance and Risk Management	(.5 credit)

Multimedia Pathway

Computer Applications I	(.5 credit)
Computer Applications II	(.5 credit)
Multimedia I	(.5 credit)
Multimedia II	(.5 credit)
Business elective(s)	(1 credit)
<u>Suggested Elective</u> <i>Desktop Publishing I</i>	(.5 credit)

Web Design Pathway

Web Design I - Foundations	(1 credit)
Web Design II - Site Designer	(1 credit)
Business Elective(s)	(1 credit)

Business Electives

Computerized Accounting I	(1 credit)	EAST I	(1 credit)
Computerized Accounting II	(1 credit)	EAST II	(1 credit)
Introduction to Finance	(.5 credit)	EAST III	(1 credit)
Insurance and Risk Management	(.5 credit)	Internship	(1- 4 credits)
Business Law I	(.5 credit)	JAG	(1 credit)
Business Law II	(.5 credit)	Management	(1 credit)
Computer Applications I	(.5 credit)	Multimedia I	(.5 credit)
Computer Applications II	(.5 credit)	Multimedia II	(.5 credit)
Computer Applications III	(.5 credit)	Web Design I	(1 credit)
Desktop Publishing I	(.5 credit)	Web Design II	(1 credit)
Desktop Publishing II	(.5 credit)	Workplace Readiness	(.5 credit)

Construction Technology

Construction Technology Pathway

Carpentry	(1 credit)
<i>NOTE: Carpentry is a 2 credit course but only one can be used toward being a Completer.</i>	
Construction Electives	(2 credits)

Construction Electives

Construction Fundamentals	(1 credit) (9 th grade only)
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)

Engineering Electives

Digital Electronics	(1 credit)
Civil Engineering and Architecture	(1 credit)
Engineering Design and Development	(1 credit)

Family and Consumer Sciences

Family and Consumer Sciences Education Pathway

Family and Consumer Science Class	(1 credit)
FACS Elective(s)	(2 credits)

Child Care Guidance, Management & Services Pathway

Child Development	(.5 credit)
Parenting	(.5 credit)
Child Care Guidance, Mgmt and Services	(1 credit)
FACS Elective(s)	(1 credit)

Education and Training Pathway

Child Development	(.5 credit)
Orientation to Teaching I	(1 credit)
FACS Electives	(1.5 credits)

FACS Electives

Family & Consumer Sciences	(1 credit)
Personal and Family Finance	(.5 credit)
Food and Nutrition	(.5 credit)
Nutrition and Wellness	(.5 credit)
Child Development	(.5 credit)
Parenting	(.5 credit)
Housing and Interior Design	(.5 credit)
Human Relations	(.5 credit)
Orientation to Teaching II	(1 credit)

Health Sciences (Medical Academy)

Medical Professions Pathway

Introduction to Medical Professions	(.5 credit)
Anatomy and Physiology	(1 credit)
Electives	(1.5 credits)

Medical Professions Electives

Medical Procedures	(.5 credit)
Medical Procedures Expanded	(.5 credit)
Medical Terminology	(.5 credit)
Abnormal Psychology	(.5 credit)
Human Behavior and Disorders	(.5 credit)
Pathology	(.5 credit)
Sports Medicine I	(.5 credit)
Sports Medicine II	(.5 credit)
Sports Medicine III	(1 credit)
Pharmacy Tech	(2 credits)

Law and Public Safety

Criminal Justice Pathway

Introduction to Criminal Justice	(1 credit)
Fundamentals of Law Enforcement I	(1 credit)
Fund. of Law Enforcement II	(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.

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.

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 ACTAAP End of Course Algebra exam, a test required by the state, is given when the course is complete.

43100P Geometry Pre-AP 1 Year, 1 Unit

Prerequisite: 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 ACTAAP End of Course Geometry exam, a test required by the state, is given when the course is complete.

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

This course will cover the same basic subject matter as the regular physical science but the areas of study are covered in greater depth with an emphasis on self-directed, independent study/inquiry two days a week.

Social Studies

473000 **Arkansas History**

1 Semester, 1/2 Unit

Fall and 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 Only

Prerequisite: Recommendation from GT Director

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

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

474300 **Economics**

1 Semester, 1/2 Unit

Spring Only

Prerequisite: Recommendation from GT Director

Economics is a one-semester course that emphasizes economic fundamentals, microeconomics, macroeconomics, and personal financial management. Students 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. Additionally, students will examine the relationship between individual choices and the direct influence of these choices on occupational goals and future earnings potential. Economics stresses application, problem-solving, higher-order thinking skills, and use of classroom performance-based, open-ended assessments with rubrics. **This course will be paired with 47200P Civics Pre-AP.**

Academic Electives

414000 **Oral Communications**

1 Semester, 1/2 Unit

Fall and 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.** (Paired with 480000 Health and Safety.)

450000 **Art**

1 Year, 1 Unit

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

450003 **Art**

1 Year, 1 Unit

Prerequisite: 7th & 8th grade Visual Art

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

451000 **Instrumental Music I**

1 Year, 1 Unit

Symphonic band performs throughout the year at football games, the homecoming parade, concerts, and region contest. Students must demonstrate to the director a proper level of proficiency on a band instrument in order to enroll. Individual recordings at home are required. Attendance at all performances is also required. (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. 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.**

414010 **Forensics I**

1 Year, 1 Unit

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.** 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.)

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.

480000 **Health and Safety**

1 Semester, 1/2 Unit

Fall and 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.** (Paired with 414000 Oral Communications.)

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.**

Note: Only ½ credit of Wellness may be earned in grades 9-12. A maximum of one unit of physical education (including the ½ credit of Wellness if earned) may be counted toward graduation.

585011 **Wellness I**

1 Semester, 1/2 Unit

Spring Only

This course is for students participating in **football, volleyball or cross country.** It will be taken in the spring semester (off-season) 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. Students in this course will have opportunities to problem-solve by collecting and analyzing performance data and analyzing problems through writing activities and by drawing conclusions.

585013 **Wellness III**

1 Semester, 1/2 Unit

Fall Only

This course is for students participating in **basketball and track.** It will be taken in the fall semester (off-season) 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. Students in this course will have opportunities to problem-solve by collecting and analyzing performance data and analyzing problems through writing activities and by drawing conclusions.

491150 **Agricultural Science and Technology**

1 Year, 1 Unit

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

494480 **Construction Fundamentals**

1 Year, 1 Unit

Fundamentals of Construction is the required introductory course to Construction Technology. Areas covered will include: starting a business, job advantages, safety and basic first aid, basic math, measuring, basic plan reading, builder's level and transit, site layout, tools and equipment, ladders and scaffolds, and rigging and material handling. Hands-on projects will include frame modeling or storage shed building, hand tool demonstrations, and safe use of hand power tools. Maintenance and care of tools will also be emphasized. Students must successfully complete a safety course of study in order to advance into second year.

495760 **Air Force ROTC I**

1 Year, 1 Unit

The first-year course is a journey into aviation history designed to familiarize students with the historical development of flight, the role of the military in history, and the make-up of the aerospace community and the United States Air Force. Students will review the development of flight from ancient legends through the Iraqi War. Students are introduced to military customs and courtesies, flag etiquette, health and fitness, and basic drill and ceremonies. Life skills debates, discussions and activities will occur on a regular basis. Cadets have the opportunity to participate in overnight field trips, orienteering competitions, incentive flights, military base visits, paintball challenges and other events designed to build teamwork and camaraderie.

492490 **Computer Applications I**

Each Semester, 1/2 Credit

Prerequisite: Keyboarding

Computer Applications I is a one-semester, **self-paced, competency-based course**. All assignments required for this course 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. This course is designed to provide students with the fundamental computer skills necessary to do well in high school and needed in virtually all jobs today. In the area of word processing students will learn the fundamental skills necessary to create and edit the most widely used documents and use the most commonly used features of a word processor, such as bullets, numbered lists, special character, borders and shading, fonts, and paragraph and line searching. The fundamentals in the use of scanners, graphics, and Word Art are applied to documents. Internet searching skills and citing Internet sources are stressed with these applied to a simple PowerPoint presentation. In the area of spreadsheets, students will be expected to create and edit simple spreadsheets, using basic formulas and functions, and create a simple graph or chart. **To receive credit for**

this course, students are required to complete all assignments and achieve 80% or greater on each assignment and test.

492500 **Computer Applications II**

Each Semester, 1/2 Credit

Prerequisite: Computer Applications I

Computer Applications II is a one-semester, **self-paced, competency-based course**. All assignments required for this course 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. This course is designed to provide students with the intermediate computer skills necessary to do well in high school and needed in most jobs today. 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. **To receive credit for this course, students are required to complete all assignments and achieve 80% or greater on each assignment and test.**

492510 **Computer Applications III**

Each Semester, 1/2 Credit

Prerequisite: Computer Applications II

Computer Applications III is a one-semester, **self-paced, competency-based course**. All assignments required for this course 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. This course is designed to provide students with the computer skills necessary to do well in college and needed in most jobs today. Students will learn techniques that will allow them to create simple to intermediate desktop publishing documents; create, access and edit databases; use email efficiently and ethically; create advanced electronic presentations; and create web pages using web-page design software. They will continue their Internet research, applying it to advanced electronic presentations and the web pages they create. **To receive credit for this course, students are required to complete all assignments and achieve 80% or greater on each assignment and test.**

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. The course teaches students to: understand and apply the design process to solve various problems in a team setting, apply adaptive design concepts in developing sketches, features, parts and

assemblies, interpret their own sketches in using computer software to design models, understand mass property calculations and how they are used to elevate a parametric model, understand cost analysis, quality control, staffing needs, packaging and product marketing, explore career opportunities in design engineering and understand what skills and education these jobs require, and develop portfolios to display their designs and present them properly to peers, instructors and professionals. Students are required to work

alone. **This course is a prerequisite for all other engineering courses.**

999000 **Academic Acceleration** **NO CREDIT**

Academic Acceleration is a non-credited course for students to work toward mastery of basic skills in math and literacy. Computer-based programs as well as other strategies are used in this course.

Non-Credit Activities

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

999130 **Publications** **NO CREDIT**
Prerequisite: Application

Students will staff and publish the CJH yearbook. Students will learn and apply the fundamentals of journalism, typing and layout, and the publishing process. Students who choose this activity are expected to participate for the entire school year. Applications are available in the spring of each year.

99985C **Cheerleading** **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** **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)

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**

Notes



CABOT HIGH SCHOOL

401 N. Lincoln, Cabot, AR 72023

Phone: (501) 843-3562

Fax: (501) 843-4231

Web Address: <http://cabot.k12.ar.us/schools/chs>

School Profile

Administration

843-3562

Henry Hawkins, Principal
 Michael Byrd, Asst Principal
 Randy Granderson, Asst Principal
 Charlotte Sandage, Asst Principal
 Brad Tarvin, Asst Principal
 John Shirron, Graduation Coach

Counseling Center

843-3562
 Fax: 843-7756
 Web Address: chscc.com

Counselors

Barbara Miller
 Jayne Snyder
 Nicole True
 Janet Walters
 Julie Wilson

School

Size: 1931
 93.7% Caucasian
 2.9% Hispanic
 1.5% Asian/Pacific
 1.5% African American
 .4% 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
 Biology
 Chemistry
 Physics B
 World History
 United States History
 European History
 Studio Art
 Art History
 French
 German
 Spanish

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
Total Credits	22 ½

Honors Program Curriculum

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

Total Credits **22 ½**
 GPA **3.50 or better**

ACT Composite Scores

Year	Tested	CHS	State	Nat'l
99-00	333	21.8	20.3	21.0
00-01	325	21.4	20.1	21.0
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