



JL-CPA College Prep Academy (CPA)

CAPs

2014-2015

Our School Profile

School Leadership	Description
Dr. Phillis Anderson Senior Vice President	At Lighthouse College Preparatory Academies (CPA), we make an extraordinary promise: if a scholar graduates from our College Prep Academy, he/she will be admitted to a four year college or university. We keep that promise, through rigorous standards and an arts-infused curriculum that prepares students academically, socially and culturally for success in college – and beyond.
Lenisha Broadway Regional Vice President	
Norman Whitfield Principal	
Chris Carter Assistant Principal	
Amanda Crowder Director of Teacher Leadership	
Michael Taylor Director of College Transitions	<p>Work Hard.</p> <p>Get Smart.</p> <p>Graduate from College.</p>

Grading Scale				
A	B	C	D	F
90-100	80-89	70-79	60-69	0-59
Regular Grade Calculation				
4.0	3.0	2.0	1.0	0
AP Grade Calculation				
5.0	4.0	3.0	2.0	0
AP Courses Offered beginning 2014-2015 SY		Extracurricular Activities & Organizations		

AP English
AP Biology
AP United States History
AP World History
AP Studio Art
AP Spanish Language

Serious Young Brothers
Serious Young Sisters
Precious Pearls
Golf
Track
Basketball
Mock Trial
Volleyball
Cheerleading
Newspaper
Yearbook
Band
Choir

Career Action Planning (CAP)

CAP is a process through which scholars, parents, teachers, administrators and other stakeholders are able to develop a plan of study that will lead to post-secondary studies at a four-year college or university. The process begins each fall semester and is facilitated by the Director of College Transitions.

Introducing Naviance

Naviance is a college and career-planning tool that will allow scholars to research various career paths and develop a deeper understanding of how their interests relate to these career paths. Using the information gained through Naviance, scholars will be better prepared to seek college programs that closely match the career paths they want to obtain.

Arkansas Next Magazine

Visit <http://www.inarkansas.com/publications/arkansas-next>

for a *Guide to Life after High School*



Overview of Smart Core

English – 4 units

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

Mathematics – 4 units; One unit must be taken at 11th or 12th grade

- Algebra I or First Part and Second Part Algebra I (Grades 7-8 or 8-9)
- Geometry or First Part and Second Part Geometry (Grades 8-9 or 9-10)
- Algebra II
- Fourth Math—choice of: Advanced Topics and Modeling in Mathematics, Algebra III, Calculus, Linear Systems and Statistics, Mathematical Applications and Algorithms, Pre-Calculus, or an Advanced Placement mathematics

Natural Science – 3 units with lab experience chosen from:

- Biology (1 unit)
- Two units from the following three options:
- Physical Science
- Chemistry
- Physics or Principles of Technology I & II or PIC Physics

Social Studies – 3 units (see note beside economics)

- Civics – ½ unit
- World History – 1 unit
- American History – 1 unit

Oral Communication – ½ unit

Physical Education – ½ unit

Health and Safety – ½ unit

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

Fine Arts – ½ unit

Career Focus – 6 units

Beginning with the entering 9th grade class of 2014 – 2015 school year, each high school student shall be required to take at least one digital learning course for credit to graduate. (Act 1280 of 2013)

(Comparable concurrent credit may be substituted where applicable.)

Comparing Graduation Requirements

Arkansas Smart Core Curriculum	Arkansas Core Curriculum	LHA Scholars
English – 4 credits	English – 4 credits	English – 4 credits
Oral Communication – ½ credit	Oral Communications – ½ credit	Oral Communications – ½ credit
Mathematics – 4 credits	Mathematics – 4 credits	Mathematics – 4 credits (4 credits taken in grades 9 -12)
Science – 3 credits	Science – 3 credits	Science – 4 credits
Social Studies – 3 credits	Social Studies – 3 credits including Economics – ½ credit	Social Studies – 4 credits
		Foreign Language – 2 credits
Physical Education – ½ credit	Physical Education – ½ credit	Physical Education – ½ credit
Health and Safety – ½ credit	Health and Safety – ½ credit	Health and Safety – ½ credit
Fine Arts – ½ credit	Fine Arts – ½ credit	Fine Arts – 1 credit
Career Focus – 6 credits	Career Focus – 6 credits	Career Focus – 6 credits
Electives – 4 credits		Electives – 1 ½ credits
Total: 26 credits	Total: 22 credits	Total: 28 credits (requires completion of 8 PreAP or AP courses)
<i>2014 and after- Social Studies – Civics ½ credit/Economics ½ credit</i>	<i>2014 and after- Social Studies – Civics ½ credit/Economics ½ credit</i>	<i>2014 and after- Social Studies – Civics ½ credit/Economics ½ credit</i>

Arkansas Academic Challenge (Lottery) Scholarship

ADHE requires that students graduate from an Arkansas public high school and successfully complete the Smart Core curriculum established by the Arkansas Department of Education. In addition, students must either:

- Achieve at least a 2.5 HIGH SCHOOL GPA; or
- Achieve a minimum composite score of nineteen (19) on the ACT or the equivalent score on an ACT equivalent.

LHA Course Sequences

ELA	English 9 (Reg. or Honors)	English 10 (Reg. or PreAP)	English 11 (Reg. or Honors) or AP English Language & Composition	English 12 (Reg. or Honors) or AP English Literature
Mathematics	Algebra I (Reg. or Honors) or Geometry (Reg. or Honors)	Geometry (Reg. or Honors) or Algebra II (Reg. or PreAP)	Algebra II (Reg. or PreAP) or AP Trigonometry/Pre-Calculus	Trigonometry/Pre-Calculus or Calculus (AP)
Science	Physical Science	Biology (Reg. or Honors)	AP Chemistry or Chemistry (Reg. or Honors)	AP Biology, Physics or Environmental Science
Social Studies	World History (Reg. or Honors) and Cultures	Civics/Economics	US History, AP US History, AP World History	AP US Government, Economics or European History or AP World History

Concurrent Credit

Beginning in the 2014-2015 school year, the CPA will seek to build partnerships with the University of Arkansas at Little Rock and the University of Central Arkansas to provide students with an opportunity to earn concurrent credit for the AP courses in which they are enrolled. Program requirements will be provided during the 2014-2015 school year.

Advanced Placement (AP) Courses

The AP courses that will be offered during the 2014-2015 school year at the CPA, are college-level courses aligned with College Board. Given that students obtain the necessary score on the AP College Board exam and meet other criteria established by the receiving university or college site, he or she may receive college credit for the course.

Edmodo

Edmodo, an online social learning network, is used at the CPA to connect teachers to students and parents through a one-to-one technology initiative. To join Edmodo and connect to your child's account, visit Edmodo.com and use code 25igcb.

9th Grade Scheduling

English Course (1)

410000 English 9

410001 Pre-AP English 9

Math Course (1)

43000 Algebra I

431001 Pre-AP Geometry

432001 Pre-AP Algebra II

Science Course (1)

423000 Physical Science

423001 Pre-AP Physical Science

History/Social Science Course (1)

471000 World History

471001 Pre-AP World History

Language Course(s) (1 o 2)

440000 Spanish I

447000 Chinese I

440020 Spanish II

447010 Chinese II

Elective Course (s) (1 or 2)

A Sample Schedule

Period 1	English 9
Period 2	Algebra I
Period 3	Physical Science
Period 4	World History
Period 5	Chinese II
Period 6	Survey of Fine Arts
Period 7	Business Communications

10th Grade Scheduling

English Course (1)

411000 English 10

410001 Pre-AP English 10

Math Course (1)

430000 Algebra I

431000 Geometry

432000 Algebra II

433000 Pre-Calculus

431001 Pre-AP Geometry

Science Course (1)

420000 Biology

423001 Physical Science

420001 Pre-AP Biology

History/Social Science Course (1)

472000 Civics/474300 Economics

472001 Pre-AP Civics/474300 Economics

Language Course(s) (1 or 2)

440000 Spanish I

440020 Spanish II

440030 Spanish III

447000 Chinese I

447010 Chinese II

447030 Chinese III

Elective Course (s) (1 or 2)

A Sample Schedule

Period 1	English 10
Period 2	Geometry
Period 3	Pre-AP Biology
Period 4	Pre-AP Civics/Economics
Period 5	Chinese II
Period 6	Instrumental Music II
Period 7	Journalism I

11th Grade Scheduling

English Course (1)

412000 English 11

412001 Pre-AP English 11
517030 AP English

Math Course (1)

430000 Algebra I
431000 Geometry
432000 Algebra II
433000 Pre-Calculus

431001 Pre-AP Geometry

Science Course (1)

421000 Chemistry

521030 AP Chemistry
520030 AP Biology

History/Social Science Course (1)

470000 American History

570020 AP United States History
571020 AP World History

Language Course(s) (1 o 2)

440000 Spanish I
440020 Spanish II
440030 Spanish III
540070 AP Spanish Language

447000 Chinese I
447010 Chinese II
447030 Chinese III

Elective Course (s) (1 or 2)

A Sample Schedule

Period 1	English 11
Period 2	Algebra II
Period 3	Chemistry
Period 4	American History
Period 5	Chinese III
Period 6	Vocal Music II
Period 7	DC I – Digital Layout and Design

Course Listings & Descriptions

English

410000 English 9

1 year, 1 credit

Prerequisites: Successful completion of English 8.

English 9 is the foundation for the high school English curriculum. Emphasis will be on fundamental language, reading, and writing skills. The course will include the study of short stories, poetry, myths, drama, non-fiction, and the novel.

410001 Pre-AP English 9

1 year, 1 credit

Prerequisites: Preferred Proficient or Advanced score on the 8th Grade Benchmark

PreAP English 9 is a college preparatory course providing a challenging curriculum for high achieving students. Strong attention will be given to the development of composition skills and the use of MLA documentation. Vocabulary development and outside reading will complement each unit. Literary genres studied will include the short story, poetry, myths, drama, non-fiction, and the novel. Based on the areas of interaction, this fast-paced and rigorous course emphasizes World and American Literature, language arts basics, critical thinking skills and challenging composition competencies. Literary analysis and both oral and written reflection are highlighted. Designed with a global focus, study will encompass a wide variety of periods, cultures, and genres. This course prepares the student for further work in Advanced Placement courses

411000 English 10

1 year, 1 credit

Prerequisites: Successful completion of English 9

English 10 includes a review of language skills, the teaching of more advanced composition forms and skills, and an examination of literary themes and forms. The course will offer a survey of world literature including short stories, poetry, myths, drama, non-fiction, and the novel. Emphasis will be placed on vocabulary development and analysis skills.

411001 Pre-AP English 10

1 year, 1 credit

Prerequisites: Successful completion of English 9

PreAP English 10 is a college preparatory course providing a challenging curriculum for high achieving students. Strong attention will be given to the development of advanced composition skills which will support the world literature study including short stories, poetry, mythology, drama, non-fiction, and the novel. Outside reading and writing assignments will be required with emphasis placed on high level thinking and research skills. This rigorous and fast-paced program of study encompasses a global focus concentrating on the areas of interaction, literary analysis, critical thinking and problem solving techniques and language and grammar basics. This course also prepares the student for further work in Advanced Placement courses.

412000 English 11

1 year, 1 credit

Prerequisites: Successful completion of English 9 and English 10

English 11 includes the study of the development of American literature and the ideas and philosophies represented in each historical period. The course continues the emphasis on composition skills and vocabulary study. Students will be involved in extensive preparation for the state mandated Grade 11 Literacy Exam in the spring.

AP English Language & Composition 11

1 year, 1 credit

Prerequisites: Successful completion of English 9 and English 10

AP Language and Composition 11 will include the study of fiction and non-fiction prose from a variety of periods, disciplines, and contexts. The course will also involve a variety of writing for different audiences and purposes as well as analysis of style, application to non-fiction prose, and a study of vocabulary, grammar use, and mechanics in the context of composition. Students will be prepared to take the College Board AP Test in Language and Composition and may receive college credit if scores meet individual college requirement. For weighted credit to be awarded, students must take the AP Exam in the spring. Students will take the Grade 11 Literacy Exam in the spring.

Math

430000 Algebra I

1 year, 1 credit

Prerequisite: Successful Completion of 8th grade Math or Pre-Algebra.

This course provides the foundational concepts for high school mathematics. Topics include the language of algebra, solving and graphing equations and inequalities (linear and quadratic), systems of equations, properties of exponents, radical expressions, data and graphs, polynomial operations, and factoring of polynomials. A graphing calculator is recommended. *At the conclusion of this course, students will take an end of course Algebra I exam

431001 Pre-AP Geometry

1 year, 1 credit

Prerequisite: Successful Completion Algebra I

This course provides a more in-depth study of the topics listed for geometry including applications. Since this is an advanced course, higher levels of understanding such as relationships of ideas, analysis, synthesis, and evaluation will be stressed. The content of PreAP Geometry is similar to the content of the regular geometry class. Topics include the basic terms of geometry, logic and reasoning, slopes and equations of lines, angle relationships, and properties of polygons, triangles, transformations, right-triangle trigonometry, circles, perimeter, area, and volume. PreAP Geometry encourages the use of mathematical investigations to measure and analyze geometric figures. Students learn to understand and discuss the international nature of mathematics and to use critical thinking to solve authentic problems. The student will gain insight into their mathematical strengths and weaknesses through reflection. A graphing calculator is

required. *At the conclusion of this course, students will take an end of course Geometry exam.

Algebra II

1 year, 1 credit

Prerequisite: Successful Completion of Algebra I and Geometry

This course is a continuation of the study of algebraic concepts presented in Algebra I with a deeper insight into problem solving applications. Additional topics include matrices and determinants, logarithms and exponential functions, the graphing and applications of quadratic, polynomial, and rational functions, linear systems of equations and inequalities. A graphing calculator is required

Pre-AP Algebra II

1 year, 1 credit

Prerequisite: Successful Completion of Algebra I and Geometry

This course is an in-depth study of the Algebra II skills needed for advanced math courses such as Pre- Calculus and AP Calculus. It moves at a fast pace and is designed for highly motivated and capable students. The content of PreAP Algebra II is similar to the content of the regular Algebra II class, but is more rigorous and faster paced. This course is a continuation of the study of algebraic concepts presented in Algebra I with a deeper insight into problem solving applications. Additional topics include matrices and determinants, logarithms and exponential functions, the graphing and applications of quadratic, polynomial, and rational functions, and linear systems of equations and inequalities. In addition, students are expected to select and apply appropriate inquiry and problem solving techniques to justify and prove mathematical relationships and general rules. This class promotes an understanding of how a variety

of cultures have influenced mathematical thoughts and requires students to reflect the importance of their findings. A graphing calculator is required.

Pre-Calculus

1 year, 1 credit

Prerequisites: Successful Completion of Algebra I, Geometry, and Algebra II

Students will use symbolic reasoning and analytical methods to represent mathematical situations, to express generalizations, and to study mathematical concepts and the relationships among them. Students will use functions and equations as tools for expressing generalizations. This course will emphasize a study of trigonometric functions and identities as well as applications of right triangle trigonometry and circular functions in the first semester. Students will be introduced to polar coordinates in this class. A graphing calculator is required for this course.

Science

423000 Physical Science

1 year, 1 credit

Prerequisite: NONE

This course will include selected topics in problem solving, standards of measurements, energy and motion, and the nature of matter (solids, liquids and gases), kinds of substances, interactions of matter (solutions, chemical reactions, acids, bases, and salts), electricity and energy resources, and waves, light, and sound. Other topics include related and applicable careers, global connections, and practical applications in a technological society.

423001 Pre-AP Physical Science

1 year, 1 credit

Prerequisite: NONE

This course is a more in-depth study of the physical science curriculum. In addition to the standard curriculum, selected areas are explored in greater depth and breadth. Particular emphasis is placed on thinking skills and problem-solving techniques. The course study will focus on chemistry and physics in a fast paced class that will cover basic concepts in both areas of science. Technology will be an added component utilized in combination with inquiry based laboratory procedures that will aid in exploring and understanding the role of energy and matter, chemical reactions, and organic compounds found in nature. Students will demonstrate an understanding of the role of energy, forces, wave and particle motion, and electricity and magnetism in physics through the lens of the scientific method and critical thinking skills. The five areas of interaction will be used in order to view ethical dilemmas that science and new technologies often bring to society in real life situations.

420000 Biology

1 year, 1 credit

Prerequisite: Successful completion of Physical Science

This course is the study of living things with emphasis on their similarities, differences and life processes, and how they relate to their environment. Topics include introduction of life processes, methods of science matter, energy, the chemical basis of life, cell metabolism, evolution, reproduction, development, and environmental education. At the conclusion of this course, students will take an end of course exam.

420001 Pre-AP Biology

1 year, 1 credit

Prerequisite: Successful completion of Physical Science

This course is a comprehensive course in biology that covers cell structures and function, chemistry, genetics, photosynthesis, cellular respiration, ecology, communities and populations, classification of organisms, disease, microbes, human physiology and plants. Technology will be an added component utilized in combination with inquiry based laboratory procedures that will aid in exploring and understanding the role of biology. The five areas of interaction will be used in order to view ethical dilemmas that science and new technologies often bring to society in real life situations. At the conclusion of this course, students will take an end of course exam.

520030 AP Biology

1 year, 1 credit

Prerequisite: Teacher Recommendation, Successful Completion of Biology

This is a second year course. It is designed to meet the needs of those college-bound students who have a special interest in biological science as a career. The course provides in-depth laboratory study and independent resource activities. For weighted credit to be awarded, students must take the AP exam in the spring.

421000 Chemistry

1 year, 1 credit

Prerequisite: Successful Completion of Physical Science and Algebra I

This course combines the core concepts of chemistry with activities that show students how they are surrounded by chemistry and how chemistry applies to their daily lives. A practical familiarity with chemicals, reactions, and techniques are developed by means of laboratory experiences.

521030 AP Chemistry

1 year, 1 credit

Prerequisite: Successful Completion of Pre-Advanced Placement Chemistry or Chemistry

Advanced Placement Chemistry is a second year course taken after the completion of Chemistry. This course includes topics from both organic and inorganic chemistry, and follows the Advanced Placement Chemistry description developed by the College Board. For weighted credit to be awarded, students must take the AP exam in the spring

Foreign Language

440000 Spanish I

1 year, 1 credit

Prerequisite: NONE

This course of study is elementary spoken Spanish. Reading and writing Spanish are introduced and cultural aspects of Spanish life are discussed.

440020 Spanish II

1 year, 1 credit

Prerequisite: Spanish I

Emphasis remains on spoken Spanish; study of specific grammar, structure-true translation, reading, vocabulary, and writing listening, reading, and speaking or listening

practice continues. Cultural discussions are based on life in Spanish speaking countries.

440030 Spanish III

1 year, 1 credit

Prerequisite: Spanish I and II

Course will review materials from Spanish II; read and discuss current topics using Spanish. Emphasis is on oral proficiency, grammar type translations, free reading, and limited free writing

540070AP Spanish

1 year, 1 credit

Prerequisite: Instructor Approval

An AP Spanish Language course is comparable to an advanced level (5th and 6th semester or the equivalent) college Spanish language course. Emphasizing the use of Spanish for active communication, it encompasses aural/oral skills, reading comprehension, grammar, and composition. The course objectives include helping students understand Spanish spoken by native speakers at a natural pace, with a variety of regional pronunciations, in both informal (interpersonal) and formal (presentational) contexts; develop an active vocabulary sufficient for reading newspaper and magazine articles, contemporary literature, and other non-technical writings (websites, letters and emails, advertisements, signs and instructions) in Spanish without dependence on a dictionary; expressing oneself by describing, narrating, inquiring and developing arguments in Spanish, both orally and in writing, with reasonable fluency, using different strategies for different audiences and communicative contexts. In this course, special emphasis is placed on the use of authentic source materials and the integration of language skills. Therefore, extensive training will be conducted in combining

reading and writing skills in order to demonstrate understanding of authentic Spanish-language source materials. Students will be prepared to take the College Board AP Spanish test and may receive college credit if scores meet individual college requirements. For weighted credit to be awarded, students must take the AP Exam in the spring.

447000 Chinese I

1 year, 1 credit
Prerequisite: NONE

This course of study is elementary spoken Chinese. Reading and writing Chinese are introduced and cultural aspects of Chinese life are discussed.

447010 Chinese II

1 year, 1 credit
Prerequisite: Chinese I

Emphasis remains on spoken Chinese; study of specific grammar, structure-true translation, reading, vocabulary, and writing practice continues. Cultural discussions are based on life in Chinese speaking countries.

447030 Chinese III

1 year, 1 credit
Prerequisite: Chinese I and II
Course will review materials from Spanish II; read and discuss current topics using Spanish. Emphasis is on oral proficiency, grammar type translations, free reading, and limited free writing.

History/Social Science

471000 World History

471001 Pre-AP World History

1 year, 1 credit
Prerequisite: NONE

The purpose of this course is to develop greater understanding of the world through the study of its history – the story of its people. It emphasizes the evolution of global processes and contacts in different types of human societies from the pre-historic period to the modern time. Besides the study of factual events in chronological order, this course also provides an opportunity for students to develop various skills required in the study of humanities, such as examining primary sources, thematic approach, and interpretation of data, among others.

472000 Civics/474300 Economics

1 semester, ½ credit each
Prerequisite: NONE

Civics is the study of the American government system and citizenship. This course is designed to give students an introduction to politics and government in the United States at the federal, state, and local levels. The course also explores American citizenship with its many rights, duties, and responsibilities. The purpose of this course is to give students a clear understanding of the principles of our democratic government and to motivate students to develop into responsible, participating citizens who strive to make a positive difference in the American society.

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.

472001 Pre-AP Civics/4743001 Economics

1 year, 1 credit

Prerequisite: NONE

PreAP Civics is an in-depth study of American government and citizenship. The course is designed to give students a critical perspective on American politics, government and citizenship. The class explores the general concepts needed to interpret American government at the federal, state, and local levels and analyzes specific cases that have had major impact on American society. This course is taught with the conviction that students want to know not only who governs but also what difference who governs makes.

PreAP Civics will also focus on the important rights, duties, and responsibilities of being an American citizen. The goal is to prepare students to become productive, participatory citizens that make a positive difference in the American society. The students in this course will be involved in inquiry-based learning and will need to be self-motivated, self-disciplined, and organized. An underlying purpose of this fast paced course is to prepare students for the rigor and pace of a future AP course

PreAP 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.

470000 American History

1 year, 1 credit

Prerequisite: NONE

American History examines time periods from the first European explorations of the Americas to present day. Political, military, scientific, economic, and social developments are covered in the historical overview.

Students will analyze and interpret a variety of historical resources and use primary and secondary sources, maps, and pictorial and graphic evidence of historical events. This course stresses application, problem solving, higher-order thinking skills, and use of classroom performance-based/open-ended assessments with rubrics.

571020 AP World History

1 year, 1 credit

Prerequisite: NONE

The AP World History course offers motivated students an opportunity to learn the processes that have resulted in increasing interactions among the world societies. It is a part of cooperative endeavor by high schools, colleges and the College Board to provide highly motivated students to earn college credit during their high school years. Students enrolling in this course should be aware that AP classes are taught and graded at the college level, and they significantly exceed

demands and expectations for other regular and Pre-AP courses. For weighted credit to be awarded, students must take the AP exam in the spring.

570020 AP United States History

1 year, 1 credit

Prerequisite: NONE

AP U.S. History is a challenging course that is meant to be the equivalent of a freshman college course and can earn students college credit. It is a two (2) semester survey of American History from the age of exploration and discovery to the present. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study, are necessary to succeed. Emphasis is placed on critical and evaluative thinking skills, essay writing, interpretation of original documents, and historiography. A short research paper linking American literature and history is required. A comprehensive college textbook is used for this course. For weighted credit to be awarded, students must take the AP exam in the spring.

Elective Courses

453000 Survey of Fine Arts

1 semester, ½ credit

Prerequisite: NONE

This is a one semester course designed to introduce the student to drawing, calligraphy, and other media. This course will also survey art history and critiquing will be used to support the studio work and explore the elements and principals of design. Course will fulfill the fine-arts graduation requirement.

492060 Business Communication

1 semester, ½ credit

Prerequisite: NONE

Business Communications is a one-semester course designed to provide students with the communication skills needed in business careers. The course includes both written and oral communications relating to business activities and is directed toward understanding the language of nonverbal communication and improved listening skills, reading, voice usage, and writing skills. Emphasis is given to developing competencies in fundamentals, such as spelling, punctuation, grammar, vocabulary, sentence and paragraph structure, English usage, and proofreading. Applications in writing all types of business documents are valuable components of the course. Students gain competencies in writing, thinking logically, organizing ideas, writing clearly and concisely, and displaying tact and courtesy in writing. Technological advancements relating to information, communication, and telecommunications are given emphasis.

414000 Oral Communications

1 semester, ½ credit (fall or spring)

Prerequisite: NONE

The one-semester Oral Communication course will provide students with an understanding of the dynamics of effective communication when speaking, listening, and responding. Students will express ideas and present information in a variety of communication tasks including small group discussion, formal and informal presentations, and oral interpretation of literature. Students will develop basic communication competencies including ethical practices in communication, recognition of communication barriers; and effective use of interpersonal communication, listening, verbal and nonverbal messages, and use of digital media. The one-semester Oral Communication course fulfills the ½ unit of Oral Communication required for graduation.

416000 ELA Drama

1 semester, ½ credit
Prerequisite: NONE

ELA Drama is a one-semester English elective course designed to introduce students to the study of dramatic literature. Through the study of written plays, students will become informed, perceptive, and appreciative audience members of plays from various cultures and time periods. To accomplish this goal, students will gain knowledge of dramatic elements by studying classical to contemporary plays. Students will examine and compare historical influences and contexts, universal themes in dramatic literature, and authorial treatment of tragic heroes from various periods. Students will demonstrate understanding of dramatic literature through creative oral and written interpretations and adaptations.

450000 Art I

1 year, 1 credit
Prerequisite: NONE

This one year course is designed to introduce the student to different kinds of art with concentration on the following: design, drawing, painting, watercolor, mixed media, and art history. This course will fulfill the fine-arts graduation requirement and one (1) elective credit.

485000 Physical Education

1 semester, ½ credits
Prerequisite: NONE

Physical Education classes will consist of team sports, lifetime activities, physical fitness, and wellness.

480000 Health

1 semester, ½ credits
Prerequisite: NONE

The class offers a curriculum designed to cover wellness, nutrition, safety, first aid, consumer education, family life education, drug and alcohol education, environmental education, the disease cycle, sexually transmitted diseases, and aids education.

451000 Instrumental Music I (Jazz/Band)

1 year, 1 credit
Prerequisite: Consent of Instructor

This introductory level course is for students who participate in the JLCS CPA Band. The groups will perform at selected athletic events, concerts, parades, contests, and other community events chosen by the director. All students will adhere to the Band guidelines. After school rehearsals are required.

451040 Instrumental Music II (Jazz/Band)

1 year, 1 credit
Prerequisite: Instrumental Music I, Consent of Instructor

This course is a continuation of Instrumental Music I, with a focus on gaining deeper understanding of the complexities and music and harmony. The groups will perform at selected athletic events, concerts, parades, contests, and other community events chosen by the directors. All students will adhere to the Band guidelines. After school rehearsals are required.

492470 Word Processing I

1 semester, ½ credit
Prerequisite: Keyboarding

Word Processing I is a one-semester course designed to provide students with entry-level skills in word processing concepts, repair needed to the uniform during the year

operations, text manipulations, and production of business documents using an intermediate or advanced level software program. In addition, training in basic word vocabulary skills, mechanics of punctuation and grammar, format and style, and proofreading, editing, and reviewing business documents is included in the course.

492480 Word Processing II

1 semester, ½ credit

Prerequisite: World Processing I

Word Processing II is a one-semester course designed to provide students with competencies in word processing concepts. Emphasis is on production of business documents and applications, including formats, creating and maintaining files, repetitive documents, revising, and printing.

452000 Vocal Music I

1 year, 1 credit

Prerequisite: NONE

This ensemble is open to students by audition only. The ensemble participates in several performances throughout the school year. Performance participation is required and is a major component of the course grade. Seasonal music will be learned.

452040 Vocal Music II

1 year, 1 credit

Prerequisite: VOCAL MUSIC I, Audition, Instructor Approval

This choral ensemble, made up of experienced singers, will study the standard choral literature and perform for community, regional, and state events throughout the school year. Performance participation is required and is a major component of the course grade. Performance attire (except shoes) and materials are furnished by the school district. Any damage sustained or

will be charged to the student. Non-payment of these fees will be handled under the same collection and/or consequence guidelines as other fines assessed by the school. Seasonal music will be learned.

452050 Vocal Music III

1 year, 1 credit

Prerequisite: VOCAL MUSIC I and II, Instructor Approval

This ensemble may include any grade level. Students will study advanced choral literature, both a cappella and accompanied. Movement may be incorporated into the performances. This ensemble will perform for community, regional, and state events throughout the school year. Performance participation is required and is a major component of the course grade.

492120 Computerized Business Applications

1 year, 1 credit

Prerequisite: KEYBOARDING

Software: Office XP (Word, Excel, Access, PowerPoint) This course is an introduction to business applications necessary to live and work in a technological society. Emphasis is given to hardware, concepts, and business uses of applications. In this course, the student will learn the fundamental word processing skills necessary to produce simple documents. The student will learn to create and edit simple spreadsheets using a basic formula and functions. The student will also learn to integrate the office applications.

492070 Business Law I

1 semester, ½ credit

Prerequisite: NONE

Business Law I is a one-semester course designed to acquaint the student with the many applications of law governing our business and personal affairs in today's legal demonstrate evidence of complex problem-

environment and dynamic marketplace. It is a study of the many relationships that exist, defining our rights and responsibilities associated with each, according to generally accepted principles of law. Business Law I covers the history and evolution of our law, its purposes, how laws may be classified, the rights of individuals, and where the law may be found. Topics will include criminal law, civil (tort) law, enforcement procedures and the courts, regulatory law for business firms, consumer protection, and contract law.

492080 Business Law II

1 semester, ½ credit

Prerequisite: Business Law I

Business Law II is a one-semester course covering standards of law which govern our business and personal affairs in today's dynamic marketplace. It is designed to help students better understand the business world in which they live, gain confidence in conducting business, and be better prepared to recognize legal problems in management of an enterprise. Topics will include credit and bankruptcy, commercial paper, employment and agency, forms of business organization (proprietorships, partnerships, and corporations), real and personal property, bailments, and insurance.

450090 Studio Art 3-D

1 semester, ½ credit

Prerequisite: Art I

Studio Art 3-D is a one-semester course designed for students who have successfully completed Art I. Studio Art 3-D is a teacher-directed and/or student-directed course in which students further explore, apply, and move toward mastery of the elements of art and principles of design in specific areas of art, such as ceramics, jewelry, mosaics, fiber arts, sculptures, mixed media, altered books, or other 3-D media. Student art will

solving skills, higher order thinking, risk taking, imagination, and innovation. Students will exhibit art and will assemble portfolios that reflect personal growth in the media, techniques, process, and tools used to create complex 3-D compositions. Student compositions will cover a breadth of media and subject matter and will demonstrate successful completion of Studio Art 3-D student learning expectations. Art I is a prerequisite for this course.

450080 Studio Art 2-D

1 semester, ½ credit

Prerequisite: Art I

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

559040 AP Studio Art

1 year, 1 credit

Prerequisite: Successful completion of ART I and ART II or currently enrolled in ART II, Instructor Approval.

415010 Journalism II

The Advanced Placement Art course provides students with a learning experience equivalent to that of an introductory college course in studio art foundation. This course is intended for the highly motivated student interested in serious study of art. Students will create a portfolio of work in one of three areas of study: Drawing, 2-D Design, 3-D Design. This body of work will be compiled and submitted to the College Board of Advanced Placement for the portfolio exam.

493540 Theatre Performance I

1 year, 1 credit

Prerequisite: NONE

This course is designed to teach students interested in pursuing careers in the performing arts with an emphasis on stage performance. Students will be taught basic academic and performance skills related to characterization, script analysis, genre study, and performance projects.

415001 Journalism I

1 year, 1 credit

Prerequisite: NONE

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

Journalism II is a two-semester course designed to provide students with an intermediate study of media applications above Journalism I. This course can serve as further preparation for advanced media applications. Students in Journalism II will become active participants in the world of media to enhance their communication skills. Students will progress in their academic knowledge through the roles of reporters, photographers, ad sales, and marketing team members. Writing, technology, and visual and electronic media are used as tools for learning as students create, assess, and produce. Students will learn to apply journalistic guidelines for writing and design, which include objectivity, responsibility, and credibility.

492150 DC I-Digital Layout & Design

1 semester, ½ credit

Prerequisite: Computerized Business Applications

Digital Communications I: Layout & Design is a one-semester course that combines the versatility of the computer with page-design software, enabling students to produce materials of near photo-typed quality. The course includes page composition, layout, design, editing functions and a variety of printing options.

492160 DC II-Digital Imaging

1 semester, ½ credit

Prerequisite: DC I

Digital Communications II: Imaging is a one-semester course designed to study the process of editing digital images, photography, and appropriate visual signals to communicate the desired message to an audience effectively. Principles are used to analyze and organize information, set up a design structure, and

414060 Debate II

produce special visual expressions and techniques that are applied to graphics, photos, and video. These techniques are then applied to develop a finished product/portfolio to be used in further education.

494150 Advertising and Graphic Design

1 year, 1 credit

Prerequisite: NONE

This instructional program in the applied visual arts is a core course and prepares individuals to use artistic techniques to effectively communicate ideas and information to business and consumer audiences via illustrations and other forms of printed media.

414050 Debate I

1 year, 1 credit

Prerequisite: NONE

Debate I is a two-semester course that will provide students with an understanding of the dynamics of effective oral communication with speaking, listening, and responding. Students will develop basic communication competencies including ethical practices in communication; recognition of communication barriers; and effective use of interpersonal communication, listening, verbal and nonverbal messages, and use of digital media. The life skills listed in Strand 4: Communication Competencies will be embedded throughout the course. Further, students in Debate I will gain an understanding of the fundamentals of argumentation and will express ideas and present information in a variety of oral advocacy situations from small group discussions to formal debates. Special emphasis will be given to research proficiencies and analytical thinking and listening skills. Debate I fulfills the ½ unit of Oral Communication required for graduation.

1 year, 1 credit

Prerequisite: Debate I

Debate II is a two-semester course that will provide students with an intermediate understanding of the dynamics of argumentation and effective communication. Debate II is designed to help students master preparation skills and develop an understanding of debate procedures at an intermediate level. Students in Debate II will express ideas and present information in a variety of formal presentations and debate formats. Students will demonstrate appropriate verbal and nonverbal communication while using ethical debating practices. Students will engage in in-depth, topic-specific research from informational texts.

493160 Leadership and Service Learning

1 semester, ½ credit

Prerequisite: NONE

Leadership and Service Learning emphasizes the importance of leadership skills, volunteerism, and professionalism in the development of personal qualities. It focuses on the benefits of community service, leadership roles, and civic responsibilities. Current technology is used to enhance communication skills and promote professionalism.

491300 Leadership & Communications

1 semester, ½ credit

Prerequisite: NONE

Public speaking, parliamentary procedure, organization, delegation, oral communication, conflict resolution, business etiquette, and community service are major topics to assist students in development of their leadership skills for the future. Opportunities are provided for students to participate in FFA

and supervised experience activities.

9th Grade Course Selection

Jacksonville Lighthouse Charter School 2014-15

9th Grade Course Selection Sheet

Student ID#: _____ Last Name: _____ First Name: _____

Address: _____ Zip Code _____

Home Phone: _____ Cell Phone: _____

Guardian Name: _____ Email Address: _____

<u>Core Classes</u>	
Every 9 th grader will be assigned to an English, Math, Science, History and Foreign Language * Students will be assigned to the Pre-AP courses based on the review of student data by the placement committee.	
Course 1: English <input type="text" value="Select One"/> <ul style="list-style-type: none"> <input type="checkbox"/> 410000 English 9 <input type="checkbox"/> 410001 Pre-AP English 9 * 	Course 2: Math <input type="text" value="Select One"/> <ul style="list-style-type: none"> <input type="checkbox"/> 430000 Algebra I <input type="checkbox"/> 431001 Pre AP Geometry <input type="checkbox"/> 432000 Algebra II <input type="checkbox"/> 432001 Pre AP Algebra II
Course 3: Science <input type="text" value="Select One"/> <ul style="list-style-type: none"> <input type="checkbox"/> 423000 Physical Science <input type="checkbox"/> 423001 Pre-AP Physical Science 	Course 4: History/Social Science <input type="text" value="Select One"/> <ul style="list-style-type: none"> <input type="checkbox"/> 471001 Pre AP World History <input type="checkbox"/> 471000 World History
Course 6: Language: <input type="text" value="Select One"/> <ul style="list-style-type: none"> <input type="checkbox"/> 440000 Spanish I <input type="checkbox"/> 440020 Spanish II (Spanish I Prerequisite) <input type="checkbox"/> 447000 Chinese I <input type="checkbox"/> 447010 Chinese II (Chinese I Prerequisite) 	Course 7: Elective <input type="text" value="Select Two"/> <ul style="list-style-type: none"> <input type="checkbox"/> 453000 Survey of Fine Arts (.5 credit Fine Arts)/ 492060 Business Communication (.5 Credit Career Focus) <input type="checkbox"/> 414000 Oral Communications (.5 credit Oral Communications)/416000 ELA Drama (.5 credit Career Focus)) <input type="checkbox"/> 450000 Art I (1 credit Fine Arts) <input type="checkbox"/> 485000 Physical Education – ½ credit Physical Education / 480000 Health – ½ credit Health <input type="checkbox"/> 451000 Instrumental Music I __Jazz __Band (1 credit Fine Arts) <input type="checkbox"/> 492470 Word Processing I/492480 Word Processing II (1 Credit Career Focus) <input type="checkbox"/> 452000 Vocal Music I (1 credit Fine Arts) <input type="checkbox"/> 492120 Computerized Business Applications (1 credit Career Focus)

Parent Signature: _____

Date: _____

Student Signature: _____

Date: _____

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10th Grade Course Selection

Jacksonville Lighthouse Charter School 2014-15 10th Grade Course Selection Sheet

Student ID#: _____ Last Name: _____ First Name: _____

Address: _____ Zip Code: _____

Home Phone: _____ Cell Phone: _____

Guardian Name: _____ Email Address: _____

Core Classes Every 10 th grader will be assigned to an English, Math, Science, History and Foreign Language * Students will be assigned to the Pre-AP courses based on the review of student data by the placement committee.	
Course 1: English <div style="border: 1px solid black; display: inline-block; padding: 2px; margin-bottom: 5px;">Select One</div> <input type="checkbox"/> 411000 English 10 <input type="checkbox"/> 411001 Pre-AP English 10 *	Course 2: Math <div style="border: 1px solid black; display: inline-block; padding: 2px; margin-bottom: 5px;">Select One</div> <input type="checkbox"/> 430000 Algebra I <input type="checkbox"/> 431000 Geometry <input type="checkbox"/> 431001 PreAP Geometry <input type="checkbox"/> 432000 Algebra II (Prerequisite Alg. 1; Geometry) <input type="checkbox"/> 433000 Pre Calculus (Prerequisite Alg. II)
Course 3: Science <div style="border: 1px solid black; display: inline-block; padding: 2px; margin-bottom: 5px;">Select One</div> <input type="checkbox"/> 420000 Biology (Pre-requisite: Physical Science) <input type="checkbox"/> 420001 Pre AP Biology <input type="checkbox"/> 423001 Physical Science	Course 4: History/Social Science <div style="border: 1px solid black; display: inline-block; padding: 2px; margin-bottom: 5px;">Select One</div> <input type="checkbox"/> 472000 Civics / 474300/ECONOMICS <input type="checkbox"/> 472001 Pre-AP Civics/474300/ECONOMICS
Course 6: Language: <div style="border: 1px solid black; display: inline-block; padding: 2px; margin-bottom: 5px;">Select One or Two</div> <input type="checkbox"/> 440000 Spanish I <input type="checkbox"/> 440020 Spanish II (Spanish I Prerequisite) <input type="checkbox"/> 440030 Spanish III <input type="checkbox"/> 447000 Chinese I <input type="checkbox"/> 447010 Chinese II (Chinese I Prerequisite) <input type="checkbox"/> 447030 Chinese III (Chinese I and II Prerequisite)	Course 7: Elective <div style="border: 1px solid black; display: inline-block; padding: 2px; margin-bottom: 5px;">Select Two</div> <input type="checkbox"/> 491300 Leadership & Communications (.5 credit/Career Focus)/492060 Business Communication (.5 credit / Career Focus) <input type="checkbox"/> 414050 Debate I (1 credit/ Career Focus) <input type="checkbox"/> 414060 Debate II (1 credit/Career Focus) <input type="checkbox"/> 450000 ART I (1 credit/ Fine Arts) <input type="checkbox"/> 492020 Banking & Finance Consumer Lending (.5 credit)/ 492030/ Banking & Finance Law (.5 credit/Career Focus) <input type="checkbox"/> 492070 Business Law I (.5 credit)/ 492080/Business Law II (.5 credit/Career Focus) <input type="checkbox"/> 450080 Studio Art 2-D (.5 credit)/ 450090 Studio Art 3-D (.5 credit) (Fine Arts/Career Focus) <input type="checkbox"/> 493540 Theatre Performance I(1 credit) Fine Arts/Career Focus <input type="checkbox"/> 485000 Physical Education – ½ credit Physical Education / 480000 Health - – ½ credit/ Health <input type="checkbox"/> 451000 Instrumental Music I __Jazz __Band (1 credit Fine Arts) <input type="checkbox"/> 451040 Instrumental Music II __Jazz __Band (1 credit/Fine Arts) <input type="checkbox"/> 492470 Word Processing I/492480 Word Processing II (1 Credit Career Focus) <input type="checkbox"/> 452000 Vocal Music I (1 credit Fine Arts) <input type="checkbox"/> 452040 Vocal Music II (1 credit Fine Arts) <input type="checkbox"/> 492120 Computerized Business Applications (1 credit Career Focus) <input type="checkbox"/> 415000 Journalism I (1 credit/Career Focus) <input type="checkbox"/> 415010 Journalism II (1 credit/Career Focus) <input type="checkbox"/> 492150 DC I-Digital Layout and Design (.5 credit) Career Focus) <input type="checkbox"/> 492160 DC II-Digital Imaging (.5 credit) (Career Focus)
Office Use only: Received: _____ Eschool: _____ Power School: _____	

Parent Signature: _____

Date: _____

Student Signature: _____

Date: _____

11th Grade Course Selection

Jacksonville Lighthouse Charter School 2014-15 11th Grade Course Selection Sheet

Student ID#: _____ **Last Name:** _____ **First Name:** _____
Address: _____ **Zip Code:** _____
Home Phone: _____ **Cell Phone:** _____
Guardian Name: _____ **Email Address:** _____

Core Classes <small>Every 11th grader will be assigned to an English, Math, Science, History and Foreign Language</small>	
Course 1: English <input type="checkbox"/> 412000 English 11 <input type="checkbox"/> 412001 Pre AP English 11 <input type="checkbox"/> 517030 AP English Language and Composition <div style="border: 1px solid black; width: fit-content; margin: 5px auto; padding: 2px;">Select One</div>	Course 2: Math <div style="border: 1px solid black; width: fit-content; margin: 5px auto; padding: 2px;">Select One</div> <input type="checkbox"/> 430000 Algebra I <input type="checkbox"/> 431000 Geometry <input type="checkbox"/> 431001 PreAP Geometry <input type="checkbox"/> 432000 Algebra II <input type="checkbox"/> 433000 PreCalculus
Course 3: Science <div style="border: 1px solid black; width: fit-content; margin: 5px auto; padding: 2px;">Select One</div> <input type="checkbox"/> 520030 AP BIOLOGY <input type="checkbox"/> 521030 AP Chemistry <input type="checkbox"/> 421000 Chemistry	Course 4: History/Social Science <input type="checkbox"/> 570020 AP United States History <input type="checkbox"/> 571020 AP World History <input type="checkbox"/> 470000 American History
Course 6: Language: <div style="border: 1px solid black; width: fit-content; margin: 5px auto; padding: 2px;">Select One or Two</div> <input type="checkbox"/> 440000 Spanish I <input type="checkbox"/> 440020 Spanish II <input type="checkbox"/> 440030 Spanish III <input type="checkbox"/> 540070 AP Spanish Language <input type="checkbox"/> 447000 Chinese I <input type="checkbox"/> 447010 Chinese II <input type="checkbox"/> 447030 Chinese III	Course 7: Elective <div style="border: 1px solid black; width: fit-content; margin: 5px auto; padding: 2px;">Select Two</div> <input type="checkbox"/> 491300 Leadership & Communications (.5 credit/Career Focus)/492060 Business Communication (.5 credit / Career Focus) <input type="checkbox"/> 414050 Debate I (1 credit/ Career Focus) <input type="checkbox"/> 414060 Debate II (1 credit/Career Focus) <input type="checkbox"/> 492020 Banking & Finance Consumer Lending (.5 credit)/ 492030/ Banking & Finance Law (.5 credit/Career Focus) <input type="checkbox"/> 492070 Business Law I (.5 credit)/ 492080/Business Law II (.5 credit/Career Focus) <input type="checkbox"/> 450080 Studio Art 2-D (.5 credit)/ 450090 Studio Art 3-D (.5 credit) (Fine Arts/Career Focus) <input type="checkbox"/> 493540 Theatre Performance [(1 credit) Fine Arts/Career Focus) <input type="checkbox"/> 485000 Physical Education – ½ credit Physical Education / 480000 Health - – ½ credit/ Health <input type="checkbox"/> 451000 Instrumental Music I __Jazz __Band (1 credit/Fine Arts) <input type="checkbox"/> 451040 Instrumental Music II __Jazz __Band (1 credit/Fine Arts) <input type="checkbox"/> 451050 Instrumental Music III __Jazz __Band (1 credit/Fine Arts) <input type="checkbox"/> 492470 Word Processing I/492480 Word Processing II (1 Credit/ Career Focus) <input type="checkbox"/> 452000 Vocal Music I (1 credit Fine Arts) <input type="checkbox"/> 452040 Vocal Music II (1 credit Fine Arts) <input type="checkbox"/> 452050 Vocal Music III (1 credit Fine Arts) <input type="checkbox"/> 492120 Computerized Business Applications (1 credit Career Focus) <input type="checkbox"/> 415000 Journalism I (1 credit/Career Focus) <input type="checkbox"/> 415010 Journalism II (1 credit/Career Focus) <input type="checkbox"/> 559040 AP Studio Art Drawing (1 credit/Fine Arts/Career Focus) <input type="checkbox"/> 493160 Leadership and Service Learning (.5 Credit /Career Focus) <input type="checkbox"/> 492150 DC I-Digital Layout and Design (.5 credit) Career Focus) <input type="checkbox"/> 492160 DC II-Digital Imaging (.5 credit) (Career Focus) <input type="checkbox"/> 494150 Advertising and Graphic Design 1 credit (Career Focus)
Office Use only: Received: _____ Eschool: _____ Power School: _____	

Parent Signature: _____

Date: _____

Student Signature: _____

Date: _____